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# Hydrogram

*Release 0.1.4*

**Hydrogram**

**Mar 23, 2024**



# INTRODUCTION

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```
from hydrogram import Client, filters

app = Client("my_account")

@app.on_message(filters.private)
async def hello(client, message):
    await message.reply("Hello from Hydrogram!")

app.run()
```

Hydrogram is a Python library for interacting with the *Telegram MTProto API*. It provides a simple and intuitive interface for developers to leverage the power of Telegram's API in their Python applications.



## **SUPPORT**

Hydrogram is an open source project. Your support helps us maintain and improve the library. You can support the development of Hydrogram through the following platforms:

- [LiberaPay](#).
- [OpenCollective](#).





## HOW THE DOCUMENTATION IS ORGANIZED

Contents are organized into sections composed of self-contained topics which can be all accessed from the sidebar, or by following them in order using the *Next* button at the end of each page. You can also switch to Dark or Light theme or leave on Auto (follows system preferences) by using the dedicated button in the top left corner.

Here below you can, instead, find a list of the most relevant pages for a quick access.

### 2.1 First Steps

- *Migration Guide*: Migration guide from Pyrogram.
- *Quick Start*: Overview to get you started quickly.
- *Invoking Methods*: How to call Hydrogram's methods.
- *Handling Updates*: How to handle Telegram updates.
- *Error Handling*: How to handle API errors correctly.

### 2.2 API Reference

- *Hydrogram Client*: Reference details about the Client class.
- *Available Methods*: List of available high-level methods.
- *Available Types*: List of available high-level types.
- *Enumerations*: List of available enumerations.
- *Bound Methods*: List of convenient bound methods.

### 2.3 Meta

- *Hydrogram FAQ*: Answers to common Hydrogram questions.
- *Support Hydrogram*: Ways to show your appreciation.
- *Release Notes*: Release notes for Hydrogram releases.
- *Hydrogram vs Pyrogram*: Comparison between Hydrogram and Pyrogram.

### 2.3.1 Quick Start

The next few steps serve as a quick start to see Hydrogram in action as fast as possible.

#### Get Hydrogram Real Fast

1. Install Hydrogram with `pip3 install -U hydrogram`.
2. Obtain the API key by following Telegram's instructions and rules at [https://core.telegram.org/api/obtaining\\_api\\_id](https://core.telegram.org/api/obtaining_api_id).

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**Note:** Make sure you understand and abide to the rules for third-party clients and libraries explained in the link above.

---

3. Open the text editor of your choice and paste the following:

```
import asyncio
from hydrogram import Client

api_id = 12345
api_hash = "0123456789abcdef0123456789abcdef"

async def main():
    async with Client("my_account", api_id, api_hash) as app:
        await app.send_message("me", "Greetings from **Hydrogram**!")

asyncio.run(main())
```

4. Replace `api_id` and `api_hash` values with your own.
5. Save the file as `hello.py`.
6. Run the script with `python3 hello.py`
7. Follow the instructions on your terminal to login.
8. Watch Hydrogram send a message to yourself.

#### Enjoy the API

That was just a quick overview. In the next few pages of the introduction, we'll take a much more in-depth look of what we have just done above.

If you are feeling eager to continue you can take a shortcut to *Invoking Methods* and come back later to learn some more details.

## 2.3.2 Install Guide

Being a modern Python framework, Hydrogram requires an up to date version of Python to be installed in your system. We recommend using the latest versions of both Python 3 and pip.

### Install Hydrogram

- The easiest way to install and upgrade Hydrogram to its latest stable version is by using **pip**:

```
$ pip3 install -U hydrogram
```

- or, with *TgCrypto* as extra requirement (recommended):

```
$ pip3 install -U hydrogram tgcrypto
```

### Bleeding Edge

You can install the development version from the git dev branch using this command:

```
$ pip3 install -U https://github.com/hydrogram/hydrogram/archive/dev.zip
```

### Verifying

To verify that Hydrogram is correctly installed, open a Python shell and import it. If no error shows up you are good to go.

```
>>> import hydrogram
>>> hydrogram.__version__
'x.y.z'
```

## 2.3.3 Migrating from Pyrogram to Hydrogram

### Basic migration

The migration process from Pyrogram to Hydrogram is designed to be straightforward, ensuring a smooth transition for users. In most cases, a simple replacement of `pyrogram` with `hydrogram` in your code is sufficient to complete the migration.

For example:

```
# Pyrogram
from pyrogram import Client
from pyrogram.types import Message
from pyrogram... import ...

# Hydrogram
from hydrogram import Client
from hydrogram.types import Message
from hydrogram... import ...
```

### Breaking changes

#### Optional arguments as keyword-only arguments

While the majority of the migration involves direct substitution, it's important to note that if you currently pass optional arguments as positional arguments in Pyrogram, another change is required to use Hydrogram. The change involves converting optional arguments to keyword arguments in order to prevent potential disruptions in future updates.

Let's see a practical example to better understand this change:

```
# Pyrogram
# Writing optional arguments as positional arguments like this is a bad practice
app.send_message("me", "Hello, world!", ParseMode.MARKDOWN, None, True)

# Hydrogram
# We use a more robust approach by forcing you to name all optional arguments
app.send_message("me", "Hello, world!", parse_mode=ParseMode.MARKDOWN, disable_web_page_
↪ preview=True)
```

Adopting explicit argument naming enhances the code's resilience to potential changes in the order of arguments in future versions. This proactive measure contributes to a more stable and future-proof codebase, aligning with Hydrogram's commitment to providing a reliable development environment.

Make sure to review your codebase, apply these changes where necessary, and enjoy the enhanced features and stability offered by Hydrogram.

Don't hesitate to contact us if you have any questions or need assistance with the migration process.

If you find any bugs or have a feature request, please [open an issue on GitHub](#).

### 2.3.4 Project Setup

We have just *installed Hydrogram*. In this page we'll discuss what you need to do in order to set up a project with the framework.

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#### API Key

The first step requires you to obtain a Telegram API key.

In order to do so, follow Telegram's instructions at [https://core.telegram.org/api/obtaining\\_api\\_id](https://core.telegram.org/api/obtaining_api_id) and make sure you understand and abide to the rules for third-party clients and libraries explained there.

---

**Note:** The API key consists of two parts: `api_id` and `api_hash`. Keep it secret.

---

## Configuration

Having the API key from the previous step in handy, we can now begin to configure a Hydrogram project: pass your API key to Hydrogram by using the *api\_id* and *api\_hash* parameters of the Client class:

```
from hydrogram import Client

api_id = 12345
api_hash = "0123456789abcdef0123456789abcdef"

app = Client("my_account", api_id=api_id, api_hash=api_hash)
```

### 2.3.5 Authorization

Once a *project is set up*, you will still have to follow a few steps before you can actually use Hydrogram to make API calls. This section provides all the information you need in order to authorize yourself as user or bot.

#### User Authorization

In order to use the API, Telegram requires that users be authorized via their phone numbers. Hydrogram automatically manages this process, all you need to do is create an instance of the *Client* class by passing to it a name of your choice (e.g.: "my\_account") and call the *run()* method:

```
from hydrogram import Client

api_id = 12345
api_hash = "0123456789abcdef0123456789abcdef"

app = Client("my_account", api_id=api_id, api_hash=api_hash)

app.run()
```

This starts an interactive shell asking you to input your **phone number**, including your **Country Code** (the plus + and minus - symbols can be omitted) and the **phone code** you will receive in your devices that are already authorized or via SMS:

```
Enter phone number: +1-123-456-7890
Is "+1-123-456-7890" correct? (y/n): y
Enter phone code: 12345
Logged in successfully
```

After successfully authorizing yourself, a new file called *my\_account.session* will be created allowing Hydrogram to execute API calls with your identity. This file is personal and will be loaded again when you restart your app. You can now remove the *api\_id* and *api\_hash* values from the code as they are not needed anymore.

**Note:** The code above does nothing except asking for credentials and keeping the client online, hit *CTRL+C* now to stop your application and keep reading.

### Bot Authorization

Bots are a special kind of users that are authorized via their tokens (instead of phone numbers), which are created by the [Bot Father](#). Bot tokens replace the users' phone numbers only — you still need to *configure a Telegram API key* with Hydrogram, even when using bots.

The authorization process is automatically managed. All you need to do is choose a name (can be anything, usually your bot username) and pass your bot token using the `bot_token` parameter. The session file will be named after the session name, which will be `my_bot.session` for the example below.

```
from hydrogram import Client

api_id = 12345
api_hash = "0123456789abcdef0123456789abcdef"
bot_token = "123456:ABC-DEF1234ghIkl-zyx57W2v1u123ew11"

app = Client(
    "my_bot",
    api_id=api_id, api_hash=api_hash,
    bot_token=bot_token
)

app.run()
```

---

**Note:** The API key (`api_id` and `api_hash`) and the `bot_token` are not required anymore after a successful authorization. This means you can now simply use the following:

```
from hydrogram import Client

app = Client("my_account")
app.run()
```

---

### 2.3.6 Invoking Methods

At this point, we have successfully *installed Hydrogram* and *authorized* our account; we are now aiming towards the core of the framework.

---

#### Basic Usage

Making API calls with Hydrogram is very simple. Here's a basic example we are going to examine step by step:

```
from hydrogram import Client

app = Client("my_account")

async def main():
    async with app:
        await app.send_message("me", "Hi!")
```

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```
app.run(main())
```

## Step-by-step

1. Let's begin by importing the Client class.

```
from hydrogram import Client
```

2. Now instantiate a new Client object, "my\_account" is a session name of your choice.

```
app = Client("my_account")
```

3. Async methods must be invoked within an async context. Here we define an async function and put our code inside. Also notice the `await` keyword in front of the method call; this is required for all asynchronous methods.

```
async def main():  
    async with app:  
        await app.send_message("me", "Hi!")
```

4. Finally, we tell Python to schedule our `main()` async function by using Hydrogram's `run()` method.

```
app.run(main())
```

## Context Manager

The `async with` statement starts a context manager, which is used as a shortcut for starting, executing and stopping the Client, asynchronously. It does so by automatically calling `start()` and `stop()` in a more convenient way which also gracefully stops the client, even in case of unhandled exceptions in your code.

Below there's the same example as above, but without the use of the context manager:

```
from hydrogram import Client  
  
app = Client("my_account")  
  
async def main():  
    await app.start()  
    await app.send_message("me", "Hi!")  
    await app.stop()  
  
app.run(main())
```

### Using `asyncio.run()`

Alternatively to the `run()` method, you can use Python's `asyncio.run()` to execute the main function, with one little caveat: the `Client` instance (and possibly other `asyncio` resources you are going to use) must be instantiated inside the main function.

```
import asyncio
from hydrogram import Client

async def main():
    app = Client("my_account")

    async with app:
        await app.send_message("me", "Hi!")

asyncio.run(main())
```

### 2.3.7 Handling Updates

*Invoking API methods* sequentially is one way to use Hydrogram. This page deals with Telegram updates and how to handle new incoming messages or other events in Hydrogram.

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#### Defining Updates

Updates are events that happen in your Telegram account (incoming messages, new members join, bot button presses, etc.), which are meant to notify you about a new specific state that has changed. These updates are handled by registering one or more callback functions in your app using *Handlers*.

Each handler deals with a specific event and once a matching update arrives from Telegram, your registered callback function will be called back by the framework and its body executed.

#### Registering a Handler

To explain how handlers work let's examine the one which will be in charge for handling *Message* updates coming from all around your chats. Every other kind of handler shares the same setup logic and you should not have troubles settings them up once you learn from this section.

#### Using Decorators

The most elegant way to register a message handler is by using the `on_message()` decorator:

```
from hydrogram import Client

app = Client("my_account")
```

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```
@app.on_message()
async def my_handler(client, message):
    await message.forward("me")

app.run()
```

The defined function `my_handler`, which accepts the two arguments (*client*, *message*), will be the function that gets executed every time a new message arrives.

In the last line we see again the `run()` method, this time used without any argument. Its purpose here is simply to automatically `start()`, keep the Client online so that it can listen for updates and `stop()` it once you hit CTRL+C.

### Using `add_handler()`

The `add_handler()` method takes any handler instance that wraps around your defined callback function and registers it in your Client. It is useful in case you want to programmatically add handlers.

```
from hydrogram import Client
from hydrogram.handlers import MessageHandler

async def my_function(client, message):
    await message.forward("me")

app = Client("my_account")

my_handler = MessageHandler(my_function)
app.add_handler(my_handler)

app.run()
```

## 2.3.8 Error Handling

Errors can be correctly handled with `try...except` blocks in order to control the behaviour of your application. Hydrogram errors all live inside the `errors` package:

```
from hydrogram import errors
```

### RPCError

The father of all errors is named `RPCError` and is able to catch all Telegram API related errors. This error is raised every time a method call against Telegram's API was unsuccessful.

```
from hydrogram.errors import RPCError
```

**Warning:** Avoid catching this error everywhere, especially when no feedback is given (i.e. by logging/printing the full error traceback), because it makes it impossible to understand what went wrong.

### Error Categories

The `RPCError` packs together all the possible errors Telegram could raise, but to make things tidier, Hydrogram provides categories of errors, which are named after the common HTTP errors and are subclass-ed from the `RPCError`:

```
from hydrogram.errors import BadRequest, Forbidden, ...
```

- *303 - SeeOther*
- *400 - BadRequest*
- *401 - Unauthorized*
- *403 - Forbidden*
- *406 - NotAcceptable*
- *420 - Flood*
- *500 - InternalServerError*

### Single Errors

For a fine-grained control over every single error, Hydrogram does also expose errors that deal each with a specific issue. For example:

```
from hydrogram.errors import FloodWait
```

These errors subclass directly from the category of errors they belong to, which in turn subclass from the father `RPCError`, thus building a class of error hierarchy such as this:

- **RPCError**
  - **BadRequest**
    - \* `MessageEmpty`
    - \* `UsernameOccupied`
    - \* ...
  - **InternalServerError**
    - \* `RpcCallFail`
    - \* `InterDcCallError`
    - \* ...

- ...

## Unknown Errors

In case Hydrogram does not know anything about a specific error yet, it raises a generic error from its known category, for example, an unknown error with error code 400, will be raised as a `BadRequest`. This way you can catch the whole category of errors and be sure to also handle these unknown errors.

## Errors with Values

Exception objects may also contain some informative values. For example, `FloodWait` holds the amount of seconds you have to wait before you can try again, some other errors contain the DC number on which the request must be repeated on. The value is stored in the `value` attribute of the exception object:

```
import asyncio
from hydrogram.errors import FloodWait

...
try:
    ... # Your code
except FloodWait as e:
    await asyncio.sleep(e.value) # Wait N seconds before continuing
...
```

## 2.3.9 Examples

This page contains example scripts to show you how Hydrogram looks like.

Every script is working right away (provided you correctly set up your credentials), meaning you can simply copy-paste and run. The only things you have to change are session names and target chats, where applicable.

The examples listed below can be treated as building blocks for your own applications and are meant to be simple enough to give you a basic idea.

| Example                 | Description  |
|-------------------------|--|
| <i>hello_world</i>      | Demonstration of basic API usage                                   |
| <i>echo_bot</i>         | Echo every private text message                                    |
| <i>welcome_bot</i>      | The Welcome Bot in @HydrogramChat                                  |
| <i>get_history</i>      | Get the full message history of a chat                             |
| <i>get_chat_members</i> | Get all the members of a chat                                      |
| <i>get_dialogs</i>      | Get all of your dialog chats                                       |
| <i>callback_queries</i> | Handle callback queries (as bot) coming from inline button presses |
| <i>inline_queries</i>   | Handle inline queries (as bot) and answer with results             |
| <i>use_inline_bots</i>  | Query an inline bot (as user) and send a result to a chat          |
| <i>bot_keyboards</i>    | Send normal and inline keyboards using regular bots                |
| <i>raw_updates</i>      | Handle raw updates (old, should be avoided)                        |

### hello\_world

This example demonstrates a basic API usage

```
from hydrogram import Client

# Create a new Client instance
app = Client("my_account")

async def main():
    async with app:
        # Send a message, Markdown is enabled by default
        await app.send_message("me", "Hi there! I'm using **Hydrogram**")

app.run(main())
```

### echo\_bot

This simple echo bot replies to every private text message.

It uses the `@on_message` decorator to register a `MessageHandler` and applies two filters on it: `filters.text` and `filters.private` to make sure it will reply to private text messages only.

```
from hydrogram import Client, filters

app = Client("my_account")

@app.on_message(filters.text & filters.private)
async def echo(client, message):
    await message.reply(message.text)

app.run() # Automatically start() and idle()
```

### welcome\_bot

This example uses the `emoji` module to easily add emoji in your text messages and `filters` to make it only work for specific messages in a specific chat.

```
from hydrogram import Client, emoji, filters

# Target chat. Can also be a list of multiple chat ids/usernames
TARGET = -100123456789
# Welcome message template
MESSAGE = "{} Welcome to [Hydrogram](https://docs.hydrogram.org/)'s group chat {}!"

app = Client("my_account")
```

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```
# Filter in only new_chat_members updates generated in TARGET chat
@app.on_message(filters.chat(TARGET) & filters.new_chat_members)
async def welcome(client, message):
    # Build the new members list (with mentions) by using their first_name
    new_members = [u.mention for u in message.new_chat_members]
    # Build the welcome message by using an emoji and the list we built above
    text = MESSAGE.format(emoji.SPARKLES, ", ".join(new_members))
    # Send the welcome message, without the web page preview
    await message.reply_text(text, disable_web_page_preview=True)

app.run() # Automatically start() and idle()
```

### get\_history

This example shows how to get the full message history of a chat, starting from the latest message.

```
from hydrogram import Client

app = Client("my_account")

async def main():
    async with app:
        # "me" refers to your own chat (Saved Messages)
        async for message in app.get_chat_history("me"):
            print(message)

app.run(main())
```

### get\_chat\_members

This example shows how to get all the members of a chat.

```
from hydrogram import Client

# Target channel/supergroup
TARGET = -100123456789

app = Client("my_account")

async def main():
    async with app:
        async for member in app.get_chat_members(TARGET):
            print(member)

app.run(main())
```

### get\_dialogs

This example shows how to get the full dialogs list (as user).

```
from hydrogram import Client

app = Client("my_account")

async def main():
    async with app:
        async for dialog in app.get_dialogs():
            print(dialog.chat.title or dialog.chat.first_name)

app.run(main())
```

### callback\_queries

This example shows how to handle callback queries, i.e.: queries coming from inline button presses. It uses the `@on_callback_query` decorator to register a `CallbackQueryHandler`.

```
from hydrogram import Client

app = Client("my_bot", bot_token="123456:ABC-DEF1234ghIkl-zyx57W2v1u123ew11")

@app.on_callback_query()
async def answer(client, callback_query):
    await callback_query.answer(
        f"Button contains: '{callback_query.data}'",
        show_alert=True)

app.run() # Automatically start() and idle()
```

### inline\_queries

This example shows how to handle inline queries.

Two results are generated when users invoke the bot inline mode, e.g.: `@hydrogrambot hi`. It uses the `@on_inline_query` decorator to register an `InlineQueryHandler`.

```
from hydrogram import Client
from hydrogram.types import (InlineQueryResultArticle, InputTextMessageContent,
                             InlineKeyboardMarkup, InlineKeyboardButton)

app = Client("my_bot", bot_token="123456:ABC-DEF1234ghIkl-zyx57W2v1u123ew11")

@app.on_inline_query()
async def answer(client, inline_query):
```

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```

await inline_query.answer(
    results=[
        InlineQueryResultArticle(
            title="Installation",
            input_message_content=InputTextMessageContent(
                "Here's how to install **Hydrogram**"
            ),
            url="https://docs.hydrogram.org/en/latest/intro/install.html",
            description="How to install Hydrogram",
            reply_markup=InlineKeyboardMarkup(
                [
                    [InlineKeyboardButton(
                        "Open website",
                        url="https://docs.hydrogram.org/en/latest/intro/install.html"
                    )]
                ]
            ),
        ),
        InlineQueryResultArticle(
            title="Usage",
            input_message_content=InputTextMessageContent(
                "Here's how to use **Hydrogram**"
            ),
            url="https://docs.hydrogram.org/en/latest/start/invoking.html",
            description="How to use Hydrogram",
            reply_markup=InlineKeyboardMarkup(
                [
                    [InlineKeyboardButton(
                        "Open website",
                        url="https://docs.hydrogram.org/en/latest/start/invoking.html
→"
                    )]
                ]
            ),
        ],
        cache_time=1
    )

app.run() # Automatically start() and idle()

```

### use\_inline\_bots

This example shows how to query an inline bot (as user).

```
from hydrogram import Client

# Create a new Client
app = Client("my_account")

async def main():
    async with app:
        # Get bot results for "hello" from the inline bot @vid
        bot_results = await app.get_inline_bot_results("vid", "hello")

        # Send the first result to your own chat (Saved Messages)
        await app.send_inline_bot_result(
            "me", bot_results.query_id,
            bot_results.results[0].id)

app.run(main())
```

### bot\_keyboards

This example will show you how to send normal and inline keyboards (as bot).

You must log-in as a regular bot in order to send keyboards (use the token from @BotFather). Any attempt in sending keyboards with a user account will be simply ignored by the server.

send\_message() is used as example, but a keyboard can be sent with any other send\_\* methods, like send\_audio(), send\_document(), send\_location(), etc...

```
from hydrogram import Client
from hydrogram.types import ReplyKeyboardMarkup, InlineKeyboardMarkup,
    InlineKeyboardButton

# Create a client using your bot token
app = Client("my_bot", bot_token="123456:ABC-DEF1234ghIkl-zyx57W2v1u123ew11")

async def main():
    async with app:
        await app.send_message(
            "me", # Edit this
            "This is a ReplyKeyboardMarkup example",
            reply_markup=ReplyKeyboardMarkup(
                [
                    ["A", "B", "C", "D"], # First row
                    ["E", "F", "G"], # Second row
                    ["H", "I"], # Third row
                    ["J"] # Fourth row
                ],
```

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```

        resize_keyboard=True # Make the keyboard smaller
    )
)

await app.send_message(
    "me", # Edit this
    "This is a InlineKeyboardMarkup example",
    reply_markup=InlineKeyboardMarkup(
        [
            # First row
            InlineKeyboardButton( # Generates a callback query when pressed
                "Button",
                callback_data="data"
            ),
            InlineKeyboardButton( # Opens a web URL
                "URL",
                url="https://docs.hydrogram.org"
            ),
        ],
        [ # Second row
            InlineKeyboardButton( # Opens the inline interface
                "Choose chat",
                switch_inline_query="hydrogram"
            ),
            InlineKeyboardButton( # Opens the inline interface in the
↪current chat
                "Inline here",
                switch_inline_query_current_chat="hydrogram"
            ),
        ]
    ]
)

app.run(main())

```

## raw\_updates

This example shows how to handle raw updates.

```

from hydrogram import Client

app = Client("my_account")

@app.on_raw_update()
async def raw(client, update, users, chats):
    print(update)

```

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```
app.run() # Automatically start() and idle()
```

### 2.3.10 Hydrogram Client

You have entered the API Reference section where you can find detailed information about Hydrogram's API. The main Client class, all available methods and types, filters, handlers, decorators and bound-methods detailed descriptions can be found starting from this page.

This page is about the Client class, which exposes high-level methods for an easy access to the API.

```
from hydrogram import Client

app = Client("my_account")

with app:
    app.send_message("me", "Hi!")
```

---

#### Details

##### **class** hydrogram.Client

Hydrogram Client, the main means for interacting with Telegram.

##### Parameters

- **name** (str) – A name for the client, e.g.: “my\_account”.
- **api\_id** (int | str, *optional*) – The *api\_id* part of the Telegram API key, as integer or string. E.g.: 12345 or “12345”.
- **api\_hash** (str, *optional*) – The *api\_hash* part of the Telegram API key, as string. E.g.: “0123456789abcdef0123456789abcdef”.
- **app\_version** (str, *optional*) – Application version. Defaults to “Hydrogram x.y.z”.
- **device\_model** (str, *optional*) – Device model. Defaults to *platform.python\_implementation()* + “ ” + *platform.python\_version()*.
- **system\_version** (str, *optional*) – Operating System version. Defaults to *platform.system()* + “ ” + *platform.release()*.
- **lang\_code** (str, *optional*) – Code of the language used on the client, in ISO 639-1 standard. Defaults to “en”.
- **ipv6** (bool, *optional*) – Pass True to connect to Telegram using IPv6. Defaults to False (IPv4).
- **proxy** (dict, *optional*) – The Proxy settings as dict. E.g.: *dict(scheme="socks5", host-name="11.22.33.44", port=1234, username="user", password="pass")*. The *username* and *password* can be omitted if the proxy doesn't require authorization.
- **test\_mode** (bool, *optional*) – Enable or disable login to the test servers. Only applicable for new sessions and will be ignored in case previously created sessions are loaded. Defaults to False.

- **bot\_token** (str, *optional*) – Pass the Bot API token to create a bot session, e.g.: “123456:ABC-DEF1234ghIkl-zyx57W2v1u123ew11” Only applicable for new sessions.
- **session\_string** (str, *optional*) – Pass a session string to load the session in-memory. Implies `in_memory=True`.
- **session\_storage\_engine** (BaseStorage, *optional*) – Pass an instance of your own implementation of session storage engine. Useful when you want to store your session in databases like Mongo, Redis, etc.
- **in\_memory** (bool, *optional*) – Pass True to start an in-memory session that will be discarded as soon as the client stops. In order to reconnect again using an in-memory session without having to login again, you can use `export_session_string()` before stopping the client to get a session string you can pass to the `session_string` parameter. Defaults to False.
- **phone\_number** (str, *optional*) – Pass the phone number as string (with the Country Code prefix included) to avoid entering it manually. Only applicable for new sessions.
- **phone\_code** (str, *optional*) – Pass the phone code as string (for test numbers only) to avoid entering it manually. Only applicable for new sessions.
- **password** (str, *optional*) – Pass the Two-Step Verification password as string (if required) to avoid entering it manually. Only applicable for new sessions.
- **workers** (int, *optional*) – Number of maximum concurrent workers for handling incoming updates. Defaults to `min(32, os.cpu_count() + 4)`.
- **workdir** (str, *optional*) – Define a custom working directory. The working directory is the location in the filesystem where Hydrogram will store the session files. Defaults to the parent directory of the main script.
- **plugins** (dict, *optional*) – Smart Plugins settings as dict, e.g.: `dict(root="plugins")`.
- **parse\_mode** (`ParseMode`, *optional*) – Set the global parse mode of the client. By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **no\_updates** (bool, *optional*) – Pass True to disable incoming updates. When updates are disabled the client can't receive messages or other updates. Useful for batch programs that don't need to deal with updates. Defaults to False (updates enabled and received).
- **takeout** (bool, *optional*) – Pass True to let the client use a takeout session instead of a normal one, implies `no_updates=True`. Useful for exporting Telegram data. Methods invoked inside a takeout session (such as `get_chat_history`, `download_media`, ...) are less prone to throw FloodWait exceptions. Only available for users, bots will ignore this parameter. Defaults to False (normal session).
- **sleep\_threshold** (int, *optional*) – Set a sleep threshold for flood wait exceptions happening globally in this client instance, below which any request that raises a flood wait will be automatically invoked again after sleeping for the required amount of time. Flood wait exceptions requiring higher waiting times will be raised. Defaults to 10 seconds.
- **hide\_password** (bool, *optional*) – Pass True to hide the password when typing it during the login. Defaults to False, because `getpass` (the library used) is known to be problematic in some terminal environments.
- **max\_concurrent\_transmissions** (bool, *optional*) – Set the maximum amount of concurrent transmissions (uploads & downloads). A value that is too high may result in network related issues. Defaults to 1.

### 2.3.11 Available Methods

This page is about Hydrogram methods. All the methods listed here are bound to a *Client* instance, except for *idle()* and *compose()*, which are special functions that can be found in the main package directly.

```
from hydrogram import Client

app = Client("my_account")

with app:
    app.send_message("me", "hi")
```

---

#### Utilities

|                              |   |
|------------------------------|---|
| <i>start</i>                 | Start the client.   |
| <i>stop</i>                  | Stop the Client.  |
| <i>run</i>                   | Start the client, idle the main script and finally stop the client. |
| <i>restart</i>               | Restart the Client.   |
| <i>add_handler</i>           | Register an update handler.   |
| <i>remove_handler</i>        | Remove a previously-registered update handler.                      |
| <i>stop_transmission</i>     | Stop downloading or uploading a file.                               |
| <i>export_session_string</i> | Export the current authorized session as a serialized string.       |
| <i>set_parse_mode</i>        | Set the parse mode to be used globally by the client.               |

#### start()

##### `Client.start()`

Start the client.

This method connects the client to Telegram and, in case of new sessions, automatically manages the authorization process using an interactive prompt.

##### Returns

*Client* – The started client itself.

##### Raises

**ConnectionError** – In case you try to start an already started client.

#### Example

```
from hydrogram import Client

app = Client("my_account")

async def main():
```

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(continued from previous page)

```

await app.start()
... # Invoke API methods
await app.stop()

app.run(main())

```

## stop()

### Client.stop()

Stop the Client.

This method disconnects the client from Telegram and stops the underlying tasks.

#### Parameters

**block** (bool, *optional*) – Blocks the code execution until the client has been stopped. It is useful with `block=False` in case you want to stop the own client *within* a handler in order not to cause a deadlock. Defaults to True.

#### Returns

*Client* – The stopped client itself.

#### Raises

**ConnectionError** – In case you try to stop an already stopped client.

## Example

```

from hydrogram import Client

app = Client("my_account")

async def main():
    await app.start()
    ... # Invoke API methods
    await app.stop()

app.run(main())

```

## run()

### Client.run()

Start the client, idle the main script and finally stop the client.

When calling this method without any argument it acts as a convenience method that calls `start()`, `idle()` and `stop()` in sequence. It makes running a single client less verbose.

In case a coroutine is passed as argument, runs the coroutine until it's completed and doesn't do any client operation. This is almost the same as `asyncio.run` except for the fact that Hydrogram's `run` uses the current event loop instead of a new one.

If you want to run multiple clients at once, see [`hydrogram.compose\(\)`](#).

### Parameters

**coroutine** (Coroutine, *optional*) – Pass a coroutine to run it until it completes.

### Raises

**ConnectionError** – In case you try to run an already started client.

### Example

```
from hydrogram import Client

app = Client("my_account")
... # Set handlers up
app.run()
```

```
from hydrogram import Client

app = Client("my_account")

async def main():
    async with app:
        print(await app.get_me())

app.run(main())
```

### restart()

`Client.restart()`

Restart the Client.

This method will first call [`stop\(\)`](#) and then [`start\(\)`](#) in a row in order to restart a client using a single method.

### Parameters

**block** (bool, *optional*) – Blocks the code execution until the client has been restarted. It is useful with `block=False` in case you want to restart the own client within an handler in order not to cause a deadlock. Defaults to True.

### Returns

[`Client`](#) – The restarted client itself.

### Raises

**ConnectionError** – In case you try to restart a stopped Client.

### Example

```

from hydrogram import Client

app = Client("my_account")

async def main():
    await app.start()
    ... # Invoke API methods
    await app.restart()
    ... # Invoke other API methods
    await app.stop()

app.run(main())

```

### add\_handler()

#### Client.add\_handler()

Register an update handler.

You can register multiple handlers, but at most one handler within a group will be used for a single update. To handle the same update more than once, register your handler using a different group id (lower group id == higher priority). This mechanism is explained in greater details at [More on Updates](#).

#### Parameters

- **handler** (Handler) – The handler to be registered.
- **group** (int, *optional*) – The group identifier, defaults to 0.

#### Returns

tuple – A tuple consisting of (*handler*, *group*).

### Example

```

from hydrogram import Client
from hydrogram.handlers import MessageHandler

async def hello(client, message):
    print(message)

app = Client("my_account")

app.add_handler(MessageHandler(hello))

app.run()

```

## remove\_handler()

### Client.remove\_handler()

Remove a previously-registered update handler.

Make sure to provide the right group where the handler was added in. You can use the return value of the `add_handler()` method, a tuple of *(handler, group)*, and pass it directly.

#### Parameters

- **handler** (Handler) – The handler to be removed.
- **group** (int, *optional*) – The group identifier, defaults to 0.

### Example

```
from hydrogram import Client
from hydrogram.handlers import MessageHandler

async def hello(client, message):
    print(message)

app = Client("my_account")

handler = app.add_handler(MessageHandler(hello))

# Starred expression to unpack (handler, group)
app.remove_handler(*handler)

app.run()
```

## stop\_transmission()

### Client.stop\_transmission()

Stop downloading or uploading a file.

This method must be called inside a progress callback function in order to stop the transmission at the desired time. The progress callback is called every time a file chunk is uploaded/downloaded.

### Example

```
# Stop transmission once the upload progress reaches 50%
async def progress(current, total, client):
    if (current * 100 / total) > 50:
        client.stop_transmission()

async with app:
    await app.send_document("me", "file.zip", progress=progress, progress_args=(app,
↪))
```



## export\_session\_string()

### Client.export\_session\_string()

Export the current authorized session as a serialized string.

Session strings are useful for storing in-memory authorized sessions in a portable, serialized string. More detailed information about session strings can be found at the dedicated page of *Storage Engines*.

#### Returns

str – The session serialized into a printable, url-safe string.

### Example

```
s = await app.export_session_string()
```

## set\_parse\_mode()

### Client.set\_parse\_mode()

Set the parse mode to be used globally by the client.

When setting the parse mode with this method, all other methods having a *parse\_mode* parameter will follow the global value by default.

#### Parameters

**parse\_mode** (*ParseMode*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.

### Example

```
from hydrogram import enums

# Default combined mode: Markdown + HTML
await app.send_message("me", "1. markdown and <i>html</i>")

# Force Markdown-only, HTML is disabled
app.set_parse_mode(enums.ParseMode.MARKDOWN)
await app.send_message("me", "2. markdown and <i>html</i>")

# Force HTML-only, Markdown is disabled
app.set_parse_mode(enums.ParseMode.HTML)
await app.send_message("me", "3. markdown and <i>html</i>")

# Disable the parser completely
app.set_parse_mode(enums.ParseMode.DISABLED)
await app.send_message("me", "4. markdown and <i>html</i>")

# Bring back the default combined mode
app.set_parse_mode(enums.ParseMode.DEFAULT)
await app.send_message("me", "5. markdown and <i>html</i>")
```

|                |   |
|----------------|---|
| <i>idle</i>    | Block the main script execution until a signal is received. |
| <i>compose</i> | Run multiple clients at once.                               |

### idle()

#### hydrogram.idle()

Block the main script execution until a signal is received.

This function will run indefinitely in order to block the main script execution and prevent it from exiting while having client(s) that are still running in the background.

It is useful for event-driven application only, that are, applications which react upon incoming Telegram updates through handlers, rather than executing a set of methods sequentially.

Once a signal is received (e.g.: from CTRL+C) the function will terminate and your main script will continue. Don't forget to call *stop()* for each running client before the script ends.

### Example

```
import asyncio
from hydrogram import Client, idle

async def main():
    apps = [Client("account1"), Client("account2"), Client("account3")]

    ... # Set up handlers

    for app in apps:
        await app.start()

    await idle()

    for app in apps:
        await app.stop()

asyncio.run(main())
```

### compose()

#### hydrogram.compose()

Run multiple clients at once.

This method can be used to run multiple clients at once and can be found directly in the hydrogram package.

If you want to run a single client, you can use Client's bound method *run()*.

#### Parameters

- **clients** (List of *Client*) – A list of client objects to run.

- **sequential** (bool, *optional*) – Pass True to run clients sequentially. Defaults to False (run clients concurrently)

### Example

```
import asyncio
from hydrogram import Client, compose

async def main():
    apps = [Client("account1"), Client("account2"), Client("account3")]
    ...

    await compose(apps)

asyncio.run(main())
```

### Messages

|  |  |
|--|--|
| <code>send_message</code>              | Send text messages.  |
| <code>forward_messages</code>          | Forward messages of any kind.  |
| <code>copy_message</code>              | Copy messages of any kind.   |
| <code>copy_media_group</code>          | Copy a media group by providing one of the message ids.                      |
| <code>send_photo</code>                | Send photos.   |
| <code>send_audio</code>                | Send audio files.  |
| <code>send_document</code>             | Send generic files.  |
| <code>send_sticker</code>              | Send static .webp or animated .tgs stickers.                                 |
| <code>send_video</code>                | Send video files.  |
| <code>send_animation</code>            | Send animation files (animation or H.264/MPEG-4 AVC video without sound).    |
| <code>send_voice</code>                | Send audio files.  |
| <code>send_video_note</code>           | Send video messages.   |
| <code>send_media_group</code>          | Send a group of photos or videos as an album.                                |
| <code>send_location</code>             | Send points on the map.  |
| <code>send_venue</code>                | Send information about a venue.  |
| <code>send_contact</code>              | Send phone contacts.   |
| <code>send_cached_media</code>         | Send any media stored on the Telegram servers using a <code>file_id</code> . |
| <code>send_reaction</code>             | Send a reaction to a message.  |
| <code>edit_message_text</code>         | Edit the text of messages.   |
| <code>edit_message_caption</code>      | Edit the caption of media messages.  |
| <code>edit_message_media</code>        | Edit animation, audio, document, photo or video messages.                    |
| <code>edit_message_reply_markup</code> | Edit only the reply markup of messages sent by the bot.                      |
| <code>edit_inline_text</code>          | Edit the text of inline messages.  |
| <code>edit_inline_caption</code>       | Edit the caption of inline media messages.                                   |
| <code>edit_inline_media</code>         | Edit inline animation, audio, document, photo or video messages.             |

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Table 1 – continued from previous page

|   |   |
|---|---|
| <code>edit_inline_reply_markup</code>     | Edit only the reply markup of inline messages sent via the bot (for inline bots).     |
| <code>send_chat_action</code>             | Tell the other party that something is happening on your side.                        |
| <code>delete_messages</code>              | Delete messages, including service messages.  |
| <code>get_messages</code>                 | Get one or more messages from a chat by using message identifiers.                    |
| <code>get_media_group</code>              | Get the media group a message belongs to.   |
| <code>get_chat_history</code>             | Get messages from a chat history.   |
| <code>get_chat_history_count</code>       | Get the total count of messages in a chat.  |
| <code>read_chat_history</code>            | Mark a chat's message history as read.  |
| <code>send_poll</code>                    | Send a new poll.  |
| <code>vote_poll</code>                    | Vote a poll.  |
| <code>stop_poll</code>                    | Stop a poll which was sent by you.  |
| <code>retract_vote</code>                 | Retract your vote in a poll.  |
| <code>send_dice</code>                    | Send a dice with a random value from 1 to 6.  |
| <code>search_messages</code>              | Search for text and media messages inside a specific chat.                            |
| <code>search_messages_count</code>        | Get the count of messages resulting from a search inside a chat.                      |
| <code>search_global</code>                | Search messages globally from all of your chats.                                      |
| <code>search_global_count</code>          | Get the count of messages resulting from a global search.                             |
| <code>download_media</code>               | Download the media from a message.  |
| <code>stream_media</code>                 | Stream the media from a message chunk by chunk.                                       |
| <code>get_discussion_message</code>       | Get the first discussion message of a channel post or a discussion thread in a group. |
| <code>get_discussion_replies</code>       | Get the message replies of a discussion thread.                                       |
| <code>get_discussion_replies_count</code> | Get the total count of replies in a discussion thread.                                |
| <code>get_custom_emoji_stickers</code>    | Get information about custom emoji stickers by their identifiers.                     |

## `send_message()`

`Client.send_message()`

Send text messages.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **text** (str) – Text of the message to be sent.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (bool, *optional*) – Disables link previews for links in this message.

- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

*Message* – On success, the sent text message is returned.

**Example**

```
# Simple example
await app.send_message("me", "Message sent with **Hydrogram**!")

# Disable web page previews
await app.send_message("me", "https://docs.hydrogram.org", disable_web_page_
    ↳preview=True)

# Reply to a message using its id
await app.send_message("me", "this is a reply", reply_to_message_id=123)

# For bots only, send messages with keyboards attached

from hydrogram.types import ReplyKeyboardMarkup, InlineKeyboardMarkup,
    ↳InlineKeyboardButton

# Send a normal keyboard
await app.send_message(
    chat_id, "Look at that button!", reply_markup=ReplyKeyboardMarkup([["Nice!"]])
)

# Send an inline keyboard
await app.send_message(
    chat_id,
    "These are inline buttons",
    reply_markup=InlineKeyboardMarkup([
        [InlineKeyboardButton("Data", callback_data="callback_data")],
        [InlineKeyboardButton("Docs", url="https://docs.hydrogram.org")],
    ]),
)
```

## forward\_messages()

Client.**forward\_messages()**

Forward messages of any kind.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **from\_chat\_id** (int | str) – Unique identifier (int) or username (str) of the source chat where the original message was sent. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_ids** (int | Iterable of int) – An iterable of message identifiers in the chat specified in *from\_chat\_id* or a single message id.
- **message\_thread\_id** (int, *optional*) – Unique identifier of a message thread to which the message belongs. for supergroups only
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.

### Returns

*Message* | List of *Message* – In case *message\_ids* was not a list, a single message is returned, otherwise a list of messages is returned.

### Example

```
# Forward a single message
await app.forward_messages(to_chat, from_chat, 123)

# Forward multiple messages at once
await app.forward_messages(to_chat, from_chat, [1, 2, 3])
```

## copy\_message()

Client.**copy\_message()**

Copy messages of any kind.

The method is analogous to the method `forward_messages()`, but the copied message doesn't have a link to the original message.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

- **from\_chat\_id** (int | str) – Unique identifier (int) or username (str) of the source chat where the original message was sent. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – Message identifier in the chat specified in *from\_chat\_id*.
- **caption** (string, *optional*) – New caption for media, 0-1024 characters after entities parsing. If not specified, the original caption is kept. Pass “” (empty string) to remove the caption.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the new caption, which can be specified instead of *parse\_mode*.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime*, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

*Message* – On success, the copied message is returned.

**Example**

```
# Copy a message
await app.copy_message(to_chat, from_chat, 123)
```

**copy\_media\_group()**

`Client.copy_media_group()`

Copy a media group by providing one of the message ids.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **from\_chat\_id** (int | str) – Unique identifier (int) or username (str) of the source chat where the original media group was sent. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

- **message\_id** (int) – Message identifier in the chat specified in *from\_chat\_id*.
- **captions** (str | List of str , *optional*) – New caption for media, 0-1024 characters after entities parsing for each media. If not specified, the original caption is kept. Pass "" (empty string) to remove the caption.  
  
If a string is passed, it becomes a caption only for the first media. If a list of string passed, each element becomes caption for each media element. You can pass None in list to keep the original caption (see examples below).
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.

**Returns**

List of *Message* – On success, a list of copied messages is returned.

**Example**

```
# Copy a media group
await app.copy_media_group(to_chat, from_chat, 123)

await app.copy_media_group(to_chat, from_chat, 123, captions="single caption")

await app.copy_media_group(to_chat, from_chat, 123, captions=["caption 1", None, "
↪"])
```

**send\_photo()**

`Client.send_photo()`

Send photos.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **photo** (str | BinaryIO) – Photo to send. Pass a file\_id as string to send a photo that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a photo from the Internet, pass a file path as string to upload a new photo that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **caption** (str, *optional*) – Photo caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.



- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **has\_spoiler** (bool, *optional*) – Pass True if the photo needs to be covered with a spoiler animation.
- **ttl\_seconds** (int, *optional*) – Self-Destruct Timer. If you set a timer, the photo will self-destruct in *ttl\_seconds* seconds after it was viewed.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the *progress\_args* parameter. You can either keep *\*args* or add every single extra argument in your function signature.

#### Returns

*Message* | None – On success, the sent photo message is returned, otherwise, in case the upload is deliberately stopped with *stop\_transmission()*, None is returned.

#### Example

```
# Send photo by uploading from local file
await app.send_photo("me", "photo.jpg")

# Send photo by uploading from URL
await app.send_photo("me", "https://example.com/example.jpg")

# Add caption to a photo
await app.send_photo("me", "photo.jpg", caption="Caption")
```

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```
# Send self-destructing photo
await app.send_photo("me", "photo.jpg", ttl_seconds=10)
```

## send\_audio()

### Client.send\_audio()

Send audio files.

For sending voice messages, use the [send\\_voice\(\)](#) method instead.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **audio** (str | BinaryIO) – Audio file to send. Pass a file\_id as string to send an audio file that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an audio file from the Internet, pass a file path as string to upload a new audio file that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **caption** (str, optional) – Audio caption, 0-1024 characters.
- **message\_thread\_id** (int, optional) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** ([ParseMode](#), optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of [MessageEntity](#)) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **duration** (int, optional) – Duration of the audio in seconds.
- **performer** (str, optional) – Performer.
- **title** (str, optional) – Track name.
- **thumb** (str | BinaryIO, optional) – Thumbnail of the music file album cover. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.
- **file\_name** (str, optional) – File name of the audio sent. Defaults to file’s path basename.
- **disable\_notification** (bool, optional) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, optional) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, optional) – Date when the message will be automatically sent.
- **protect\_content** (bool, optional) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** ([InlineKeyboardMarkup](#) | [ReplyKeyboardMarkup](#) | [ReplyKeyboardRemove](#) | [ForceReply](#), optional) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

*Message* | None – On success, the sent audio message is returned, otherwise, in case the upload is deliberately stopped with `stop_transmission()`, None is returned.

#### Example

```
# Send audio file by uploading from file
await app.send_audio("me", "audio.mp3")

# Add caption to the audio
await app.send_audio("me", "audio.mp3", caption="audio caption")

# Set audio metadata
await app.send_audio("me", "audio.mp3", title="Title", performer="Performer",
↳duration=234)

# Keep track of the progress while uploading
async def progress(current, total):
    print(f"{current * 100 / total:.1f}%")

await app.send_audio("me", "audio.mp3", progress=progress)
```

### send\_document()

`Client.send_document()`

Send generic files.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

- **document** (str | BinaryIO) – File to send. Pass a file\_id as string to send a file that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a file from the Internet, pass a file path as string to upload a new file that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **thumb** (str | BinaryIO, *optional*) – Thumbnail of the file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.
- **caption** (str, *optional*) – Document caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **file\_name** (str, *optional*) – File name of the document sent. Defaults to file’s path basename.
- **force\_document** (bool, *optional*) – Pass True to force sending files as document. Useful for video files that need to be sent as document messages instead of video messages. Defaults to False.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime*, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the *progress\_args* parameter. You can either keep *\*args* or add every single extra argument in your function signature.

**Returns**

*Message* | None – On success, the sent document message is returned, otherwise, in case the upload is deliberately stopped with *stop\_transmission()*, None is returned.

**Example**

```
# Send document by uploading from local file
await app.send_document("me", "document.zip")

# Add caption to the document file
await app.send_document("me", "document.zip", caption="document caption")

# Keep track of the progress while uploading
async def progress(current, total):
    print(f"{current * 100 / total:.1f}%")

await app.send_document("me", "document.zip", progress=progress)
```

**send\_sticker()****Client.send\_sticker()**

Send static .webp or animated .tgs stickers.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **sticker** (str | BinaryIO) – Sticker to send. Pass a file\_id as string to send a sticker that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a .webp sticker file from the Internet, pass a file path as string to upload a new sticker that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

*Message* | None – On success, the sent sticker message is returned, otherwise, in case the upload is deliberately stopped with `stop_transmission()`, None is returned.

#### Example

```
# Send sticker by uploading from local file
await app.send_sticker("me", "sticker.webp")

# Send sticker using file_id
await app.send_sticker("me", file_id)
```

## send\_video()

### Client.send\_video()

Send video files.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **video** (str | BinaryIO) – Video to send. Pass a `file_id` as string to send a video that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a video from the Internet, pass a file path as string to upload a new video that exists on your local machine, or pass a binary file-like object with its attribute “`name`” set for in-memory uploads.
- **caption** (str, *optional*) – Video caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.

- **caption\_entities** (List of [MessageEntity](#)) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **has\_spoiler** (bool, *optional*) – Pass True if the video needs to be covered with a spoiler animation.
- **ttl\_seconds** (int, *optional*) – Self-Destruct Timer. If you set a timer, the video will self-destruct in `ttl_seconds` seconds after it was viewed.
- **duration** (int, *optional*) – Duration of sent video in seconds.
- **width** (int, *optional*) – Video width.
- **height** (int, *optional*) – Video height.
- **thumb** (str | BinaryIO, *optional*) – Thumbnail of the video sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **file\_name** (str, *optional*) – File name of the video sent. Defaults to file's path basename.
- **supports\_streaming** (bool, *optional*) – Pass True, if the uploaded video is suitable for streaming. Defaults to True.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** ([InlineKeyboardMarkup](#) | [ReplyKeyboardMarkup](#) | [ReplyKeyboardRemove](#) | [ForceReply](#), *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

[Message](#) | None – On success, the sent video message is returned, otherwise, in case the upload is deliberately stopped with [stop\\_transmission\(\)](#), None is returned.

### Example

```
# Send video by uploading from local file
await app.send_video("me", "video.mp4")

# Add caption to the video
await app.send_video("me", "video.mp4", caption="video caption")

# Send self-destructing video
await app.send_video("me", "video.mp4", ttl_seconds=10)

# Keep track of the progress while uploading
async def progress(current, total):
    print(f"{current * 100 / total:.1f}%")

await app.send_video("me", "video.mp4", progress=progress)
```

### send\_animation()

#### Client.send\_animation()

Send animation files (animation or H.264/MPEG-4 AVC video without sound).

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **animation** (str | BinaryIO) – Animation to send. Pass a file\_id as string to send an animation that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an animation from the Internet, pass a file path as string to upload a new animation that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **caption** (str, *optional*) – Animation caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **unsave** (bool, *optional*) – By default, the server will save into your own collection any new animation you send. Pass True to automatically unsave the sent animation. Defaults to False.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **has\_spoiler** (bool, *optional*) – Pass True if the animation needs to be covered with a spoiler animation.
- **duration** (int, *optional*) – Duration of sent animation in seconds.
- **width** (int, *optional*) – Animation width.



- **height** (int, *optional*) – Animation height.
- **thumb** (str | BinaryIO, *optional*) – Thumbnail of the animation file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **file\_name** (str, *optional*) – File name of the animation sent. Defaults to file's path base-name.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** ([InlineKeyboardMarkup](#) | [ReplyKeyboardMarkup](#) | [ReplyKeyboardRemove](#) | [ForceReply](#), *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

[Message](#) | None – On success, the sent animation message is returned, otherwise, in case the upload is deliberately stopped with [stop\\_transmission\(\)](#), None is returned.

#### Example

```
# Send animation by uploading from local file
await app.send_animation("me", "animation.gif")

# Add caption to the animation
await app.send_animation("me", "animation.gif", caption="animation caption")

# Unsave the animation once is sent
await app.send_animation("me", "animation.gif", unsave=True)
```

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```
# Keep track of the progress while uploading
async def progress(current, total):
    print(f"current * 100 / total:.1f}%")

await app.send_animation("me", "animation.gif", progress=progress)
```

## send\_voice()

`Client.send_voice()`

Send audio files.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **voice** (str | BinaryIO) – Audio file to send. Pass a file\_id as string to send an audio that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an audio from the Internet, pass a file path as string to upload a new audio that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **caption** (str, *optional*) – Voice message caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **duration** (int, *optional*) – Duration of the voice message in seconds.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime*, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.

- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

*Message* | None – On success, the sent voice message is returned, otherwise, in case the upload is deliberately stopped with *stop\_transmission()*, None is returned.

#### Example

```
# Send voice note by uploading from local file
await app.send_voice("me", "voice.ogg")

# Add caption to the voice note
await app.send_voice("me", "voice.ogg", caption="voice caption")

# Set voice note duration
await app.send_voice("me", "voice.ogg", duration=20)
```

### send\_video\_note()

Client.send\_video\_note()

Send video messages.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **video\_note** (str | BinaryIO) – Video note to send. Pass a file\_id as string to send a video note that exists on the Telegram servers, pass a file path as string to upload a new video note that exists on your local machine, or pass a binary file-like object with its attribute “.name” set for in-memory uploads. Sending video notes by a URL is currently unsupported.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **duration** (int, *optional*) – Duration of sent video in seconds.
- **length** (int, *optional*) – Video width and height.
- **thumb** (str | BinaryIO, *optional*) – Thumbnail of the video sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.

- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

*Message* | None – On success, the sent video note message is returned, otherwise, in case the upload is deliberately stopped with `stop_transmission()`, None is returned.

#### Example

```
# Send video note by uploading from local file
await app.send_video_note("me", "video_note.mp4")

# Set video note length
await app.send_video_note("me", "video_note.mp4", length=25)
```

### `send_media_group()`

`Client.send_media_group()`

Send a group of photos or videos as an album.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

- **media** (List of [InputMediaPhoto](#), [InputMediaVideo](#), [InputMediaAudio](#) and [InputMediaDocument](#)) – A list describing photos and videos to be sent, must include 2–10 items.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.

**Returns**

List of [Message](#) – On success, a list of the sent messages is returned.

**Example**

```
from hydrogram.types import InputMediaPhoto, InputMediaVideo

await app.send_media_group(
    "me",
    [
        InputMediaPhoto("photo1.jpg"),
        InputMediaPhoto("photo2.jpg", caption="photo caption"),
        InputMediaVideo("video.mp4", caption="video caption"),
    ],
)
```

**send\_location()**

`Client.send_location()`

Send points on the map.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **latitude** (float) – Latitude of the location.
- **longitude** (float) – Longitude of the location.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.

- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

*Message* – On success, the sent location message is returned.

**Example**

```
app.send_location("me", latitude, longitude)
```

**send\_venue()****Client.send\_venue()**

Send information about a venue.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **latitude** (float) – Latitude of the venue.
- **longitude** (float) – Longitude of the venue.
- **title** (str) – Name of the venue.
- **address** (str) – Address of the venue.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **foursquare\_id** (str, *optional*) – Foursquare identifier of the venue.
- **foursquare\_type** (str, *optional*) – Foursquare type of the venue, if known. (For example, “arts\_entertainment/default”, “arts\_entertainment/aquarium” or “food/icecream”.)
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

*Message* – On success, the sent venue message is returned.

### Example

```
app.send_venue("me", latitude, longitude, "Venue title", "Venue address")
```

### send\_contact()

`Client.send_contact()`

Send phone contacts.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **phone\_number** (str) – Contact’s phone number.
- **first\_name** (str) – Contact’s first name.
- **last\_name** (str, *optional*) – Contact’s last name.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **vcard** (str, *optional*) – Additional data about the contact in the form of a vCard, 0-2048 bytes
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

*Message* – On success, the sent contact message is returned.

### Example

```
await app.send_contact("me", "+1-123-456-7890", "Name")
```

## send\_cached\_media()

### Client.send\_cached\_media()

Send any media stored on the Telegram servers using a file\_id.

This convenience method works with any valid file\_id only. It does the same as calling the relevant method for sending media using a file\_id, thus saving you from the hassle of using the correct method for the media the file\_id is pointing to.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **file\_id** (str) – Media to send. Pass a file\_id as string to send a media that exists on the Telegram servers.
- **caption** (str, *optional*) – Media caption, 0-1024 characters.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime*, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

*Message* – On success, the sent media message is returned.

#### Example

```
await app.send_cached_media("me", file_id)
```



## send\_reaction()

### Client.send\_reaction()

Send a reaction to a message.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int) – Identifier of the message.
- **emoji** (str, *optional*) – Reaction emoji. Pass "" as emoji (default) to retract the reaction.
- **big** (bool, *optional*) – Pass True to show a bigger and longer reaction. Defaults to False.

#### Returns

bool – On success, True is returned.

### Example

```
# Send a reaction
await app.send_reaction(chat_id, message_id, "")

# Retract a reaction
await app.send_reaction(chat_id, message_id)
```

## edit\_message\_text()

### Client.edit\_message\_text()

Edit the text of messages.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – Message identifier in the chat specified in chat\_id.
- **text** (str) – New text of the message.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (bool, *optional*) – Disables link previews for links in this message.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An *InlineKeyboardMarkup* object.

#### Returns

*Message* – On success, the edited message is returned.

### Example

```
# Simple edit text
await app.edit_message_text(chat_id, message_id, "new text")

# Take the same text message, remove the web page preview only
await app.edit_message_text(
    chat_id, message_id, message.text, disable_web_page_preview=True
)
```

### edit\_message\_caption()

`Client.edit_message_caption()`

Edit the caption of media messages.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **message\_id** (`int`) – Message identifier in the chat specified in `chat_id`.
- **caption** (`str`) – New caption of the media message.
- **parse\_mode** (*`ParseMode`, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *`MessageEntity`*) – List of special entities that appear in the caption, which can be specified instead of *`parse_mode`*.
- **reply\_markup** (*`InlineKeyboardMarkup`, optional*) – An `InlineKeyboardMarkup` object.

#### Returns

*`Message`* – On success, the edited message is returned.

### Example

```
await app.edit_message_caption(chat_id, message_id, "new media caption")
```

### edit\_message\_media()

`Client.edit_message_media()`

Edit animation, audio, document, photo or video messages.

If a message is a part of a message album, then it can be edited only to a photo or a video. Otherwise, the message type can be changed arbitrarily.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).

- **message\_id** (int) – Message identifier in the chat specified in chat\_id.
- **media** (*InputMedia*) – One of the InputMedia objects describing an animation, audio, document, photo or video.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An InlineKeyboardMarkup object.
- **file\_name** (str, *optional*) – File name of the media to be sent. Not applicable to photos. Defaults to file's path basename.

**Returns**

*Message* – On success, the edited message is returned.

**Example**

```
from hydrogram.types import InputMediaPhoto, InputMediaVideo, InputMediaAudio

# Replace the current media with a local photo
await app.edit_message_media(chat_id, message_id, InputMediaPhoto("new_photo.jpg"))

# Replace the current media with a local video
await app.edit_message_media(chat_id, message_id, InputMediaVideo("new_video.mp4"))

# Replace the current media with a local audio
await app.edit_message_media(chat_id, message_id, InputMediaAudio("new_audio.mp3"))
```

**edit\_message\_reply\_markup()**

`Client.edit_message_reply_markup()`

Edit only the reply markup of messages sent by the bot.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – Message identifier in the chat specified in chat\_id.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An InlineKeyboardMarkup object.

**Returns**

*Message* – On success, the edited message is returned.

**Example**

```
from hydrogram.types import InlineKeyboardMarkup, InlineKeyboardButton

# Bots only
await app.edit_message_reply_markup(
    chat_id,
    message_id,
    InlineKeyboardMarkup([InlineKeyboardButton("New button", callback_data="new_
```

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```
↪data"]]]),  
)
```

## edit\_inline\_text()

`Client.edit_inline_text()`

Edit the text of inline messages.

### Parameters

- **inline\_message\_id** (str) – Identifier of the inline message.
- **text** (str) – New text of the message.
- **parse\_mode** (*ParseMode*, optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **disable\_web\_page\_preview** (bool, optional) – Disables link previews for links in this message.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

### Returns

bool – On success, True is returned.

## Example

```
# Bots only  
  
# Simple edit text  
await app.edit_inline_text(inline_message_id, "new text")  
  
# Take the same text message, remove the web page preview only  
await app.edit_inline_text(inline_message_id, message.text, disable_web_page_  
↪preview=True)
```

## edit\_inline\_caption()

`Client.edit_inline_caption()`

Edit the caption of inline media messages.

### Parameters

- **inline\_message\_id** (str) – Identifier of the inline message.
- **caption** (str) – New caption of the media message.
- **parse\_mode** (*ParseMode*, optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

### Returns

bool – On success, True is returned.

### Example

```
# Bots only
await app.edit_inline_caption(inline_message_id, "new media caption")
```

## edit\_inline\_media()

### Client.edit\_inline\_media()

Edit inline animation, audio, document, photo or video messages.

When the inline message is edited, a new file can't be uploaded. Use a previously uploaded file via its `file_id` or specify a URL.

#### Parameters

- **inline\_message\_id** (str) – Required if *chat\_id* and *message\_id* are not specified. Identifier of the inline message.
- **media** (*InputMedia*) – One of the *InputMedia* objects describing an animation, audio, document, photo or video.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

#### Returns

bool – On success, True is returned.

### Example

```
from hydrogram.types import InputMediaPhoto, InputMediaVideo, InputMediaAudio

# Bots only

# Replace the current media with a local photo
await app.edit_inline_media(inline_message_id, InputMediaPhoto("new_photo.jpg"))

# Replace the current media with a local video
await app.edit_inline_media(inline_message_id, InputMediaVideo("new_video.mp4"))

# Replace the current media with a local audio
await app.edit_inline_media(inline_message_id, InputMediaAudio("new_audio.mp3"))
```

## edit\_inline\_reply\_markup()

### Client.edit\_inline\_reply\_markup()

Edit only the reply markup of inline messages sent via the bot (for inline bots).

#### Parameters

- **inline\_message\_id** (str) – Identifier of the inline message.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

#### Returns

bool – On success, True is returned.

### Example

```
from hydrogram.types import InlineKeyboardMarkup, InlineKeyboardButton

# Bots only
await app.edit_inline_reply_markup(
    inline_message_id,
    InlineKeyboardMarkup([[InlineKeyboardButton("New button", callback_data="new_
↪data")]]),
)
```

### send\_chat\_action()

`Client.send_chat_action()`

Tell the other party that something is happening on your side.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **action** (`ChatAction`) – Type of action to broadcast.
- **message\_thread\_id** (`int`, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.

#### Returns

`bool` – On success, `True` is returned.

#### Raises

**ValueError** – In case the provided string is not a valid chat action.

### Example

```
from hydrogram import enums

# Send "typing" chat action
await app.send_chat_action(chat_id, enums.ChatAction.TYPING)

# Send "upload_video" chat action
await app.send_chat_action(chat_id, enums.ChatAction.UPLOAD_VIDEO)

# Send "playing" chat action
await app.send_chat_action(chat_id, enums.ChatAction.PLAYING)

# Cancel any current chat action
await app.send_chat_action(chat_id, enums.ChatAction.CANCEL)
```

## delete\_messages()

### Client.delete\_messages()

Delete messages, including service messages.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_ids** (int | Iterable of int) – An iterable of message identifiers to delete (integers) or a single message id.
- **revoke** (bool, *optional*) – Deletes messages on both parts. This is only for private cloud chats and normal groups, messages on channels and supergroups are always revoked (i.e.: deleted for everyone). Defaults to True.

#### Returns

int – Amount of affected messages

### Example

```
# Delete one message
await app.delete_messages(chat_id, message_id)

# Delete multiple messages at once
await app.delete_messages(chat_id, list_of_message_ids)

# Delete messages only on your side (without revoking)
await app.delete_messages(chat_id, message_id, revoke=False)
```

## get\_messages()

### Client.get\_messages()

Get one or more messages from a chat by using message identifiers.

You can retrieve up to 200 messages at once.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_ids** (int | Iterable of int, *optional*) – Pass a single message identifier or an iterable of message ids (as integers) to get the content of the message themselves.
- **reply\_to\_message\_ids** (int | Iterable of int, *optional*) – Pass a single message identifier or an iterable of message ids (as integers) to get the content of the previous message you replied to using this message. If *message\_ids* is set, this argument will be ignored.
- **replies** (int, *optional*) – The number of subsequent replies to get for each message. Pass 0 for no reply at all or -1 for unlimited replies. Defaults to 1.

**Returns**

*Message* | List of *Message* – In case *message\_ids* was not a list, a single message is returned, otherwise a list of messages is returned.

**Example**

```
# Get one message
await app.get_messages(chat_id, 12345)

# Get more than one message (list of messages)
await app.get_messages(chat_id, [12345, 12346])

# Get message by ignoring any replied-to message
await app.get_messages(chat_id, message_id, replies=0)

# Get message with all chained replied-to messages
await app.get_messages(chat_id, message_id, replies=-1)

# Get the replied-to message of a message
await app.get_messages(chat_id, reply_to_message_ids=message_id)
```

**Raises**

**ValueError** – In case of invalid arguments.

**get\_media\_group()****Client.get\_media\_group()**

Get the media group a message belongs to.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – The id of one of the messages that belong to the media group.

**Returns**

List of *Message* – On success, a list of messages of the media group is returned.

**Raises**

**ValueError** – In case the passed *message\_id* is negative or equal 0. In case target message doesn't belong to a media group.



## get\_chat\_history()

### Client.get\_chat\_history()

Get messages from a chat history.

The messages are returned in reverse chronological order.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **limit** (int, *optional*) – Limits the number of messages to be retrieved. By default, no limit is applied and all messages are returned.
- **offset** (int, *optional*) – Sequential number of the first message to be returned.. Negative values are also accepted and become useful in case you set offset\_id or offset\_date.
- **offset\_id** (int, *optional*) – Identifier of the first message to be returned.
- **offset\_date** (datetime, *optional*) – Pass a date as offset to retrieve only older messages starting from that date.

#### Returns

Generator – A generator yielding *Message* objects.

#### Example

```
async for message in app.get_chat_history(chat_id):
    print(message.text)
```

## get\_chat\_history\_count()

### Client.get\_chat\_history\_count()

Get the total count of messages in a chat.

---

**Note:** Due to Telegram latest internal changes, the server can't reliably find anymore the total count of messages a **private** or a **basic group** chat has with a single method call. To overcome this limitation, Hydrogram has to iterate over all the messages. Channels and supergroups are not affected by this limitation.

---

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

#### Returns

int – On success, the chat history count is returned.

### Example

```
await app.get_history_count(chat_id)
```

### read\_chat\_history()

`Client.read_chat_history()`

Mark a chat's message history as read.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **max\_id** (`int`, *optional*) – The id of the last message you want to mark as read; all the messages before this one will be marked as read as well. Defaults to 0 (mark every unread message as read).

#### Returns

`bool` - On success, `True` is returned.

### Example

```
# Mark the whole chat as read
await app.read_chat_history(chat_id)

# Mark messages as read only up to the given message id
await app.read_chat_history(chat_id, 12345)
```

### send\_poll()

`Client.send_poll()`

Send a new poll.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **question** (`str`) – Poll question, 1-255 characters.
- **options** (`List` of `str`) – List of answer options, 2-10 strings 1-100 characters each.
- **message\_thread\_id** (`int`, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **is\_anonymous** (`bool`, *optional*) – True, if the poll needs to be anonymous. Defaults to `True`.
- **type** (– `obj`~hydrogram.enums.PollType``, *optional*): Poll type, *QUIZ* or *REGULAR*. Defaults to *REGULAR*.

- **allows\_multiple\_answers** (bool, *optional*) – True, if the poll allows multiple answers, ignored for polls in quiz mode. Defaults to False.
- **correct\_option\_id** (int, *optional*) – 0-based identifier of the correct answer option, required for polls in quiz mode.
- **explanation** (str, *optional*) – Text that is shown when a user chooses an incorrect answer or taps on the lamp icon in a quiz-style poll, 0-200 characters with at most 2 line feeds after entities parsing.
- **explanation\_parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **explanation\_entities** (List of *MessageEntity*) – List of special entities that appear in the poll explanation, which can be specified instead of *parse\_mode*.
- **open\_period** (int, *optional*) – Amount of time in seconds the poll will be active after creation, 5-600. Can't be used together with *close\_date*.
- **close\_date** (datetime, *optional*) – Point in time when the poll will be automatically closed. Must be at least 5 and no more than 600 seconds in the future. Can't be used together with *open\_period*.
- **is\_closed** (bool, *optional*) – Pass True, if the poll needs to be immediately closed. This can be useful for poll preview.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

*Message* – On success, the sent poll message is returned.

**Example**

```
await app.send_poll(chat_id, "Is this a poll question?", ["Yes", "No", "Maybe"])
```

**vote\_poll()**

`Client.vote_poll()`

Vote a poll.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

- **message\_id** (int) – Identifier of the original message with the poll.
- **options** (Int | List of int) – Index or list of indexes (for multiple answers) of the poll option(s) you want to vote for (0 to 9).

### Returns

*Poll* – On success, the poll with the chosen option is returned.

### Example

```
await app.vote_poll(chat_id, message_id, 6)
```

## stop\_poll()

### Client.stop\_poll()

Stop a poll which was sent by you.

Stopped polls can't be reopened and nobody will be able to vote in it anymore.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – Identifier of the original message with the poll.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

### Returns

*Poll* – On success, the stopped poll with the final results is returned.

### Example

```
await app.stop_poll(chat_id, message_id)
```

## retract\_vote()

### Client.retract\_vote()

Retract your vote in a poll.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **message\_id** (int) – Identifier of the original message with the poll.

### Returns

*Poll* – On success, the poll with the retracted vote is returned.

### Example

```
await app.retract_vote(chat_id, message_id)
```

### send\_dice()

Client.**send\_dice**()

Send a dice with a random value from 1 to 6.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **emoji** (str, *optional*) – Emoji on which the dice throw animation is based. Currently, must be one of “”, “”, “”, “”, “”, or “”. Dice can have values 1-6 for “”, “” and “”, values 1-5 for “” and “”, and values 1-64 for “”. Defaults to “”.
- **message\_thread\_id** (int, *optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

*Message* – On success, the sent dice message is returned.

### Example

```
# Send a dice
await app.send_dice(chat_id)

# Send a dart
await app.send_dice(chat_id, "")

# Send a basketball
await app.send_dice(chat_id, "")
```

## search\_messages()

### Client.search\_messages()

Search for text and media messages inside a specific chat.

If you want to get the messages count only, see [search\\_messages\\_count\(\)](#).

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **query** (str, *optional*) – Text query string. Required for text-only messages, optional for media messages (see the **filter** argument). When passed while searching for media messages, the query will be applied to captions. Defaults to “” (empty string).
- **offset** (int, *optional*) – Sequential number of the first message to be returned. Defaults to 0.
- **filter** ([MessagesFilter](#), *optional*) – Pass a filter in order to search for specific kind of messages only. Defaults to any message (no filter).
- **limit** (int, *optional*) – Limits the number of messages to be retrieved. By default, no limit is applied and all messages are returned.
- **from\_user** (int | str, *optional*) – Unique identifier (int) or username (str) of the target user you want to search for messages from.

#### Returns

Generator – A generator yielding [Message](#) objects.

### Example

```
from hydrogram import enums

# Search for text messages in chat. Get the last 120 results
async for message in app.search_messages(chat_id, query="hello", limit=120):
    print(message.text)

# Search for pinned messages in chat
async for message in app.search_messages(chat_id, filter=enums.MessagesFilter.
↳ PINNED):
    print(message.text)

# Search for messages containing "hello" sent by yourself in chat
async for message in app.search_messages(chat, "hello", from_user="me"):
    print(message.text)
```

## search\_messages\_count()

### Client.search\_messages\_count()

Get the count of messages resulting from a search inside a chat.

If you want to get the actual messages, see [search\\_messages\(\)](#).

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **query** (`str`, *optional*) – Text query string. Required for text-only messages, optional for media messages (see the `filter` argument). When passed while searching for media messages, the query will be applied to captions. Defaults to “” (empty string).
- **filter** ([MessagesFilter](#), *optional*) – Pass a filter in order to search for specific kind of messages only:
- **from\_user** (`int` | `str`, *optional*) – Unique identifier (`int`) or username (`str`) of the target user you want to search for messages from.

#### Returns

`int` – On success, the messages count is returned.

## search\_global()

### Client.search\_global()

Search messages globally from all of your chats.

If you want to get the messages count only, see [search\\_global\\_count\(\)](#).

---

**Note:** Due to server-side limitations, you can only get up to around ~10,000 messages and each message retrieved will not have any `reply_to_message` field.

---

#### Parameters

- **query** (`str`, *optional*) – Text query string. Use “@” to search for mentions.
- **filter** ([MessagesFilter](#), *optional*) – Pass a filter in order to search for specific kind of messages only. Defaults to any message (no filter).
- **limit** (`int`, *optional*) – Limits the number of messages to be retrieved. By default, no limit is applied and all messages are returned.

#### Returns

Generator – A generator yielding [Message](#) objects.

### Example

```
from hydrogram import enums

# Search for "hydrogram". Get the first 50 results
async for message in app.search_global("hydrogram", limit=50):
    print(message.text)

# Search for recent photos from Global. Get the first 20 results
async for message in app.search_global(filter=enums.MessagesFilter.PHOTO, limit=20):
    print(message.photo)
```

### search\_global\_count()

`Client.search_global_count()`

Get the count of messages resulting from a global search.

If you want to get the actual messages, see [search\\_global\(\)](#).

#### Parameters

- **query** (*str, optional*) – Text query string. Use “@” to search for mentions.
- **filter** (*MessagesFilter, optional*) – Pass a filter in order to search for specific kind of messages only:

#### Returns

`int` – On success, the messages count is returned.

### download\_media()

`Client.download_media()`

Download the media from a message.

#### Parameters

- **message** (*Message | str*) – Pass a Message containing the media, the media itself (`message.audio`, `message.video`, ...) or a file id as string.
- **file\_name** (*str, optional*) – A custom *file\_name* to be used instead of the one provided by Telegram. By default, all files are downloaded in the *downloads* folder in your working directory. You can also specify a path for downloading files in a custom location: paths that end with “/” are considered directories. All non-existent folders will be created automatically.
- **in\_memory** (*bool, optional*) – Pass True to download the media in-memory. A binary file-like object with its attribute “*name*” set will be returned. Defaults to False.
- **block** (*bool, optional*) – Blocks the code execution until the file has been downloaded. Defaults to True.
- **progress** (*Callable, optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.



- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

str | None | BinaryIO – On success, the absolute path of the downloaded file is returned, otherwise, in case the download failed or was deliberately stopped with [stop\\_transmission\(\)](#), None is returned. Otherwise, in case **in\_memory=True**, a binary file-like object with its attribute “.name” set is returned.

#### Raises

**ValueError** – if the message doesn’t contain any downloadable media

### Example

Download media to file

```
# Download from Message
await app.download_media(message)

# Download from file id
await app.download_media(message.photo.file_id)

# Keep track of the progress while downloading
async def progress(current, total):
    print(f"{current * 100 / total:.1f}%")

await app.download_media(message, progress=progress)
```

Download media in-memory

```
file = await app.download_media(message, in_memory=True)

file_name = file.name
file_bytes = bytes(file.getbuffer())
```

## stream\_media()

### Client.stream\_media()

Stream the media from a message chunk by chunk.

You can use this method to partially download a file into memory or to selectively download chunks of file. The chunk maximum size is 1 MiB (1024 \* 1024 bytes).

#### Parameters

- **message** (*Message* | str) – Pass a Message containing the media, the media itself (message.audio, message.video, ...) or a file id as string.
- **limit** (int, *optional*) – Limit the amount of chunks to stream. Defaults to 0 (stream the whole media).
- **offset** (int, *optional*) – How many chunks to skip before starting to stream. Defaults to 0 (start from the beginning).

#### Returns

Generator – A generator yielding bytes chunk by chunk

### Example

```
# Stream the whole media
async for chunk in app.stream_media(message):
    print(len(chunk))

# Stream the first 3 chunks only
async for chunk in app.stream_media(message, limit=3):
    print(len(chunk))

# Stream the rest of the media by skipping the first 3 chunks
async for chunk in app.stream_media(message, offset=3):
    print(len(chunk))

# Stream the last 3 chunks only (negative offset)
async for chunk in app.stream_media(message, offset=-3):
    print(len(chunk))
```

## get\_discussion\_message()

### Client.get\_discussion\_message()

Get the first discussion message of a channel post or a discussion thread in a group.

Reply to the returned message to leave a comment on the linked channel post or to continue the discussion thread.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int) – Message id.

### Example

```
# Get the discussion message
m = await app.get_discussion_message(channel_id, message_id)

# Comment to the post by replying
await m.reply("comment")
```

## get\_discussion\_replies()

### Client.get\_discussion\_replies()

Get the message replies of a discussion thread.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int) – Message id.
- **limit** (int, *optional*) – Limits the number of messages to be retrieved. By default, no limit is applied and all messages are returned.

### Example

```
async for message in app.get_discussion_replies(chat_id, message_id):
    print(message)
```

## get\_discussion\_replies\_count()

### Client.get\_discussion\_replies\_count()

Get the total count of replies in a discussion thread.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int) – Message id.

### Example

```
count = await app.get_discussion_replies_count(chat_id, message_id)
```

## get\_custom\_emoji\_stickers()

### Client.get\_custom\_emoji\_stickers()

Get information about custom emoji stickers by their identifiers.

#### Parameters

**custom\_emoji\_ids** (List of int) – List of custom emoji identifiers. At most 200 custom emoji identifiers can be specified.

#### Returns

List of *Sticker* – On success, a list of sticker objects is returned.

## Chats

|                                |  |
|--------------------------------|--|
| <i>join_chat</i>               | Join a group chat or channel.  |
| <i>leave_chat</i>              | Leave a group chat or channel.   |
| <i>ban_chat_member</i>         | Ban a user from a group, a supergroup or a channel.                    |
| <i>unban_chat_member</i>       | Unban a previously banned user in a supergroup or channel.             |
| <i>restrict_chat_member</i>    | Restrict a user in a supergroup.                                       |
| <i>promote_chat_member</i>     | Promote or demote a user in a supergroup or a channel.                 |
| <i>set_administrator_title</i> | Set a custom title (rank) to an administrator of a supergroup.         |
| <i>set_chat_photo</i>          | Set a new chat photo or video (H.264/MPEG-4 AVC video, max 5 seconds). |
| <i>delete_chat_photo</i>       | Delete a chat photo.   |
| <i>set_chat_title</i>          | Change the title of a chat.  |
| <i>set_chat_description</i>    | Change the description of a supergroup or a channel.                   |
| <i>set_chat_permissions</i>    | Set default chat permissions for all members.                          |
| <i>pin_chat_message</i>        | Pin a message in a group, channel or your own chat.                    |
| <i>unpin_chat_message</i>      | Unpin a message in a group, channel or your own chat.                  |
| <i>unpin_all_chat_messages</i> | Use this method to clear the list of pinned messages in a chat.        |
| <i>get_chat</i>                | Get up to date information about a chat.                               |
| <i>get_chat_member</i>         | Get information about one member of a chat.                            |
| <i>get_chat_members</i>        | Get the members list of a chat.  |
| <i>get_chat_members_count</i>  | Get the number of members in a chat.                                   |
| <i>get_dialogs</i>             | Get a user's dialogs sequentially.                                     |
| <i>get_dialogs_count</i>       | Get the total count of your dialogs.                                   |
| <i>set_chat_username</i>       | Set a channel or a supergroup username.                                |
| <i>get_nearby_chats</i>        | Get nearby chats.  |
| <i>archive_chats</i>           | Archive one or more chats.   |
| <i>unarchive_chats</i>         | Unarchive one or more chats.   |
| <i>add_chat_members</i>        | Add new chat members to a group, supergroup or channel                 |
| <i>create_channel</i>          | Create a new broadcast channel.  |
| <i>create_group</i>            | Create a new basic group.  |
| <i>create_supergroup</i>       | Create a new supergroup.   |
| <i>delete_channel</i>          | Delete a channel.  |
| <i>delete_supergroup</i>       | Delete a supergroup.   |

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|   |   |
|---|---|
| <code>delete_user_history</code>        | Delete all messages sent by a certain user in a supergroup.               |
| <code>set_slow_mode</code>              | Set the slow mode interval for a chat.                                    |
| <code>mark_chat_unread</code>           | Mark a chat as unread.  |
| <code>get_chat_event_log</code>         | Get the actions taken by chat members and administrators in the last 48h. |
| <code>get_chat_online_count</code>      | Get the number of members that are currently online in a chat.            |
| <code>get_send_as_chats</code>          | Get the list of "send_as" chats available.                                |
| <code>set_send_as_chat</code>           | Set the default "send_as" chat for a chat.                                |
| <code>set_chat_protected_content</code> | Set the chat protected content setting.                                   |

## join\_chat()

### Client.join\_chat()

Join a group chat or channel.

#### Parameters

**chat\_id** (int | str) – Unique identifier for the target chat in form of a *t.me/joinchat/* link, a username of the target channel/supergroup (in the format @username) or a chat id of a linked chat (channel or supergroup).

#### Returns

*Chat* – On success, a chat object is returned.

### Example

```
# Join chat via invite link
await app.join_chat("https://t.me/+AbCdEf0123456789")

# Join chat via username
await app.join_chat("hydrogram")

# Join a linked chat
await app.join_chat(app.get_chat("hydrogram").linked_chat.id)
```

## leave\_chat()

### Client.leave\_chat()

Leave a group chat or channel.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **delete** (bool, optional) – Deletes the group chat dialog after leaving (for simple group chats, not supergroups). Defaults to False.

### Example

```
# Leave chat or channel
await app.leave_chat(chat_id)

# Leave basic chat and also delete the dialog
await app.leave_chat(chat_id, delete=True)
```

### ban\_chat\_member()

#### Client.ban\_chat\_member()

Ban a user from a group, a supergroup or a channel. In the case of supergroups and channels, the user will not be able to return to the group on their own using invite links, etc., unless unbanned first. You must be an administrator in the chat for this to work and must have the appropriate admin rights.

---

**Note:** In regular groups (non-supergroups), this method will only work if the “All Members Are Admins” setting is off in the target group. Otherwise members may only be removed by the group’s creator or by the member that added them.

---

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **until\_date** (datetime, optional) – Date when the user will be unbanned. If user is banned for more than 366 days or less than 30 seconds from the current time they are considered to be banned forever. Defaults to epoch (ban forever).

#### Returns

*Message* | bool – On success, a service message will be returned (when applicable), otherwise, in case a message object couldn’t be returned, True is returned.

### Example

```
from datetime import datetime, timedelta

# Ban chat member forever
await app.ban_chat_member(chat_id, user_id)

# Ban chat member and automatically unban after 24h
await app.ban_chat_member(chat_id, user_id, datetime.now() + timedelta(days=1))
```

## unban\_chat\_member()

### Client.unban\_chat\_member()

Unban a previously banned user in a supergroup or channel. The user will **not** return to the group or channel automatically, but will be able to join via link, etc. You must be an administrator for this to work.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).

#### Returns

bool – True on success.

### Example

```
# Unban chat member right now
await app.unban_chat_member(chat_id, user_id)
```

## restrict\_chat\_member()

### Client.restrict\_chat\_member()

Restrict a user in a supergroup.

You must be an administrator in the supergroup for this to work and must have the appropriate admin rights. Pass True for all permissions to lift restrictions from a user.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **permissions** (*ChatPermissions*) – New user permissions.
- **until\_date** (datetime, optional) – Date when the user will be unbanned. If user is banned for more than 366 days or less than 30 seconds from the current time they are considered to be banned forever. Defaults to epoch (ban forever).

#### Returns

*Chat* – On success, a chat object is returned.

### Example

```
from datetime import datetime, timedelta
from hydrogram.types import ChatPermissions

# Completely restrict chat member (mute) forever
await app.restrict_chat_member(chat_id, user_id, ChatPermissions())

# Chat member muted for 24h
await app.restrict_chat_member(
    chat_id, user_id, ChatPermissions(), datetime.now() + timedelta(days=1)
)

# Chat member can only send text messages
await app.restrict_chat_member(chat_id, user_id, ChatPermissions(can_send_
    ↪messages=True))
```

### `promote_chat_member()`

`Client.promote_chat_member()`

Promote or demote a user in a supergroup or a channel.

You must be an administrator in the chat for this to work and must have the appropriate admin rights. Pass False for all boolean parameters to demote a user.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **privileges** (*ChatPrivileges*, optional) – New user privileges.

#### Returns

bool – True on success.

### Example

```
# Promote chat member to admin
await app.promote_chat_member(chat_id, user_id)
```

### `set_administrator_title()`

`Client.set_administrator_title()`

Set a custom title (rank) to an administrator of a supergroup.

If you are an administrator of a supergroup (i.e. not the owner), you can only set the title of other administrators who have been promoted by you. If you are the owner, you can change every administrator's title.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.



- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **title** (str, *optional*) – A custom title that will be shown to all members instead of “Owner” or “Admin”. Pass None or “” (empty string) to remove the custom title.

**Returns**

bool – True on success.

**Example**

```
await app.set_administrator_title(chat_id, user_id, "Admin Title")
```

**set\_chat\_photo()****Client.set\_chat\_photo()**

Set a new chat photo or video (H.264/MPEG-4 AVC video, max 5 seconds).

The **photo** and **video** arguments are mutually exclusive. Pass either one as named argument (see examples below).

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

**Parameters**

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **photo** (str | BinaryIO, *optional*) – New chat photo. You can pass a *Photo* file\_id, a file path to upload a new photo from your local machine or a binary file-like object with its attribute “.name” set for in-memory uploads.
- **video** (str | BinaryIO, *optional*) – New chat video. You can pass a *Video* file\_id, a file path to upload a new video from your local machine or a binary file-like object with its attribute “.name” set for in-memory uploads.
- **video\_start\_ts** (float, *optional*) – The timestamp in seconds of the video frame to use as photo profile preview.

**Returns**

bool – True on success.

**Raises**

**ValueError** – if a chat\_id belongs to user.

**Example**

```
# Set chat photo using a local file
await app.set_chat_photo(chat_id, photo="photo.jpg")

# Set chat photo using an existing Photo file_id
await app.set_chat_photo(chat_id, photo=photo.file_id)

# Set chat video using a local file
```

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```
await app.set_chat_photo(chat_id, video="video.mp4")

# Set chat photo using an existing Video file_id
await app.set_chat_photo(chat_id, video=video.file_id)
```

## delete\_chat\_photo()

### Client.delete\_chat\_photo()

Delete a chat photo.

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

#### Returns

bool – True on success.

#### Raises

**ValueError** – if a chat\_id belongs to user.

## Example

```
await app.delete_chat_photo(chat_id)
```

## set\_chat\_title()

### Client.set\_chat\_title()

Change the title of a chat. Titles can't be changed for private chats. You must be an administrator in the chat for this to work and must have the appropriate admin rights.

---

**Note:** In regular groups (non-supergroups), this method will only work if the “All Members Are Admins” setting is off.

---

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **title** (str) – New chat title, 1-255 characters.

#### Returns

bool – True on success.

#### Raises

**ValueError** – In case a chat id belongs to user.

### Example

```
await app.set_chat_title(chat_id, "New Title")
```

### set\_chat\_description()

#### Client.set\_chat\_description()

Change the description of a supergroup or a channel. You must be an administrator in the chat for this to work and must have the appropriate admin rights.

##### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat.
- **description** (`str`) – New chat description, 0-255 characters.

##### Returns

`bool` – True on success.

##### Raises

**ValueError** – if a `chat_id` doesn't belong to a supergroup or a channel.

### Example

```
await app.set_chat_description(chat_id, "New Description")
```

### set\_chat\_permissions()

#### Client.set\_chat\_permissions()

Set default chat permissions for all members.

You must be an administrator in the group or a supergroup for this to work and must have the *can\_restrict\_members* admin rights.

##### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat.
- **permissions** (*ChatPermissions*) – New default chat permissions.

##### Returns

*Chat* – On success, a chat object is returned.

### Example

```
from hydrogram.types import ChatPermissions

# Completely restrict chat
await app.set_chat_permissions(chat_id, ChatPermissions())

# Chat members can only send text messages and media messages
await app.set_chat_permissions(
    chat_id, ChatPermissions(can_send_messages=True, can_send_media_messages=True)
)
```

### pin\_chat\_message()

#### Client.pin\_chat\_message()

Pin a message in a group, channel or your own chat. You must be an administrator in the chat for this to work and must have the “can\_pin\_messages” admin right in the supergroup or “can\_edit\_messages” admin right in the channel.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int) – Identifier of a message to pin.
- **disable\_notification** (bool, *optional*) – Pass True, if it is not necessary to send a notification to all chat members about the new pinned message. Notifications are always disabled in channels.
- **both\_sides** (bool, *optional*) – Pass True to pin the message for both sides (you and recipient). Applicable to private chats only. Defaults to False.

#### Returns

*Message* – On success, the service message is returned.

### Example

```
# Pin with notification
await app.pin_chat_message(chat_id, message_id)

# Pin without notification
await app.pin_chat_message(chat_id, message_id, disable_notification=True)
```

## unpin\_chat\_message()

### Client.unpin\_chat\_message()

Unpin a message in a group, channel or your own chat. You must be an administrator in the chat for this to work and must have the “can\_pin\_messages” admin right in the supergroup or “can\_edit\_messages” admin right in the channel.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **message\_id** (int, *optional*) – Identifier of a message to unpin. If not specified, the most recent pinned message (by sending date) will be unpinned.

#### Returns

bool – True on success.

#### Example

```
await app.unpin_chat_message(chat_id, message_id)
```

## unpin\_all\_chat\_messages()

### Client.unpin\_all\_chat\_messages()

Use this method to clear the list of pinned messages in a chat. If the chat is not a private chat, the bot must be an administrator in the chat for this to work and must have the ‘can\_pin\_messages’ admin right in a supergroup or ‘can\_edit\_messages’ admin right in a channel.

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

#### Returns

bool – True on success.

#### Example

```
# Unpin all chat messages
await app.unpin_all_chat_messages(chat_id)
```

## get\_chat()

### Client.get\_chat()

Get up to date information about a chat.

Information include current name of the user for one-on-one conversations, current username of a user, group or channel, etc.

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. Unique identifier for the target chat in form of a *t.me/joinchat/* link, identifier (int) or username of the target channel/supergroup (in the format @username).

### Returns

[Chat](#) | [ChatPreview](#) – On success, if you’ve already joined the chat, a chat object is returned, otherwise, a chat preview object is returned.

### Raises

[ValueError](#) – In case the chat invite link points to a chat you haven’t joined yet.

### Example

```
chat = await app.get_chat("hydrogram")
print(chat)
```

## get\_chat\_member()

`Client.get_chat_member()`

Get information about one member of a chat.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For you yourself you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

### Returns

[ChatMember](#) – On success, a chat member is returned.

### Example

```
member = await app.get_chat_member(chat_id, "me")
print(member)
```

## get\_chat\_members()

`Client.get_chat_members()`

Get the members list of a chat.

A chat can be either a basic group, a supergroup or a channel. Requires administrator rights in channels.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **query** (str, *optional*) – Query string to filter members based on their display names and usernames. Only applicable to supergroups and channels. Defaults to “” (empty string). A query string is applicable only for [SEARCH](#), [BANNED](#) and [RESTRICTED](#) filters only.
- **limit** (int, *optional*) – Limits the number of members to be retrieved.
- **filter** ([ChatMembersFilter](#), *optional*) – Filter used to select the kind of members you want to retrieve. Only applicable for supergroups and channels.

**Returns**

Generator – On success, a generator yielding *ChatMember* objects is returned.

**Example**

```
from hydrogram import enums

# Get members
async for member in app.get_chat_members(chat_id):
    print(member)

# Get administrators
administrators = []
async for m in app.get_chat_members(
    chat_id, filter=enums.ChatMembersFilter.ADMINISTRATORS
):
    administrators.append(m)

# Get bots
bots = []
async for m in app.get_chat_members(chat_id, filter=enums.ChatMembersFilter.BOTS):
    bots.append(m)
```

**get\_chat\_members\_count()**

`Client.get_chat_members_count()`

Get the number of members in a chat.

**Parameters**

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

**Returns**

int – On success, the chat members count is returned.

**Raises**

**ValueError** – In case a chat id belongs to user.

**Example**

```
count = await app.get_chat_members_count(chat_id)
print(count)
```

## get\_dialogs()

### Client.get\_dialogs()

Get a user's dialogs sequentially.

#### Parameters

**limit** (int, *optional*) – Limits the number of dialogs to be retrieved. By default, no limit is applied and all dialogs are returned.

#### Returns

Generator – A generator yielding *Dialog* objects.

### Example

```
# Iterate through all dialogs
async for dialog in app.get_dialogs():
    print(dialog.chat.first_name or dialog.chat.title)
```

## get\_dialogs\_count()

### Client.get\_dialogs\_count()

Get the total count of your dialogs.

#### Parameters

**pinned\_only** (bool, *optional*) – Pass True if you want to count only pinned dialogs. Defaults to False.

#### Returns

int – On success, the dialogs count is returned.

### Example

```
count = await app.get_dialogs_count()
print(count)
```

## set\_chat\_username()

### Client.set\_chat\_username()

Set a channel or a supergroup username.

To set your own username (for users only, not bots) you can use *set\_username()*.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **username** (str | None) – Username to set. Pass "" (empty string) or None to remove the username.

#### Returns

bool – True on success.



**Raises**

**ValueError** – In case a chat id belongs to a user or chat.

**Example**

```
await app.set_chat_username(chat_id, "new_username")
```

**get\_nearby\_chats()**

**Client.get\_nearby\_chats()**

Get nearby chats.

**Parameters**

- **latitude** (float) – Latitude of the location.
- **longitude** (float) – Longitude of the location.

**Returns**

List of *Chat* – On success, a list of nearby chats is returned.

**Example**

```
chats = await app.get_nearby_chats(latitude, longitude)
print(chats)
```

**archive\_chats()**

**Client.archive\_chats()**

Archive one or more chats.

**Parameters**

**chat\_ids** (int | str | List[int, str]) – Unique identifier (int) or username (str) of the target chat. You can also pass a list of ids (int) or usernames (str).

**Returns**

bool – On success, True is returned.

**Example**

```
# Archive chat
await app.archive_chats(chat_id)

# Archive multiple chats at once
await app.archive_chats([chat_id1, chat_id2, chat_id3])
```

## unarchive\_chats()

`Client.unarchive_chats()`

Unarchive one or more chats.

### Parameters

**chat\_ids** (int | str | List[int, str]) – Unique identifier (int) or username (str) of the target chat. You can also pass a list of ids (int) or usernames (str).

### Returns

bool – On success, True is returned.

### Example

```
# Unarchive chat
await app.unarchive_chats(chat_id)

# Unarchive multiple chats at once
await app.unarchive_chats([chat_id1, chat_id2, chat_id3])
```

## add\_chat\_members()

`Client.add_chat_members()`

Add new chat members to a group, supergroup or channel

### Parameters

- **chat\_id** (int | str) – The group, supergroup or channel id
- **user\_ids** (int | str | List of int or str) – Users to add in the chat You can pass an ID (int), username (str) or phone number (str). Multiple users can be added by passing a list of IDs, usernames or phone numbers.
- **forward\_limit** (int, *optional*) – How many of the latest messages you want to forward to the new members. Pass 0 to forward none of them. Only applicable to basic groups (the argument is ignored for supergroups or channels). Defaults to 100 (max amount).

### Returns

bool – On success, True is returned.

### Example

```
# Add one member to a group or channel
await app.add_chat_members(chat_id, user_id)

# Add multiple members to a group or channel
await app.add_chat_members(chat_id, [user_id1, user_id2, user_id3])

# Change forward_limit (for basic groups only)
await app.add_chat_members(chat_id, user_id, forward_limit=25)
```

## create\_channel()

### Client.create\_channel()

Create a new broadcast channel.

#### Parameters

- **title** (str) – The channel title.
- **description** (str, *optional*) – The channel description.

#### Returns

[Chat](#) – On success, a chat object is returned.

### Example

```
await app.create_channel("Channel Title", "Channel Description")
```

## create\_group()

### Client.create\_group()

Create a new basic group.

---

**Note:** If you want to create a new supergroup, use [create\\_supergroup\(\)](#) instead.

---

#### Parameters

- **title** (str) – The group title.
- **users** (int | str | List of int or str) – Users to create a chat with. You must pass at least one user using their IDs (int), usernames (str) or phone numbers (str). Multiple users can be invited by passing a list of IDs, usernames or phone numbers.

#### Returns

[Chat](#) – On success, a chat object is returned.

### Example

```
await app.create_group("Group Title", user_id)
```

## create\_supergroup()

### Client.create\_supergroup()

Create a new supergroup.

---

**Note:** If you want to create a new basic group, use [create\\_group\(\)](#) instead.

---

#### Parameters

- **title** (str) – The supergroup title.
- **description** (str, *optional*) – The supergroup description.

### Returns

*Chat* – On success, a chat object is returned.

### Example

```
await app.create_supergroup("Supergroup Title", "Supergroup Description")
```

## delete\_channel()

Client.delete\_channel()

Delete a channel.

### Parameters

**chat\_id** (int | str) – The id of the channel to be deleted.

### Returns

bool – On success, True is returned.

### Example

```
await app.delete_channel(channel_id)
```

## delete\_supergroup()

Client.delete\_supergroup()

Delete a supergroup.

### Parameters

**chat\_id** (int | str) – The id of the supergroup to be deleted.

### Returns

bool – On success, True is returned.

### Example

```
await app.delete_supergroup(supergroup_id)
```

## delete\_user\_history()

### Client.delete\_user\_history()

Delete all messages sent by a certain user in a supergroup.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **user\_id** (int | str) – Unique identifier (int) or username (str) of the user whose messages will be deleted.

#### Returns

bool – True on success, False otherwise.

## set\_slow\_mode()

### Client.set\_slow\_mode()

Set the slow mode interval for a chat.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **seconds** (int | None) – Seconds in which members will be able to send only one message per this interval. Valid values are: 0 or None (off), 10, 30, 60 (1m), 300 (5m), 900 (15m) or 3600 (1h).

#### Returns

bool – True on success.

### Example

```
# Set slow mode to 60 seconds
await app.set_slow_mode(chat_id, 60)

# Disable slow mode
await app.set_slow_mode(chat_id, None)
```

## mark\_chat\_unread()

### Client.mark\_chat\_unread()

Mark a chat as unread.

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

#### Returns

bool – On success, True is returned.

## get\_chat\_event\_log()

### Client.get\_chat\_event\_log()

Get the actions taken by chat members and administrators in the last 48h.

Only available for supergroups and channels. Requires administrator rights. Results are returned in reverse chronological order (i.e., newest first).

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat.
- **query** (`str`, *optional*) – Search query to filter events based on text. By default, an empty query is applied and all events will be returned.
- **offset\_id** (`int`, *optional*) – Offset event identifier from which to start returning results. By default, no offset is applied and events will be returned starting from the latest.
- **limit** (`int`, *optional*) – Maximum amount of events to be returned. By default, all events will be returned.
- **filters** (*ChatEventFilter*, *optional*) – The types of events to return. By default, all types will be returned.
- **user\_ids** (List of `int` | `str`, *optional*) – User identifiers (`int`) or usernames (`str`) by which to filter events. By default, events relating to all users will be returned.

#### Yields

*ChatEvent* objects.

#### Example

```
async for event in app.get_chat_event_log(chat_id):  
    print(event)
```

## get\_chat\_online\_count()

### Client.get\_chat\_online\_count()

Get the number of members that are currently online in a chat.

#### Parameters

**chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat.

#### Returns

`int` – On success, the chat members online count is returned.

### Example

```
online = await app.get_chat_online_count(chat_id)
print(online)
```

### get\_send\_as\_chats()

`Client.get_send_as_chats()`

Get the list of “send\_as” chats available.

#### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.

#### Returns

List[[Chat](#)] – The list of chats.

### Example

```
chats = await app.get_send_as_chats(chat_id)
print(chats)
```

### set\_send\_as\_chat()

`Client.set_send_as_chat()`

Set the default “send\_as” chat for a chat.

Use [get\\_send\\_as\\_chats\(\)](#) to get all the “send\_as” chats available for use.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **send\_as\_chat\_id** (int | str) – Unique identifier (int) or username (str) of the send\_as chat.

#### Returns

bool – On success, true is returned

### Example

```
await app.set_send_as_chat(chat_id, send_as_chat_id)
```

## set\_chat\_protected\_content()

`Client.set_chat_protected_content()`

Set the chat protected content setting.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat.
- **enabled** (bool) – Pass True to enable the protected content setting, False to disable.

### Returns

bool – On success, True is returned.

## Users

|   |   |
|---|---|
| <code>get_me</code>                     | Get your own user identity.   |
| <code>get_users</code>                  | Get information about a user.   |
| <code>get_chat_photos</code>            | Get a chat or a user profile photos sequentially.                         |
| <code>get_chat_photos_count</code>      | Get the total count of photos for a chat.                                 |
| <code>set_profile_photo</code>          | Set a new profile photo or video (H.264/MPEG-4 AVC video, max 5 seconds). |
| <code>delete_profile_photos</code>      | Delete your own profile photos.   |
| <code>set_username</code>               | Set your own username.  |
| <code>update_profile</code>             | Update your profile details such as first name, last name and bio.        |
| <code>block_user</code>                 | Block a user.   |
| <code>unblock_user</code>               | Unblock a user.   |
| <code>get_common_chats</code>           | Get the common chats you have with a user.                                |
| <code>get_default_emoji_statuses</code> | Get the default emoji statuses.   |
| <code>set_emoji_status</code>           | Set the emoji status.   |

## get\_me()

`Client.get_me()`

Get your own user identity.

### Returns

*User* – Information about the own logged in user/bot.

### Example

```
me = await app.get_me()
print(me)
```



## get\_users()

### Client.get\_users()

Get information about a user. You can retrieve up to 200 users at once.

#### Parameters

**user\_ids** (int | str | Iterable of int or str) – A list of User identifiers (id or username) or a single user id/username. For a contact that exists in your Telegram address book you can use his phone number (str).

#### Returns

*User* | List of *User* – In case *user\_ids* was not a list, a single user is returned, otherwise a list of users is returned.

### Example

```
# Get information about one user
await app.get_users("me")

# Get information about multiple users at once
await app.get_users([user_id1, user_id2, user_id3])
```

## get\_chat\_photos()

### Client.get\_chat\_photos()

Get a chat or a user profile photos sequentially.

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **limit** (int, *optional*) – Limits the number of profile photos to be retrieved. By default, no limit is applied and all profile photos are returned.

#### Returns

Generator – A generator yielding *Photo* objects.

### Example

```
async for photo in app.get_chat_photos("me"):
    print(photo)
```

## get\_chat\_photos\_count()

`Client.get_chat_photos_count()`

Get the total count of photos for a chat.

### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

### Returns

int – On success, the user profile photos count is returned.

### Example

```
count = await app.get_chat_photos_count("me")
print(count)
```

## set\_profile\_photo()

`Client.set_profile_photo()`

Set a new profile photo or video (H.264/MPEG-4 AVC video, max 5 seconds).

The photo and video arguments are mutually exclusive. Pass either one as named argument (see examples below).

---

**Note:** This method only works for Users. Bots profile photos must be set using BotFather.

---

### Parameters

- **photo** (str | BinaryIO, *optional*) – Profile photo to set. Pass a file path as string to upload a new photo that exists on your local machine or pass a binary file-like object with its attribute “.name” set for in-memory uploads.
- **video** (str | BinaryIO, *optional*) – Profile video to set. Pass a file path as string to upload a new video that exists on your local machine or pass a binary file-like object with its attribute “.name” set for in-memory uploads.

### Returns

bool – True on success.

### Example

```
# Set a new profile photo
await app.set_profile_photo(photo="new_photo.jpg")

# Set a new profile video
await app.set_profile_photo(video="new_video.mp4")
```

## delete\_profile\_photos()

### Client.delete\_profile\_photos()

Delete your own profile photos.

#### Parameters

**photo\_ids** (str | List of str) – A single *Photo* id as string or multiple ids as list of strings for deleting more than one photos at once.

#### Returns

bool – True on success.

### Example

```

# Get the photos to be deleted
photos = [p async for p in app.get_chat_photos("me")]

# Delete one photo
await app.delete_profile_photos(photos[0].file_id)

# Delete the rest of the photos
await app.delete_profile_photos([p.file_id for p in photos[1:]])

```

## set\_username()

### Client.set\_username()

Set your own username.

This method only works for users, not bots. Bot usernames must be changed via Bot Support or by recreating them from scratch using BotFather. To set a channel or supergroup username you can use [set\\_chat\\_username\(\)](#).

#### Parameters

**username** (str | None) – Username to set. "" (empty string) or None to remove it.

#### Returns

bool – True on success.

### Example

```

await app.set_username("new_username")

```

### update\_profile()

#### Client.update\_profile()

Update your profile details such as first name, last name and bio.

You can omit the parameters you don't want to change.

#### Parameters

- **first\_name** (str, *optional*) – The new first name.
- **last\_name** (str, *optional*) – The new last name. Pass "" (empty string) to remove it.
- **bio** (str, *optional*) – The new bio, also known as "about". Max 70 characters. Pass "" (empty string) to remove it.

#### Returns

bool – True on success.

### Example

```
# Update your first name only
await app.update_profile(first_name="Hydrogram")

# Update first name and bio
await app.update_profile(first_name="Hydrogram", bio="https://docs.hydrogram.org/")

# Remove the last name
await app.update_profile(last_name="")
```

### block\_user()

#### Client.block\_user()

Block a user.

#### Parameters

**user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For you yourself you can simply use "me" or "self". For a contact that exists in your Telegram address book you can use his phone number (str).

#### Returns

bool – True on success

### Example

```
await app.block_user(user_id)
```

## unblock\_user()

`Client.unblock_user()`

Unblock a user.

### Parameters

**user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For you yourself you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

### Returns

bool – True on success

### Example

```
await app.unblock_user(user_id)
```

## get\_common\_chats()

`Client.get_common_chats()`

Get the common chats you have with a user.

### Parameters

**user\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).

### Returns

List of *Chat* – On success, a list of the common chats is returned.

### Raises

**ValueError** – If the user\_id doesn't belong to a user.

### Example

```
common = await app.get_common_chats(user_id)
print(common)
```

## get\_default\_emoji\_statuses()

`Client.get_default_emoji_statuses()`

Get the default emoji statuses.

### Returns

List of *EmojiStatus* – On success, a list of emoji statuses is returned.

### Example

```
default_emoji_statuses = await app.get_default_emoji_statuses()
print(default_emoji_statuses)
```

### set\_emoji\_status()

Client.set\_emoji\_status()

Set the emoji status.

#### Parameters

**emoji\_status** (*EmojiStatus*, *optional*) – The emoji status to set. None to remove.

#### Returns

bool – On success, True is returned.

### Example

```
from hydrogram import types
await app.set_emoji_status(types.EmojiStatus(custom_emoji_id=1234567890987654321))
```

## Invite Links

|   |  |
|---|--|
| <code>get_chat_invite_link</code>               | Get detailed information about a chat invite link.   |
| <code>export_chat_invite_link</code>            | Generate a new primary invite link for a chat; any previously generated primary link is revoked. |
| <code>create_chat_invite_link</code>            | Create an additional invite link for a chat.   |
| <code>edit_chat_invite_link</code>              | Edit a non-primary invite link.  |
| <code>revoke_chat_invite_link</code>            | Revoke a previously created invite link.   |
| <code>delete_chat_invite_link</code>            | Delete an already revoked invite link.   |
| <code>get_chat_invite_link_joiners</code>       | Get the members who joined the chat with the invite link.  |
| <code>get_chat_invite_link_joiners_count</code> | Get the count of the members who joined the chat with the invite link.                           |
| <code>get_chat_admin_invite_links</code>        | Get the invite links created by an administrator in a chat.                                      |
| <code>get_chat_admin_invite_links_count</code>  | Get the count of the invite links created by an administrator in a chat.                         |
| <code>get_chat_admins_with_invite_links</code>  | Get the list of the administrators that have exported invite links in a chat.                    |
| <code>get_chat_join_requests</code>             | Get the pending join requests of a chat.   |
| <code>delete_chat_admin_invite_links</code>     | Delete all revoked invite links of an administrator.   |
| <code>approve_chat_join_request</code>          | Approve a chat join request.   |
| <code>approve_all_chat_join_requests</code>     | Approve all pending join requests in a chat.   |
| <code>decline_chat_join_request</code>          | Decline a chat join request.   |
| <code>decline_all_chat_join_requests</code>     | Decline all pending join requests in a chat.   |

## get\_chat\_invite\_link()

### Client.get\_chat\_invite\_link()

Get detailed information about a chat invite link.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (str) – The invite link.

#### Returns

*ChatInviteLink* – On success, the invite link is returned.

## export\_chat\_invite\_link()

### Client.export\_chat\_invite\_link()

Generate a new primary invite link for a chat; any previously generated primary link is revoked.

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

---

**Note:** Each administrator in a chat generates their own invite links. Bots can't use invite links generated by other administrators. If you want your bot to work with invite links, it will need to generate its own link using this method – after this the link will become available to the bot via the [get\\_chat\(\)](#) method. If your bot needs to generate a new invite link replacing its previous one, use this method again.

---

#### Parameters

**chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).

#### Returns

str – On success, the new invite link as string is returned.

## Example

```
# Generate a new primary link
link = await app.export_chat_invite_link(chat_id)
```

## create\_chat\_invite\_link()

### Client.create\_chat\_invite\_link()

Create an additional invite link for a chat.

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

The link can be revoked using the method [revoke\\_chat\\_invite\\_link\(\)](#).

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).

- **name** (*str, optional*) – Invite link name.
- **expire\_date** (*datetime, optional*) – Point in time when the link will expire. Defaults to None (no expiration date).
- **member\_limit** (*int, optional*) – Maximum number of users that can be members of the chat simultaneously after joining the chat via this invite link; 1-99999. Defaults to None (no member limit).
- **creates\_join\_request** (*bool, optional*) – True, if users joining the chat via the link need to be approved by chat administrators. If True, member\_limit can't be specified.

**Returns**

*ChatInviteLink* – On success, the new invite link is returned.

**Example**

```
# Create a new link without limits
link = await app.create_chat_invite_link(chat_id)

# Create a new link for up to 3 new users
link = await app.create_chat_invite_link(chat_id, member_limit=3)
```

**edit\_chat\_invite\_link()**

`Client.edit_chat_invite_link()`

Edit a non-primary invite link.

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

**Parameters**

- **chat\_id** (*int | str*) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (*str*) – The invite link to edit
- **name** (*str, optional*) – Invite link name.
- **expire\_date** (*datetime, optional*) – Point in time when the link will expire. Defaults to None (no change), pass None to set no expiration date.
- **member\_limit** (*int, optional*) – Maximum number of users that can be members of the chat simultaneously after joining the chat via this invite link; 1-99999. Defaults to None (no change), pass 0 to set no member limit.
- **creates\_join\_request** (*bool, optional*) – True, if users joining the chat via the link need to be approved by chat administrators. If True, member\_limit can't be specified.

**Returns**

*ChatInviteLink* – On success, the new invite link is returned



### Example

```
# Edit the member limit of a link
link = await app.edit_chat_invite_link(chat_id, invite_link, member_limit=5)

# Set no expiration date of a link
link = await app.edit_chat_invite_link(chat_id, invite_link, expire_date=0)
```

### revoke\_chat\_invite\_link()

#### Client.revoke\_chat\_invite\_link()

Revoke a previously created invite link.

If the primary link is revoked, a new link is automatically generated.

You must be an administrator in the chat for this to work and must have the appropriate admin rights.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (str) – The invite link to revoke.

#### Returns

*ChatInviteLink* – On success, the invite link object is returned.

### delete\_chat\_invite\_link()

#### Client.delete\_chat\_invite\_link()

Delete an already revoked invite link.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (str) – The revoked invite link to delete.

#### Returns

bool – On success True is returned.

### get\_chat\_invite\_link\_joiners()

#### Client.get\_chat\_invite\_link\_joiners()

Get the members who joined the chat with the invite link.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (str) – The invite link.

- **limit** (*int, optional*) – Limits the number of invite links to be retrieved. By default, no limit is applied and all invite links are returned.

**Returns**

Generator – A generator yielding *ChatJoiner* objects.

**Yields**

*ChatJoiner* objects.

### **get\_chat\_invite\_link\_joiners\_count()**

#### **Client.get\_chat\_invite\_link\_joiners\_count()**

Get the count of the members who joined the chat with the invite link.

**Parameters**

- **chat\_id** (*int | str*) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (*str*) – The invite link.

**Returns**

*int* – On success, the joined chat members count is returned.

### **get\_chat\_admin\_invite\_links()**

#### **Client.get\_chat\_admin\_invite\_links()**

Get the invite links created by an administrator in a chat.

---

**Note:** As an administrator you can only get your own links you have exported. As the chat or channel owner you can get everyones links.

---

**Parameters**

- **chat\_id** (*int | str*) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **admin\_id** (*int | str*) – Unique identifier (*int*) or username (*str*) of the target user. For you yourself you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (*str*).
- **revoked** (*bool, optional*) – True, if you want to get revoked links instead. Defaults to False (get active links only).
- **limit** (*int, optional*) – Limits the number of invite links to be retrieved. By default, no limit is applied and all invite links are returned.

**Returns**

Generator – A generator yielding *ChatInviteLink* objects.

**Yields**

*ChatInviteLink* objects.

### get\_chat\_admin\_invite\_links\_count()

#### Client.get\_chat\_admin\_invite\_links\_count()

Get the count of the invite links created by an administrator in a chat.

##### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **admin\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For you yourself you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **revoked** (bool, *optional*) – True, if you want to get revoked links instead. Defaults to False (get active links only).

##### Returns

int – On success, the invite links count is returned.

### get\_chat\_admins\_with\_invite\_links()

#### Client.get\_chat\_admins\_with\_invite\_links()

Get the list of the administrators that have exported invite links in a chat.

You must be the owner of a chat for this to work.

##### Parameters

**chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).

##### Returns

List of ChatAdminWithInviteLink – On success, the list of admins that have exported invite links is returned.

### get\_chat\_join\_requests()

#### Client.get\_chat\_join\_requests()

Get the pending join requests of a chat.

##### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **limit** (int, *optional*) – Limits the number of invite links to be retrieved. By default, no limit is applied and all invite links are returned.
- **query** (str, *optional*) – Query to search for a user.

##### Returns

Generator – A generator yielding [ChatJoiner](#) objects.

##### Yields

[ChatJoiner](#) objects.

### `delete_chat_admin_invite_links()`

`Client.delete_chat_admin_invite_links()`

Delete all revoked invite links of an administrator.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **admin\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target user. For you yourself you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).

#### Returns

`bool` – On success `True` is returned.

### `approve_chat_join_request()`

`Client.approve_chat_join_request()`

Approve a chat join request.

You must be an administrator in the chat for this to work and must have the *can\_invite\_users* administrator right.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **user\_id** (`int`) – Unique identifier of the target user.

#### Returns

`bool` – `True` on success.

### `approve_all_chat_join_requests()`

`Client.approve_all_chat_join_requests()`

Approve all pending join requests in a chat.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (`str`, *optional*) – Pass an invite link to approve only its join requests. By default, all join requests are approved.

#### Returns

`bool` – `True` on success.

## decline\_chat\_join\_request()

### Client.decline\_chat\_join\_request()

Decline a chat join request.

You must be an administrator in the chat for this to work and must have the *can\_invite\_users* administrator right.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **user\_id** (int) – Unique identifier of the target user.

#### Returns

bool – True on success.

## decline\_all\_chat\_join\_requests()

### Client.decline\_all\_chat\_join\_requests()

Decline all pending join requests in a chat.

#### Parameters

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target channel/supergroup (in the format @username).
- **invite\_link** (str, optional) – Pass an invite link to decline only its join requests. By default, all join requests are declined.

#### Returns

bool – True on success.

## Contacts

|                           |  |
|---------------------------|--|
| <i>add_contact</i>        | Add an existing Telegram user as contact, even without a phone number. |
| <i>delete_contacts</i>    | Delete contacts from your Telegram address book.                       |
| <i>import_contacts</i>    | Import contacts to your Telegram address book.                         |
| <i>get_contacts</i>       | Get contacts from your Telegram address book.                          |
| <i>get_contacts_count</i> | Get the total count of contacts from your Telegram address book.       |

## add\_contact()

### Client.add\_contact()

Add an existing Telegram user as contact, even without a phone number.

#### Parameters

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user.
- **first\_name** (str) – User's first name.

- **last\_name** (str, *optional*) – User's last name.
- **phone\_number** (str, *optional*) – User's phone number.
- **share\_phone\_number** (bool, *optional*) – Whether or not to share the phone number with the user. Defaults to False.

### Returns

*User* – On success the user is returned.

### Example

```
# Add contact by id
await app.add_contact(12345678, "Foo")

# Add contact by username
await app.add_contact("username", "Bar")
```

## delete\_contacts()

`Client.delete_contacts()`

Delete contacts from your Telegram address book.

### Parameters

**user\_ids** (int | str | List of int or str) – A single user id/username or a list of user identifiers (id or username).

### Returns

*User* | List of *User* | None – In case *user\_ids* was an integer or a string, a single User object is returned. In case *user\_ids* was a list, a list of User objects is returned. In case nothing changed after calling the method (for example, when deleting a non-existent contact), None is returned.

### Example

```
await app.delete_contacts(user_id)
await app.delete_contacts([user_id1, user_id2, user_id3])
```

## import\_contacts()

`Client.import_contacts()`

Import contacts to your Telegram address book.

### Parameters

**contacts** (List of *InputPhoneContact*) – The contact list to be added

### Returns

`types.contacts.ImportedContacts`

### Example

```
from hydrogram.types import InputPhoneContact

await app.import_contacts([
    InputPhoneContact("+1-123-456-7890", "Foo"),
    InputPhoneContact("+1-456-789-0123", "Bar"),
    InputPhoneContact("+1-789-012-3456", "Baz"),
])
```

### get\_contacts()

#### Client.get\_contacts()

Get contacts from your Telegram address book.

#### Returns

List of *User* – On success, a list of users is returned.

### Example

```
contacts = await app.get_contacts()
print(contacts)
```

### get\_contacts\_count()

#### Client.get\_contacts\_count()

Get the total count of contacts from your Telegram address book.

#### Returns

int – On success, the contacts count is returned.

### Example

```
count = await app.get_contacts_count()
print(count)
```

## Password

|                              |   |
|------------------------------|---|
| <i>enable_cloud_password</i> | Enable the Two-Step Verification security feature (Cloud Password) on your account.   |
| <i>change_cloud_password</i> | Change your Two-Step Verification password (Cloud Password) with a new one.           |
| <i>remove_cloud_password</i> | Turn off the Two-Step Verification security feature (Cloud Password) on your account. |

## enable\_cloud\_password()

### Client.enable\_cloud\_password()

Enable the Two-Step Verification security feature (Cloud Password) on your account.

This password will be asked when you log-in on a new device in addition to the SMS code.

#### Parameters

- **password** (str) – Your password.
- **hint** (str, *optional*) – A password hint.
- **email** (str, *optional*) – Recovery e-mail.

#### Returns

bool – True on success.

#### Raises

**ValueError** – In case there is already a cloud password enabled.

### Example

```
# Enable password without hint and email
await app.enable_cloud_password("password")

# Enable password with hint and without email
await app.enable_cloud_password("password", hint="hint")

# Enable password with hint and email
await app.enable_cloud_password("password", hint="hint", email="user@email.com")
```

## change\_cloud\_password()

### Client.change\_cloud\_password()

Change your Two-Step Verification password (Cloud Password) with a new one.

#### Parameters

- **current\_password** (str) – Your current password.
- **new\_password** (str) – Your new password.
- **new\_hint** (str, *optional*) – A new password hint.

#### Returns

bool – True on success.

#### Raises

**ValueError** – In case there is no cloud password to change.



### Example

```
# Change password only
await app.change_cloud_password("current_password", "new_password")

# Change password and hint
await app.change_cloud_password("current_password", "new_password", new_hint="hint")
```

### remove\_cloud\_password()

`Client.remove_cloud_password()`

Turn off the Two-Step Verification security feature (Cloud Password) on your account.

#### Parameters

**password** (str) – Your current password.

#### Returns

bool – True on success.

#### Raises

**ValueError** – In case there is no cloud password to remove.

### Example

```
await app.remove_cloud_password("password")
```

## Bots

|   |   |
|---|---|
| <code>get_inline_bot_results</code>     | Get bot results via inline queries.   |
| <code>send_inline_bot_result</code>     | Send an inline bot result.  |
| <code>answer_callback_query</code>      | Send answers to callback queries sent from inline keyboards.  |
| <code>answer_inline_query</code>        | Send answers to an inline query.  |
| <code>request_callback_answer</code>    | Request a callback answer from bots.  |
| <code>send_game</code>                  | Send a game.  |
| <code>set_game_score</code>             | Set the score of the specified user in a game.  |
| <code>get_game_high_scores</code>       | Get data for high score tables.   |
| <code>set_bot_commands</code>           | Set the list of the bot's commands.   |
| <code>get_bot_commands</code>           | Get the current list of the bot's commands for the given scope and user language.   |
| <code>delete_bot_commands</code>        | Delete the list of the bot's commands for the given scope and user language.  |
| <code>set_bot_default_privileges</code> | Change the default privileges requested by the bot when it's added as an administrator to groups or channels.   |
| <code>get_bot_default_privileges</code> | Get the current default privileges of the bot.  |
| <code>set_chat_menu_button</code>       | Change the bot's menu button in a private chat, or the default menu button.   |
| <code>get_chat_menu_button</code>       | Get the current value of the bot's menu button in a private chat, or the default menu button.   |
| <code>answer_web_app_query</code>       | Set the result of an interaction with a <a href="#">Web App</a> and send a corresponding message on behalf of the user to the chat from which the query originated. |

### `get_inline_bot_results()`

#### `Client.get_inline_bot_results()`

Get bot results via inline queries. You can then send a result using `send_inline_bot_result()`

##### Parameters

- **bot** (`int` | `str`) – Unique identifier of the inline bot you want to get results from. You can specify a `@username` (`str`) or a bot ID (`int`).
- **query** (`str`, *optional*) – Text of the query (up to 512 characters). Defaults to `""` (empty string).
- **offset** (`str`, *optional*) – Offset of the results to be returned.
- **latitude** (`float`, *optional*) – Latitude of the location. Useful for location-based results only.
- **longitude** (`float`, *optional*) – Longitude of the location. Useful for location-based results only.

##### Returns

`BotResults` – On Success.

##### Raises

`TimeoutError` – In case the bot fails to answer within 10 seconds.

### Example

```
results = await app.get_inline_bot_results("hydrogrambot")
print(results)
```

### send\_inline\_bot\_result()

#### Client.send\_inline\_bot\_result()

Send an inline bot result. Bot results can be retrieved using `get_inline_bot_results()`

#### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **query\_id** (int) – Unique identifier for the answered query.
- **result\_id** (str) – Unique identifier for the result that was chosen.
- **message\_thread\_id** (int, *optional*) – Unique identifier of a message thread to which the message belongs. for supergroups only
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.

#### Returns

*Updates* – Currently, on success, a raw result is returned.

### Example

```
await app.send_inline_bot_result(chat_id, query_id, result_id)
```

### answer\_callback\_query()

#### Client.answer\_callback\_query()

Send answers to callback queries sent from inline keyboards. The answer will be displayed to the user as a notification at the top of the chat screen or as an alert.

#### Parameters

- **callback\_query\_id** (str) – Unique identifier for the query to be answered.
- **text** (str, *optional*) – Text of the notification. If not specified, nothing will be shown to the user, 0-200 characters.
- **show\_alert** (bool, *optional*) – If true, an alert will be shown by the client instead of a notification at the top of the chat screen. Defaults to False.
- **url** (str, *optional*) – URL that will be opened by the user’s client. If you have created a Game and accepted the conditions via @Botfather, specify the URL that opens your game – note that this will only work if the query comes from a `callback_game` button. Otherwise, you may use links like `t.me/your_bot?start=XXXX` that open your bot with a parameter.

- **cache\_time** (int, *optional*) – The maximum amount of time in seconds that the result of the callback query may be cached client-side. Telegram apps will support caching starting in version 3.14. Defaults to 0.

**Returns**

bool – True, on success.

**Example**

```
# Answer only (remove the spinning circles)
await app.answer_callback_query(query_id)

# Answer without alert
await app.answer_callback_query(query_id, text=text)

# Answer with alert
await app.answer_callback_query(query_id, text=text, show_alert=True)
```

**answer\_inline\_query()****Client.answer\_inline\_query()**

Send answers to an inline query.

A maximum of 50 results per query is allowed.

**Parameters**

- **inline\_query\_id** (str) – Unique identifier for the answered query.
- **results** (List of *InlineQueryResult*) – A list of results for the inline query.
- **cache\_time** (int, *optional*) – The maximum amount of time in seconds that the result of the inline query may be cached on the server. Defaults to 300.
- **is\_gallery** (bool, *optional*) – Pass True, if results should be displayed in gallery mode instead of list mode. Defaults to False.
- **is\_personal** (bool, *optional*) – Pass True, if results may be cached on the server side only for the user that sent the query. By default (False), results may be returned to any user who sends the same query.
- **next\_offset** (str, *optional*) – Pass the offset that a client should send in the next query with the same text to receive more results. Pass an empty string if there are no more results or if you don't support pagination. Offset length can't exceed 64 bytes.
- **switch\_pm\_text** (str, *optional*) – If passed, clients will display a button with specified text that switches the user to a private chat with the bot and sends the bot a start message with the parameter switch\_pm\_parameter
- **switch\_pm\_parameter** (str, *optional*) – *Deep-linking* parameter for the /start message sent to the bot when user presses the switch button. 1-64 characters, only A-Z, a-z, 0-9, \_ and - are allowed.

Example: An inline bot that sends YouTube videos can ask the user to connect the bot to their YouTube account to adapt search results accordingly. To do this, it displays a “Connect your YouTube account” button above the results, or even before showing any. The user presses the button, switches to a private chat with the bot and, in doing so, passes a start parameter

that instructs the bot to return an oauth link. Once done, the bot can offer a `switch_inline` button so that the user can easily return to the chat where they wanted to use the bot's inline capabilities.

#### Returns

`bool` – True, on success.

#### Example

```
from hydrogram.types import InlineQueryResultArticle, InputTextMessageContent

await app.answer_inline_query(
    inline_query_id,
    results=[
        InlineQueryResultArticle("Title", InputTextMessageContent("Message content
↪"))
    ],
)
```

### `request_callback_answer()`

`Client.request_callback_answer()`

Request a callback answer from bots. This is the equivalent of clicking an inline button containing callback data.

#### Parameters

- **chat\_id** (`int` | `str`) – Unique identifier (`int`) or username (`str`) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (`str`).
- **message\_id** (`int`) – The message id the inline keyboard is attached on.
- **callback\_data** (`str` | `bytes`) – Callback data associated with the inline button you want to get the answer from.
- **timeout** (`int`, *optional*) – Timeout in seconds.

#### Returns

The answer containing info useful for clients to display a notification at the top of the chat screen or as an alert.

#### Raises

**TimeoutError** – In case the bot fails to answer within 10 seconds.

#### Example

```
await app.request_callback_answer(chat_id, message_id, "callback_data")
```

## send\_game()

`Client.send_game()`

Send a game.

### Parameters

- **chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **game\_short\_name** (str) – Short name of the game, serves as the unique identifier for the game. Set up your games via Botfather.
- **message\_thread\_id** (int, *optional*) – Unique identifier of a message thread to which the message belongs. for supergroups only
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An object for an inline keyboard. If empty, one ‘Play game\_title’ button will be shown automatically. If not empty, the first button must launch the game.

### Returns

*Message* – On success, the sent game message is returned.

### Example

```
await app.send_game(chat_id, "gamename")
```

## set\_game\_score()

`Client.set_game_score()`

Set the score of the specified user in a game.

### Parameters

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **score** (int) – New score, must be non-negative.
- **force** (bool, *optional*) – Pass True, if the high score is allowed to decrease. This can be useful when fixing mistakes or banning cheaters.
- **disable\_edit\_message** (bool, *optional*) – Pass True, if the game message should not be automatically edited to include the current scoreboard.

- **chat\_id** (int | str, *optional*) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str). Required if inline\_message\_id is not specified.
- **message\_id** (int, *optional*) – Identifier of the sent message. Required if inline\_message\_id is not specified.

**Returns**

*Message* | bool – On success, if the message was sent by the bot, the edited message is returned, True otherwise.

**Example**

```
# Set new score
await app.set_game_score(user_id, 1000)

# Force set new score
await app.set_game_score(user_id, 25, force=True)
```

**get\_game\_high\_scores()**

**Client.get\_game\_high\_scores()**

Get data for high score tables.

**Parameters**

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str).
- **chat\_id** (int | str, *optional*) – Unique identifier (int) or username (str) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (str). Required if inline\_message\_id is not specified.
- **message\_id** (int, *optional*) – Identifier of the sent message. Required if inline\_message\_id is not specified.

**Returns**

List of *GameHighScore* – On success.

**Example**

```
scores = await app.get_game_high_scores(user_id, chat_id, message_id)
print(scores)
```

## set\_bot\_commands()

### Client.set\_bot\_commands()

Set the list of the bot's commands. The commands passed will overwrite any command set previously. This method can be used by the own bot only.

#### Parameters

- **commands** (List of [BotCommand](#)) – A list of bot commands. At most 100 commands can be specified.
- **scope** ([BotCommandScope](#), *optional*) – An object describing the scope of users for which the commands are relevant. Defaults to [BotCommandScopeDefault](#).
- **language\_code** (str, *optional*) – A two-letter ISO 639-1 language code. If empty, commands will be applied to all users from the given scope, for whose language there are no dedicated commands.

#### Returns

bool – On success, True is returned.

## Example

```
from hydrogram.types import BotCommand

# Set new commands
await app.set_bot_commands([
    BotCommand("start", "Start the bot"),
    BotCommand("settings", "Bot settings"),
])
```

## get\_bot\_commands()

### Client.get\_bot\_commands()

Get the current list of the bot's commands for the given scope and user language. Returns Array of BotCommand on success. If commands aren't set, an empty list is returned.

The commands passed will overwrite any command set previously. This method can be used by the own bot only.

#### Parameters

- **scope** ([BotCommandScope](#), *optional*) – An object describing the scope of users for which the commands are relevant. Defaults to [BotCommandScopeDefault](#).
- **language\_code** (str, *optional*) – A two-letter ISO 639-1 language code. If empty, commands will be applied to all users from the given scope, for whose language there are no dedicated commands.

#### Returns

List of [BotCommand](#) – On success, the list of bot commands is returned.



### Example

```
# Get commands
commands = await app.get_bot_commands()
print(commands)
```

### delete\_bot\_commands()

#### Client.delete\_bot\_commands()

Delete the list of the bot's commands for the given scope and user language. After deletion, higher level commands will be shown to affected users.

The commands passed will overwrite any command set previously. This method can be used by the own bot only.

#### Parameters

- **scope** (*BotCommandScope*, *optional*) – An object describing the scope of users for which the commands are relevant. Defaults to *BotCommandScopeDefault*.
- **language\_code** (*str*, *optional*) – A two-letter ISO 639-1 language code. If empty, commands will be applied to all users from the given scope, for whose language there are no dedicated commands.

#### Returns

bool – On success, True is returned.

### Example

```
# Delete commands
await app.delete_bot_commands()
```

### set\_bot\_default\_privileges()

#### Client.set\_bot\_default\_privileges()

Change the default privileges requested by the bot when it's added as an administrator to groups or channels.

These privileges will be suggested to users, but they are free to modify the list before adding the bot.

#### Parameters

- **privileges** (*ChatPrivileges*) – New default privileges. None to clear. Defaults to None.
- **for\_channels** (bool, *optional*) – Pass True to change the default privileges of the bot in channels. Otherwise, the default privileges of the bot for groups and supergroups will be changed.

#### Returns

bool – On success, True is returned.

### Example

```
from hydrogram.types import ChatPrivileges

await app.set_bot_default_privileges(
    ChatPrivileges(can_delete_messages=True, can_restrict_members=True)
)
```

## get\_bot\_default\_privileges()

`Client.get_bot_default_privileges()`

Get the current default privileges of the bot.

### Parameters

**for\_channels** (bool, *optional*) – Pass True to get default privileges of the bot in channels. Otherwise, default privileges of the bot for groups and supergroups will be returned.

### Returns

bool – On success, True is returned.

### Example

```
privileges = await app.get_bot_default_privileges()
```

## set\_chat\_menu\_button()

`Client.set_chat_menu_button()`

Change the bot's menu button in a private chat, or the default menu button.

### Parameters

- **chat\_id** (int | str, *optional*) – Unique identifier (int) or username (str) of the target chat. If not specified, default bot's menu button will be changed.
- **menu\_button** (*MenuButton*, *optional*) – The new bot's menu button. Defaults to *MenuButtonDefault*.

## get\_chat\_menu\_button()

`Client.get_chat_menu_button()`

Get the current value of the bot's menu button in a private chat, or the default menu button.

### Parameters

**chat\_id** (int | str) – Unique identifier (int) or username (str) of the target chat. If not specified, default bot's menu button will be returned.

## answer\_web\_app\_query()

### Client.answer\_web\_app\_query()

Set the result of an interaction with a [Web App](#) and send a corresponding message on behalf of the user to the chat from which the query originated.

#### Parameters

- **web\_app\_query\_id** (str) – Unique identifier for the answered query.
- **result** ([InlineQueryResult](#)) – A list of results for the inline query.

#### Returns

[SentWebAppMessage](#) – On success the sent web app message is returned.

## Authorization

|   |  |
|---|--|
| <a href="#">connect</a>                 | Connect the client to Telegram servers.                      |
| <a href="#">disconnect</a>              | Disconnect the client from Telegram servers.                 |
| <a href="#">initialize</a>              | Initialize the client by starting up workers.                |
| <a href="#">terminate</a>               | Terminate the client by shutting down workers.               |
| <a href="#">send_code</a>               | Send the confirmation code to the given phone number.        |
| <a href="#">resend_code</a>             | Re-send the confirmation code using a different type.        |
| <a href="#">sign_in</a>                 | Authorize a user in Telegram with a valid confirmation code. |
| <a href="#">sign_in_bot</a>             | Authorize a bot using its bot token generated by BotFather.  |
| <a href="#">sign_up</a>                 | Register a new user in Telegram.                             |
| <a href="#">get_password_hint</a>       | Get your Two-Step Verification password hint.                |
| <a href="#">check_password</a>          | Check your Two-Step Verification password and log in.        |
| <a href="#">send_recovery_code</a>      | Send a code to your email to recover your password.          |
| <a href="#">recover_password</a>        | Recover your password with a recovery code and log in.       |
| <a href="#">accept_terms_of_service</a> | Accept the given terms of service.                           |
| <a href="#">log_out</a>                 | Log out from Telegram and delete the *.session file.         |

## connect()

### Client.connect()

Connect the client to Telegram servers.

#### Returns

bool – On success, in case the passed-in session is authorized, True is returned. Otherwise, in case the session needs to be authorized, False is returned.

#### Raises

[ConnectionError](#) – In case you try to connect an already connected client.

## **disconnect()**

`Client.disconnect()`

Disconnect the client from Telegram servers.

### **Raises**

**ConnectionError** – In case you try to disconnect an already disconnected client or in case you try to disconnect a client that needs to be terminated first.

## **initialize()**

`Client.initialize()`

Initialize the client by starting up workers.

This method will start updates and download workers. It will also load plugins and start the internal dispatcher.

### **Raises**

**ConnectionError** – In case you try to initialize a disconnected client or in case you try to initialize an already initialized client.

## **terminate()**

`Client.terminate()`

Terminate the client by shutting down workers.

This method does the opposite of `initialize()`. It will stop the dispatcher and shut down updates and download workers.

### **Raises**

**ConnectionError** – In case you try to terminate a client that is already terminated.

## **send\_code()**

`Client.send_code()`

Send the confirmation code to the given phone number.

### **Parameters**

**phone\_number** (`str`) – Phone number in international format (includes the country prefix).

### **Returns**

**SentCode** – On success, an object containing information on the sent confirmation code is returned.

### **Raises**

**BadRequest** – In case the phone number is invalid.

## resend\_code()

### Client.resend\_code()

Re-send the confirmation code using a different type.

The type of the code to be re-sent is specified in the *next\_type* attribute of the [SentCode](#) object returned by [send\\_code\(\)](#).

#### Parameters

- **phone\_number** (str) – Phone number in international format (includes the country prefix).
- **phone\_code\_hash** (str) – Confirmation code identifier.

#### Returns

[SentCode](#) – On success, an object containing information on the re-sent confirmation code is returned.

#### Raises

**BadRequest** – In case the arguments are invalid.

## sign\_in()

### Client.sign\_in()

Authorize a user in Telegram with a valid confirmation code.

#### Parameters

- **phone\_number** (str) – Phone number in international format (includes the country prefix).
- **phone\_code\_hash** (str) – Code identifier taken from the result of [send\\_code\(\)](#).
- **phone\_code** (str) – The valid confirmation code you received (either as Telegram message or as SMS in your phone number).

#### Returns

[User](#) | [TermsOfService](#) | bool – On success, in case the authorization completed, the user is returned. In case the phone number needs to be registered first AND the terms of services accepted (with [accept\\_terms\\_of\\_service\(\)](#)), an object containing them is returned. In case the phone number needs to be registered, but the terms of services don't need to be accepted, False is returned instead.

#### Raises

- **BadRequest** – In case the arguments are invalid.
- **SessionPasswordNeeded** – In case a password is needed to sign in.

## `sign_in_bot()`

`Client.sign_in_bot()`

Authorize a bot using its bot token generated by BotFather.

### Parameters

**bot\_token** (str) – The bot token generated by BotFather

### Returns

*User* – On success, the bot identity is return in form of a user object.

### Raises

**BadRequest** – In case the bot token is invalid.

## `sign_up()`

`Client.sign_up()`

Register a new user in Telegram.

### Parameters

- **phone\_number** (str) – Phone number in international format (includes the country prefix).
- **phone\_code\_hash** (str) – Code identifier taken from the result of `send_code()`.
- **first\_name** (str) – New user first name.
- **last\_name** (str, *optional*) – New user last name. Defaults to "" (empty string, no last name).

### Returns

*User* – On success, the new registered user is returned.

### Raises

**BadRequest** – In case the arguments are invalid.

## `get_password_hint()`

`Client.get_password_hint()`

Get your Two-Step Verification password hint.

### Returns

str – On success, the password hint as string is returned.

## `check_password()`

`Client.check_password()`

Check your Two-Step Verification password and log in.

### Parameters

**password** (str) – Your Two-Step Verification password.

### Returns

*User* – On success, the authorized user is returned.

**Raises**

**BadRequest** – In case the password is invalid.

**send\_recovery\_code()****Client.send\_recovery\_code()**

Send a code to your email to recover your password.

**Returns**

**str** – On success, the hidden email pattern is returned and a recovery code is sent to that email.

**Raises**

**BadRequest** – In case no recovery email was set up.

**recover\_password()****Client.recover\_password()**

Recover your password with a recovery code and log in.

**Parameters**

**recovery\_code** (**str**) – The recovery code sent via email.

**Returns**

**User** – On success, the authorized user is returned and the Two-Step Verification password reset.

**Raises**

**BadRequest** – In case the recovery code is invalid.

**accept\_terms\_of\_service()****Client.accept\_terms\_of\_service()**

Accept the given terms of service.

**Parameters**

**terms\_of\_service\_id** (**str**) – The terms of service identifier.

**log\_out()****Client.log\_out()**

Log out from Telegram and delete the *\*.session* file.

When you log out, the current client is stopped and the storage session deleted. No more API calls can be made until you start the client and re-authorize again.

**Returns**

**bool** – On success, True is returned.

### Example

```
# Log out.  
app.log_out()
```

### Advanced

Methods used only when dealing with the raw Telegram API. Learn more about how to use the raw API at [Advanced Usage](#).

|                           |  |
|---------------------------|--|
| <code>invoke</code>       | Invoke raw Telegram functions.   |
| <code>resolve_peer</code> | Get the InputPeer of a known peer id.  |
| <code>save_file</code>    | Upload a file onto Telegram servers, without actually sending the message to anyone. |

### invoke()

#### Client.invoke()

Invoke raw Telegram functions.

This method makes it possible to manually call every single Telegram API method in a low-level manner. Available functions are listed in the `functions` package and may accept compound data types from `types` as well as bare types such as `int`, `str`, etc...

---

**Note:** This is a utility method intended to be used **only** when working with raw `functions` (i.e: a Telegram API method you wish to use which is not available yet in the Client class as an easy-to-use method).

---

#### Parameters

- **query** (RawFunction) – The API Schema function filled with proper arguments.
- **retries** (int) – Number of retries.
- **timeout** (float) – Timeout in seconds.
- **sleep\_threshold** (float) – Sleep threshold in seconds.

#### Returns

RawType – The raw type response generated by the query.

#### Raises

**RPCError** – In case of a Telegram RPC error.



## resolve\_peer()

### Client.resolve\_peer()

Get the InputPeer of a known peer id. Useful whenever an InputPeer type is required.

---

**Note:** This is a utility method intended to be used **only** when working with raw functions (i.e: a Telegram API method you wish to use which is not available yet in the Client class as an easy-to-use method).

---

#### Parameters

**peer\_id** (int | str) – The peer id you want to extract the InputPeer from. Can be a direct id (int), a username (str) or a phone number (str).

#### Returns

InputPeer – On success, the resolved peer id is returned in form of an InputPeer object.

#### Raises

**KeyError** – In case the peer doesn't exist in the internal database.

## save\_file()

### Client.save\_file()

Upload a file onto Telegram servers, without actually sending the message to anyone. Useful whenever an InputFile type is required.

---

**Note:** This is a utility method intended to be used **only** when working with raw functions (i.e: a Telegram API method you wish to use which is not available yet in the Client class as an easy-to-use method).

---

#### Parameters

- **path** (str | BinaryIO) – The path of the file you want to upload that exists on your local machine or a binary file-like object with its attribute “.name” set for in-memory uploads.
- **file\_id** (int, *optional*) – In case a file part expired, pass the file\_id and the file\_part to retry uploading that specific chunk.
- **file\_part** (int, *optional*) – In case a file part expired, pass the file\_id and the file\_part to retry uploading that specific chunk.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.

- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

**Returns**

`InputFile` – On success, the uploaded file is returned in form of an `InputFile` object.

**Raises**

**`RPCError`** – In case of a Telegram RPC error.

## 2.3.12 Available Types

This page is about Hydrogram Types. All types listed here are available through the `hydrogram.types` package. Unless required as argument to a client method, most of the types don't need to be manually instantiated because they are only returned by other methods. You also don't need to import them, unless you want to type-hint your variables.

```
from hydrogram.types import User, Message, ...
```

**Note:** Optional fields always exist inside the object, but they could be empty and contain the value of `None`. Empty fields aren't shown when, for example, using `print(message)` and this means that `hasattr(message, "photo")` always returns `True`.

To tell whether a field is set or not, do a simple boolean check: `if message.photo: ...`

## Users & Chats

|                                       |   |
|---------------------------------------|---|
| <code>User</code>                     | A Telegram user or bot.   |
| <code>Chat</code>                     | A chat.   |
| <code>ChatPreview</code>              | A chat preview.   |
| <code>ChatPhoto</code>                | A chat photo.   |
| <code>ChatMember</code>               | Contains information about one member of a chat.                              |
| <code>ChatPermissions</code>          | Describes actions that a non-administrator user is allowed to take in a chat. |
| <code>ChatPrivileges</code>           | Describes privileged actions an administrator is able to take in a chat.      |
| <code>ChatInviteLink</code>           | An invite link for a chat.  |
| <code>ChatAdminWithInviteLinks</code> | Represents a chat administrator that has created invite links in a chat.      |
| <code>ChatEvent</code>                | A chat event from the recent actions log (also known as admin log).           |
| <code>ChatEventFilter</code>          | Set of filters used to obtain a chat event log.                               |
| <code>ChatMemberUpdated</code>        | Represents changes in the status of a chat member.                            |
| <code>ChatJoinRequest</code>          | Represents a join request sent to a chat.                                     |
| <code>ChatJoiner</code>               | Contains information about a joiner member of a chat.                         |
| <code>Dialog</code>                   | A user's dialog.  |
| <code>Restriction</code>              | A restriction applied to bots or chats.                                       |
| <code>EmojiStatus</code>              | A user emoji status.  |

## User

**class** hydrogram.types.User

A Telegram user or bot.

### Parameters

- **id** (int) – Unique identifier for this user or bot.
- **is\_self** (bool, *optional*) – True, if this user is you yourself.
- **is\_contact** (bool, *optional*) – True, if this user is in your contacts.
- **is\_mutual\_contact** (bool, *optional*) – True, if you both have each other's contact.
- **is\_deleted** (bool, *optional*) – True, if this user is deleted.
- **is\_bot** (bool, *optional*) – True, if this user is a bot.
- **is\_verified** (bool, *optional*) – True, if this user has been verified by Telegram.
- **is\_restricted** (bool, *optional*) – True, if this user has been restricted. Bots only. See *restriction\_reason* for details.
- **is\_scam** (bool, *optional*) – True, if this user has been flagged for scam.
- **is\_fake** (bool, *optional*) – True, if this user has been flagged for impersonation.
- **is\_support** (bool, *optional*) – True, if this user is part of the Telegram support team.
- **is\_premium** (bool, *optional*) – True, if this user is a premium user.
- **first\_name** (str, *optional*) – User's or bot's first name.
- **last\_name** (str, *optional*) – User's or bot's last name.
- **full\_name** (str, *property*) – Full name of the other party in a private chat.
- **status** (*UserStatus*, *optional*) – User's last seen & online status. *None*, for bots.
- **last\_online\_date** (datetime, *optional*) – Last online date of a user. Only available in case status is *OFFLINE*.
- **next\_offline\_date** (datetime, *optional*) – Date when a user will automatically go offline. Only available in case status is *ONLINE*.
- **username** (str, *optional*) – User's or bot's username.
- **active\_usernames** (List of str, *optional*) – If non-empty, the list of all active chat usernames; for private chats, supergroups and channels.
- **usernames** (List of *Username*, *optional*) – The list of user's collectible (and basic) usernames if availables.
- **language\_code** (str, *optional*) – IETF language tag of the user's language.
- **emoji\_status** (*EmojiStatus*, *optional*) – Emoji status.
- **dc\_id** (int, *optional*) – User's or bot's assigned DC (data center). Available only in case the user has set a public profile photo. Note that this information is approximate; it is based on where Telegram stores a user profile pictures and does not by any means tell you the user location (i.e. a user might travel far away, but will still connect to its assigned DC). More info at [FAQs](#).
- **phone\_number** (str, *optional*) – User's phone number.

- **photo** (*ChatPhoto*, *optional*) – User’s or bot’s current profile photo. Suitable for downloads only.
- **restrictions** (List of *Restriction*, *optional*) – The list of reasons why this bot might be unavailable to some users. This field is available only in case *is\_restricted* is True.
- **mention** (*str*, *property*) – Generate a text mention for this user. You can use `user.mention()` to mention the user using their first name (styled using html), or `user.mention("another name")` for a custom name. To choose a different style (“HTML” or “MARKDOWN”) use `user.mention(style=ParseMode.MARKDOWN)`.

## Chat

**class** hydrogram.types.Chat

A chat.

### Parameters

- **id** (*int*) – Unique identifier for this chat.
- **type** (*ChatType*) – Type of chat.
- **is\_verified** (*bool*, *optional*) – True, if this chat has been verified by Telegram. Supergroups, channels and bots only.
- **is\_participants\_hidden** (*bool*, *optional*) – True, if this chat members has been hidden.
- **is\_restricted** (*bool*, *optional*) – True, if this chat has been restricted. Supergroups, channels and bots only. See *restriction\_reason* for details.
- **is\_creator** (*bool*, *optional*) – True, if this chat owner is the current user. Supergroups, channels and groups only.
- **is\_scam** (*bool*, *optional*) – True, if this chat has been flagged for scam.
- **is\_fake** (*bool*, *optional*) – True, if this chat has been flagged for impersonation.
- **is\_support** (*bool*) – True, if this chat is part of the Telegram support team. Users and bots only.
- **is\_forum** (*bool*, *optional*) – True, if the supergroup chat is a forum
- **title** (*str*, *optional*) – Title, for supergroups, channels and basic group chats.
- **username** (*str*, *optional*) – Username, for private chats, bots, supergroups and channels if available.
- **active\_usernames** (List of *str*, *optional*) – If non-empty, the list of all active chat usernames; for private chats, supergroups and channels.
- **usernames** (List of *Username*, *optional*) – The list of chat’s collectible (and basic) usernames if availables.
- **first\_name** (*str*, *optional*) – First name of the other party in a private chat, for private chats and bots.
- **last\_name** (*str*, *optional*) – Last name of the other party in a private chat, for private chats.
- **full\_name** (*str*, *property*) – Full name of the other party in a private chat, for private chats and bots.
- **photo** (*ChatPhoto*, *optional*) – Chat photo. Suitable for downloads only.
- **bio** (*str*, *optional*) – Bio of the other party in a private chat. Returned only in `get_chat()`.

- **description** (*str, optional*) – Description, for groups, supergroups and channel chats. Returned only in `get_chat()`.
- **dc\_id** (*int, optional*) – The chat assigned DC (data center). Available only in case the chat has a photo. Note that this information is approximate; it is based on where Telegram stores the current chat photo. It is accurate only in case the owner has set the chat photo, otherwise the `dc_id` will be the one assigned to the administrator who set the current chat photo.
- **has\_protected\_content** (*bool, optional*) – True, if messages from the chat can't be forwarded to other chats.
- **invite\_link** (*str, optional*) – Chat invite link, for groups, supergroups and channels. Returned only in `get_chat()`.
- **pinned\_message** (*Message, optional*) – Pinned message, for groups, supergroups channels and own chat. Returned only in `get_chat()`.
- **sticker\_set\_name** (*str, optional*) – For supergroups, name of group sticker set. Returned only in `get_chat()`.
- **can\_set\_sticker\_set** (*bool, optional*) – True, if the group sticker set can be changed by you. Returned only in `get_chat()`.
- **members\_count** (*int, optional*) – Chat members count, for groups, supergroups and channels only. Returned only in `get_chat()`.
- **restrictions** (List of *Restriction, optional*) – The list of reasons why this chat might be unavailable to some users. This field is available only in case `is_restricted` is True.
- **permissions** (*ChatPermissions, optional*) – Default chat member permissions, for groups and supergroups.
- **distance** (*int, optional*) – Distance in meters of this group chat from your location. Returned only in `get_nearby_chats()`.
- **linked\_chat** (*Chat, optional*) – The linked discussion group (in case of channels) or the linked channel (in case of supergroups). Returned only in `get_chat()`.
- **send\_as\_chat** (*Chat, optional*) – The default “send\_as” chat. Returned only in `get_chat()`.
- **available\_reactions** (*ChatReactions, optional*) – Available reactions in the chat. Returned only in `get_chat()`.

## ChatPreview

`class hydrogram.types.ChatPreview`

A chat preview.

### Parameters

- **title** (*str*) – Title of the chat.
- **type** (*str*) – Type of chat, can be either, “group”, “supergroup” or “channel”.
- **members\_count** (*int*) – Chat members count.
- **photo** (*Photo, optional*) – Chat photo.
- **members** (List of *User, optional*) – Preview of some of the chat members.

## ChatPhoto

**class** hydrogram.types.ChatPhoto

A chat photo.

### Parameters

- **small\_file\_id** (*str*) – File identifier of small (160x160) chat photo. This *file\_id* can be used only for photo download and only for as long as the photo is not changed.
- **small\_photo\_unique\_id** (*str*) – Unique file identifier of small (160x160) chat photo, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **big\_file\_id** (*str*) – File identifier of big (640x640) chat photo. This *file\_id* can be used only for photo download and only for as long as the photo is not changed.
- **big\_photo\_unique\_id** (*str*) – Unique file identifier of big (640x640) chat photo, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.

## ChatMember

**class** hydrogram.types.ChatMember

Contains information about one member of a chat.

### Parameters

- **status** (*ChatMemberStatus*) – The member's status in the chat.
- **user** (*User*, *optional*) – Information about the user.
- **chat** (*Chat*, *optional*) – Information about the chat (useful in case of banned channel senders).
- **joined\_date** (*datetime*, *optional*) – Date when the user joined. Not available for the owner.
- **custom\_title** (*str*, *optional*) – A custom title that will be shown to all members instead of "Owner" or "Admin". Creator (owner) and administrators only. Can be None in case there's no custom title set.
- **until\_date** (*datetime*, *optional*) – Restricted and banned only. Date when restrictions will be lifted for this user.
- **invited\_by** (*User*, *optional*) – Administrators and self member only. Information about the user who invited this member. In case the user joined by himself this will be the same as "user".
- **promoted\_by** (*User*, *optional*) – Administrators only. Information about the user who promoted this member as administrator.
- **restricted\_by** (*User*, *optional*) – Restricted and banned only. Information about the user who restricted or banned this member.
- **is\_member** (*bool*, *optional*) – Restricted only. True, if the user is a member of the chat at the moment of the request.
- **can\_be\_edited** (*bool*, *optional*) – True, if the you are allowed to edit administrator privileges of the user.

- **permissions** (*ChatPermissions, optional*) – Restricted only. Restricted actions that a non-administrator user is allowed to take.
- **privileges** (*ChatPrivileges, optional*) – Administrators only. Privileged actions that an administrator is able to take.

## ChatPermissions

**class** hydrogram.types.ChatPermissions

Describes actions that a non-administrator user is allowed to take in a chat.

### Parameters

- **can\_send\_messages** (*bool, optional*) – True, if the user is allowed to send text messages, contacts, locations and venues.
- **can\_send\_media\_messages** (*bool, optional*) – True, if the user is allowed to send audios, documents, photos, videos, video notes and voice notes. Implies *can\_send\_messages*.
- **can\_send\_other\_messages** (*bool, optional*) – True, if the user is allowed to send animations, games, stickers and use inline bots. Implies *can\_send\_media\_messages*.
- **can\_send\_polls** (*bool, optional*) – True, if the user is allowed to send polls. Implies *can\_send\_messages*.
- **can\_add\_web\_page\_previews** (*bool, optional*) – True, if the user is allowed to add web page previews to their messages. Implies *can\_send\_media\_messages*.
- **can\_change\_info** (*bool, optional*) – True, if the user is allowed to change the chat title, photo and other settings. Ignored in public supergroups.
- **can\_invite\_users** (*bool, optional*) – True, if the user is allowed to invite new users to the chat.
- **can\_pin\_messages** (*bool, optional*) – True, if the user is allowed to pin messages. Ignored in public supergroups.
- **can\_manage\_topics** (*bool, optional*) – True, if the user is allowed to create, rename, close, and reopen forum topics. supergroups only.

## ChatPrivileges

**class** hydrogram.types.ChatPrivileges

Describes privileged actions an administrator is able to take in a chat.

### Parameters

- **can\_manage\_chat** (*bool, optional*) – True, if the administrator can access the chat event log, chat statistics, message statistics in channels, see channel members, see anonymous administrators in supergroups and ignore slow mode. Implied by any other administrator privilege.
- **can\_delete\_messages** (*bool, optional*) – True, if the administrator can delete messages of other users.
- **can\_manage\_video\_chats** (*bool, optional*) – Groups and supergroups only. True, if the administrator can manage video chats (also called group calls).
- **can\_restrict\_members** (*bool, optional*) – True, if the administrator can restrict, ban or unban chat members.

- **can\_promote\_members** (bool, *optional*) – True, if the administrator can add new administrators with a subset of his own privileges or demote administrators that he has promoted, directly or indirectly (promoted by administrators that were appointed by the user).
- **can\_change\_info** (bool, *optional*) – True, if the user is allowed to change the chat title, photo and other settings.
- **can\_post\_messages** (bool, *optional*) – Channels only. True, if the administrator can post messages in the channel.
- **can\_edit\_messages** (bool, *optional*) – Channels only. True, if the administrator can edit messages of other users and can pin messages.
- **can\_invite\_users** (bool, *optional*) – True, if the user is allowed to invite new users to the chat.
- **can\_pin\_messages** (bool, *optional*) – Groups and supergroups only. True, if the user is allowed to pin messages.
- **can\_manage\_topics** (bool, *optional*) – supergroups only. True, if the user is allowed to create, rename, close, and reopen forum topics.
- **is\_anonymous** (bool, *optional*) – True, if the user’s presence in the chat is hidden.

## ChatInviteLink

**class** hydrogram.types.ChatInviteLink

An invite link for a chat.

### Parameters

- **invite\_link** (str) – The invite link. If the link was created by another chat administrator, then the second part of the link will be replaced with “...”.
- **date** (datetime) – The date when the link was created.
- **is\_primary** (bool) – True, if the link is primary.
- **is\_revoked** (bool) – True, if the link is revoked.
- **creator** (User, *optional*) – Creator of the link.
- **name** (str, *optional*) – Invite link name
- **creates\_join\_request** (bool, *optional*) – True, if users joining the chat via the link need to be approved by chat administrators.
- **start\_date** (datetime, *optional*) – Point in time when the link has been edited.
- **expire\_date** (datetime, *optional*) – Point in time when the link will expire or has been expired.
- **member\_limit** (int, *optional*) – Maximum number of users that can be members of the chat simultaneously after joining the chat via this invite link; 1-99999.
- **member\_count** (int, *optional*) – Number of users that joined via this link and are currently member of the chat.
- **pending\_join\_request\_count** (int, *optional*) – Number of pending join requests created using this link



## ChatAdminWithInviteLinks

**class** hydrogram.types.ChatAdminWithInviteLinks

Represents a chat administrator that has created invite links in a chat.

### Parameters

- **admin** (*User*) – The administrator.
- **chat\_invite\_links\_count** (int) – The number of valid chat invite links created by this administrator.
- **revoked\_chat\_invite\_links\_count** (int) – The number of revoked chat invite links created by this administrator.

## ChatEvent

**class** hydrogram.types.ChatEvent

A chat event from the recent actions log (also known as admin log).

See [action](#) to know which kind of event this is and the relative attributes to get the event content.

### Parameters

- **id** (int) – Chat event identifier.
- **date** (*datetime*) – Date of the event.
- **action** (*ChatEventAction*) – Event action.
- **user** (*User*) – User that triggered the event.
- **old\_description, new\_description** (str, *optional*) – Previous and new chat description. For [DESCRIPTION\\_CHANGED](#) action only.
- **old\_history\_ttl, new\_history\_ttl** (int, *optional*) – Previous and new chat history TTL. For [HISTORY\\_TTL\\_CHANGED](#) action only.
- **old\_linked\_chat, new\_linked\_chat** (*Chat*, *optional*) – Previous and new linked chat. For [LINKED\\_CHAT\\_CHANGED](#) action only.
- **old\_photo, new\_photo** (*Photo*, *optional*) – Previous and new chat photo. For [PHOTO\\_CHANGED](#) action only.
- **old\_title, new\_title** (str, *optional*) – Previous and new chat title. For [TITLE\\_CHANGED](#) action only.
- **old\_username, new\_username** (str, *optional*) – Previous and new chat username. For [USERNAME\\_CHANGED](#) action only.
- **old\_chat\_permissions, new\_chat\_permissions** (*ChatPermissions*, *optional*) – Previous and new default chat permissions. For [CHAT\\_PERMISSIONS\\_CHANGED](#) action only.
- **deleted\_message** (*Message*, *optional*) – Deleted message. For [MESSAGE\\_DELETED](#) action only.
- **old\_message, new\_message** (*Message*, *optional*) – Previous and new message before it has been edited. For [MESSAGE\\_EDITED](#) action only.
- **invited\_member** (*ChatMember*, *optional*) – New invited chat member. For [MEMBER\\_INVITED](#) action only.

- **old\_administrator\_privileges, new\_administrator\_privileges** (*ChatMember, optional*) – Previous and new administrator privileges. For [ADMINISTRATOR\\_PRIVILEGES\\_CHANGED](#) action only.
- **old\_member\_permissions, new\_member\_permissions** (*ChatMember, optional*) – Previous and new member permissions. For [MEMBER\\_PERMISSIONS\\_CHANGED](#) action only.
- **stopped\_poll** (*Message, optional*) – Message containing the stopped poll. For [POLL\\_STOPPED](#) action only.
- **invites\_enabled** (*bool, optional*) – If chat invites were enabled (True) or disabled (False). For [INVITES\\_ENABLED](#) action only.
- **history\_hidden** (*bool, optional*) – If chat history has been hidden (True) or unhidden (False). For [HISTORY\\_HIDDEN](#) action only.
- **signatures\_enabled** (*bool, optional*) – If message signatures were enabled (True) or disabled (False). For [SIGNATURES\\_ENABLED](#) action only.
- **old\_slow\_mode, new\_slow\_mode** (*int, optional*) – Previous and new slow mode value in seconds. For [SLOW\\_MODE\\_CHANGED](#) action only.
- **pinned\_message** (*Message, optional*) – Pinned message. For [MESSAGE\\_PINNED](#) action only.
- **unpinned\_message** (*Message, optional*) – Unpinned message. For [MESSAGE\\_UNPINNED](#) action only.
- **old\_invite\_link, new\_invite\_link** (*ChatInviteLink, optional*) – Previous and new edited invite link. For [INVITE\\_LINK\\_EDITED](#) action only.
- **revoked\_invite\_link** (*ChatInviteLink, optional*) – Revoked invite link. For [INVITE\\_LINK\\_REVOKED](#) action only.
- **deleted\_invite\_link** (*ChatInviteLink, optional*) – Deleted invite link. For [INVITE\\_LINK\\_DELETED](#) action only.
- **created\_forum\_topic** (*ForumTopic, optional*) – New forum topic. For [CREATED\\_FORUM\\_TOPIC](#) action only.
- **old\_forum\_topic, new\_forum\_topic** (*ForumTopic, optional*) – Edited forum topic. For [EDITED\\_FORUM\\_TOPIC](#) action only.
- **deleted\_forum\_topic** (*ForumTopic, optional*) – Deleted forum topic. For [DELETED\\_FORUM\\_TOPIC](#) action only.

## ChatEventFilter

**class** hydrogram.types.ChatEventFilter

Set of filters used to obtain a chat event log.

### Parameters

- **new\_restrictions** (*bool, optional*) – True, if member restricted/unrestricted/banned/unbanned events should be returned. Defaults to False.
- **new\_privileges** (*bool, optional*) – True, if member promotion/demotion events should be returned. Defaults to False.
- **new\_members** (*bool, optional*) – True, if members joining events should be returned. Defaults to False.

- **chat\_info** (bool, *optional*) – True, if chat info changes should be returned. That is, when description, linked chat, location, photo, sticker set, title or username have been modified. Defaults to False.
- **chat\_settings** (bool, *optional*) – True, if chat settings changes should be returned. That is, when invites, hidden history, message signatures, default chat permissions have been modified. Defaults to False.
- **invite\_links** (bool, *optional*) – True, if invite links events (edit, revoke, delete) should be returned. Defaults to False.
- **deleted\_messages** (bool, *optional*) – True, if deleted messages events should be returned. Defaults to False.
- **edited\_messages** (bool, *optional*) – True, if edited messages events, including closed polls, should be returned. Defaults to False.
- **pinned\_messages** (bool, *optional*) – True, if pinned/unpinned messages events should be returned. Defaults to False.
- **leaving\_members** (bool, *optional*) – True, if members leaving events should be returned. Defaults to False.
- **video\_chats** (bool, *optional*) – True, if video chats events should be returned. Defaults to False.

## ChatMemberUpdated

**class** hydrogram.types.ChatMemberUpdated

Represents changes in the status of a chat member.

### Parameters

- **chat** (*Chat*) – Chat the user belongs to.
- **from\_user** (*User*) – Performer of the action, which resulted in the change.
- **date** (*datetime*) – Date the change was done.
- **old\_chat\_member** (*ChatMember*, *optional*) – Previous information about the chat member.
- **new\_chat\_member** (*ChatMember*, *optional*) – New information about the chat member.
- **invite\_link** (*ChatInviteLink*, *optional*) – Chat invite link, which was used by the user to join the chat; for joining by invite link events only.

## ChatJoinRequest

**class** hydrogram.types.ChatJoinRequest

Represents a join request sent to a chat.

### Parameters

- **chat** (*Chat*) – Chat to which the request was sent.
- **from\_user** (*User*) – User that sent the join request.
- **date** (*datetime*) – Date the request was sent.
- **bio** (*str*, *optional*) – Bio of the user.

- **invite\_link** (*ChatInviteLink*, *optional*) – Chat invite link that was used by the user to send the join request.

### ChatJoiner

**class** hydrogram.types.ChatJoiner

Contains information about a joiner member of a chat.

#### Parameters

- **user** (*User*) – Information about the user.
- **date** (*datetime*) – Date when the user joined.
- **bio** (*str*, *optional*) – Bio of the user.
- **pending** (*bool*, *optional*) – True in case the chat joiner has a pending request.
- **approved\_by** (*User*, *optional*) – Administrator who approved this chat joiner.

### Dialog

**class** hydrogram.types.Dialog

A user's dialog.

#### Parameters

- **chat** (*Chat*) – Conversation the dialog belongs to.
- **top\_message** (*Message*) – The last message sent in the dialog at this time.
- **unread\_messages\_count** (*int*) – Amount of unread messages in this dialog.
- **unread\_mentions\_count** (*int*) – Amount of unread messages containing a mention in this dialog.
- **unread\_mark** (*bool*) – True, if the dialog has the unread mark set.
- **is\_pinned** (*bool*) – True, if the dialog is pinned.

### Restriction

**class** hydrogram.types.Restriction

A restriction applied to bots or chats.

#### Parameters

- **platform** (*str*) – The platform the restriction is applied to, e.g. “ios”, “android”
- **reason** (*str*) – The restriction reason, e.g. “porn”, “copyright”.
- **text** (*str*) – The restriction text.

## EmojiStatus

**class** hydrogram.types.**EmojiStatus**

A user emoji status.

### Parameters

- **custom\_emoji\_id** (*int*) – Custom emoji id.
- **until\_date** (*datetime, optional*) – Valid until date.

## Messages & Media

|                                |  |
|--------------------------------|--|
| <i>Message</i>                 | A message.   |
| <i>MessageEntity</i>           | One special entity in a text message.                                      |
| <i>Photo</i>                   | A Photo.   |
| <i>Thumbnail</i>               | One size of a photo or a file/sticker thumbnail.                           |
| <i>Audio</i>                   | An audio file to be treated as music by the Telegram clients.              |
| <i>Document</i>                | A generic file (as opposed to photos, voice messages, audio files, ...).   |
| <i>Animation</i>               | An animation file (GIF or H.264/MPEG-4 AVC video without sound).           |
| <i>Video</i>                   | A video file.  |
| <i>Voice</i>                   | A voice note.  |
| <i>VideoNote</i>               | A video note.  |
| <i>Contact</i>                 | A phone contact.   |
| <i>Location</i>                | A point on the map.  |
| <i>Venue</i>                   | A venue.   |
| <i>Sticker</i>                 | A sticker.   |
| <i>Game</i>                    | A game.  |
| <i>WebPage</i>                 | A webpage preview  |
| <i>Poll</i>                    | A Poll.  |
| <i>PollOption</i>              | Contains information about one answer option in a poll.                    |
| <i>Dice</i>                    | A dice with a random value from 1 to 6 for currently supported base emoji. |
| <i>Reaction</i>                | Contains information about a reaction.                                     |
| <i>VideoChatScheduled</i>      | A service message about a voice chat scheduled in the chat.                |
| <i>VideoChatStarted</i>        | A service message about a voice chat started in the chat.                  |
| <i>VideoChatEnded</i>          | A service message about a voice chat ended in the chat.                    |
| <i>VideoChatMembersInvited</i> | A service message about new members invited to a voice chat.               |
| <i>WebAppData</i>              | Contains data sent from a <a href="#">Web App</a> to the bot.              |
| <i>MessageReactions</i>        | Contains information about a message reactions.                            |
| <i>ChatReactions</i>           | A chat reactions   |

## Message

**class** hydrogram.types.**Message**

A message.

### Parameters

- **id** (int) – Unique message identifier inside this chat.
- **message\_thread\_id** (int, *optional*) – Unique identifier of a message thread to which the message belongs. for supergroups only
- **from\_user** (*User*, *optional*) – Sender, empty for messages sent to channels.
- **sender\_chat** (*Chat*, *optional*) – Sender of the message, sent on behalf of a chat. The channel itself for channel messages. The supergroup itself for messages from anonymous group administrators. The linked channel for messages automatically forwarded to the discussion group.
- **date** (datetime, *optional*) – Date the message was sent.
- **chat** (*Chat*, *optional*) – Conversation the message belongs to.
- **topics** (ForumTopic, *optional*) – Topic the message belongs to.
- **forward\_from** (*User*, *optional*) – For forwarded messages, sender of the original message.
- **forward\_sender\_name** (str, *optional*) – For messages forwarded from users who have hidden their accounts, name of the user.
- **forward\_from\_chat** (*Chat*, *optional*) – For messages forwarded from channels, information about the original channel. For messages forwarded from anonymous group administrators, information about the original supergroup.
- **forward\_from\_message\_id** (int, *optional*) – For messages forwarded from channels, identifier of the original message in the channel.
- **forward\_signature** (str, *optional*) – For messages forwarded from channels, signature of the post author if present.
- **forward\_date** (datetime, *optional*) – For forwarded messages, date the original message was sent.
- **is\_topic\_message** (bool, *optional*) – True, if the message is sent to a forum topic
- **reply\_to\_message\_id** (int, *optional*) – The id of the message which this message directly replied to.
- **reply\_to\_top\_message\_id** (int, *optional*) – The id of the first message which started this message thread.
- **reply\_to\_message** (*Message*, *optional*) – For replies, the original message. Note that the Message object in this field will not contain further reply\_to\_message fields even if it itself is a reply.
- **mentioned** (bool, *optional*) – The message contains a mention.
- **empty** (bool, *optional*) – The message is empty. A message can be empty in case it was deleted or you tried to retrieve a message that doesn't exist yet.
- **service** (*MessageServiceType*, *optional*) – The message is a service message. This field will contain the enumeration type of the service message. You can use `service = getattr(message, message.service.value)` to access the service message.

- **media** (*MessageMediaType*, *optional*) – The message is a media message. This field will contain the enumeration type of the media message. You can use `media = getattr(message, message.media.value)` to access the media message.
- **edit\_date** (*datetime*, *optional*) – Date the message was last edited.
- **media\_group\_id** (*str*, *optional*) – The unique identifier of a media message group this message belongs to.
- **author\_signature** (*str*, *optional*) – Signature of the post author for messages in channels, or the custom title of an anonymous group administrator.
- **has\_protected\_content** (*bool*, *optional*) – True, if the message can't be forwarded.
- **has\_media\_spoiler** (*bool*, *optional*) – True, if the message media is covered by a spoiler animation.
- **text** (*str*, *optional*) – For text messages, the actual UTF-8 text of the message, 0-4096 characters. If the message contains entities (bold, italic, ...) you can access `text.markdown` or `text.html` to get the marked up message text. In case there is no entity, the fields will contain the same text as `text`.
- **entities** (List of *MessageEntity*, *optional*) – For text messages, special entities like usernames, URLs, bot commands, etc. that appear in the text.
- **caption\_entities** (List of *MessageEntity*, *optional*) – For messages with a caption, special entities like usernames, URLs, bot commands, etc. that appear in the caption.
- **audio** (*Audio*, *optional*) – Message is an audio file, information about the file.
- **document** (*Document*, *optional*) – Message is a general file, information about the file.
- **photo** (*Photo*, *optional*) – Message is a photo, information about the photo.
- **sticker** (*Sticker*, *optional*) – Message is a sticker, information about the sticker.
- **animation** (*Animation*, *optional*) – Message is an animation, information about the animation.
- **game** (*Game*, *optional*) – Message is a game, information about the game.
- **video** (*Video*, *optional*) – Message is a video, information about the video.
- **voice** (*Voice*, *optional*) – Message is a voice message, information about the file.
- **video\_note** (*VideoNote*, *optional*) – Message is a video note, information about the video message.
- **caption** (*str*, *optional*) – Caption for the audio, document, photo, video or voice, 0-1024 characters. If the message contains caption entities (bold, italic, ...) you can access `caption.markdown` or `caption.html` to get the marked up caption text. In case there is no caption entity, the fields will contain the same text as `caption`.
- **contact** (*Contact*, *optional*) – Message is a shared contact, information about the contact.
- **location** (*Location*, *optional*) – Message is a shared location, information about the location.
- **venue** (*Venue*, *optional*) – Message is a venue, information about the venue.
- **web\_page** (*WebPage*, *optional*) – Message was sent with a webpage preview.
- **poll** (*Poll*, *optional*) – Message is a native poll, information about the poll.
- **dice** (*Dice*, *optional*) – A dice containing a value that is randomly generated by Telegram.

- **new\_chat\_members** (List of [User](#), *optional*) – New members that were added to the group or supergroup and information about them (the bot itself may be one of these members).
- **left\_chat\_member** ([User](#), *optional*) – A member was removed from the group, information about them (this member may be the bot itself).
- **new\_chat\_title** (*str*, *optional*) – A chat title was changed to this value.
- **new\_chat\_photo** ([Photo](#), *optional*) – A chat photo was change to this value.
- **delete\_chat\_photo** (*bool*, *optional*) – Service message: the chat photo was deleted.
- **group\_chat\_created** (*bool*, *optional*) – Service message: the group has been created.
- **supergroup\_chat\_created** (*bool*, *optional*) – Service message: the supergroup has been created. This field can't be received in a message coming through updates, because bot can't be a member of a supergroup when it is created. It can only be found in `reply_to_message` if someone replies to a very first message in a directly created supergroup.
- **channel\_chat\_created** (*bool*, *optional*) – Service message: the channel has been created. This field can't be received in a message coming through updates, because bot can't be a member of a channel when it is created. It can only be found in `reply_to_message` if someone replies to a very first message in a channel.
- **migrate\_to\_chat\_id** (*int*, *optional*) – The group has been migrated to a supergroup with the specified identifier. This number may be greater than 32 bits and some programming languages may have difficulty/silent defects in interpreting it. But it is smaller than 52 bits, so a signed 64 bit integer or double-precision float type are safe for storing this identifier.
- **migrate\_from\_chat\_id** (*int*, *optional*) – The supergroup has been migrated from a group with the specified identifier. This number may be greater than 32 bits and some programming languages may have difficulty/silent defects in interpreting it. But it is smaller than 52 bits, so a signed 64 bit integer or double-precision float type are safe for storing this identifier.
- **pinned\_message** ([Message](#), *optional*) – Specified message was pinned. Note that the Message object in this field will not contain further `reply_to_message` fields even if it is itself a reply.
- **game\_high\_score** ([GameHighScore](#), *optional*) – The game score for a user. The `reply_to_message` field will contain the game Message.
- **views** (*int*, *optional*) – Channel post views.
- **forwards** (*int*, *optional*) – Channel post forwards.
- **via\_bot** ([User](#)) – The information of the bot that generated the message from an inline query of a user.
- **outgoing** (*bool*, *optional*) – Whether the message is incoming or outgoing. Messages received from other chats are incoming (*outgoing* is False). Messages sent from yourself to other chats are outgoing (*outgoing* is True). An exception is made for your own personal chat; messages sent there will be incoming.
- **matches** (*List of regex Matches*, *\*optional\**) – A list containing all [Match Objects](#) that match the text of this message. Only applicable when using `Filters.regex`.
- **command** (List of *str*, *optional*) – A list containing the command and its arguments, if any. E.g.: `"/start 1 2 3"` would produce `["start", "1", "2", "3"]`. Only applicable when using [command](#).
- **forum\_topic\_created** (`ForumTopicCreated`, *optional*) – Service message: forum topic created



- **forum\_topic\_closed** (`ForumTopicClosed`, *optional*) – Service message: forum topic closed
- **forum\_topic\_reopened** (`ForumTopicReopened`, *optional*) – Service message: forum topic reopened
- **forum\_topic\_edited** (`ForumTopicEdited`, *optional*) – Service message: forum topic edited
- **general\_topic\_hidden** (`GeneralTopicHidden`, *optional*) – Service message: forum general topic hidden
- **general\_topic\_unhidden** (`GeneralTopicUnhidden`, *optional*) – Service message: forum general topic unhidden
- **video\_chat\_scheduled** (`VideoChatScheduled`, *optional*) – Service message: voice chat scheduled.
- **video\_chat\_started** (`VideoChatStarted`, *optional*) – Service message: the voice chat started.
- **video\_chat\_ended** (`VideoChatEnded`, *optional*) – Service message: the voice chat has ended.
- **video\_chat\_members\_invited** (`VoiceChatParticipantsInvited`, *optional*) – Service message: new members were invited to the voice chat.
- **web\_app\_data** (`WebAppData`, *optional*) – Service message: web app data sent to the bot.
- **reply\_markup** (`InlineKeyboardMarkup` | `ReplyKeyboardMarkup` | `ReplyKeyboardRemove` | `ForceReply`, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **reactions** (List of `Reaction`) – List of the reactions to this message.
- **link** (`str`, *property*) – Generate a link to this message, only for groups and channels.

## MessageEntity

**class** `hydrogram.types.MessageEntity`

One special entity in a text message.

For example, hashtags, usernames, URLs, etc.

### Parameters

- **type** (`MessageEntityType`) – Type of the entity.
- **offset** (`int`) – Offset in UTF-16 code units to the start of the entity.
- **length** (`int`) – Length of the entity in UTF-16 code units.
- **url** (`str`, *optional*) – For `TEXT_LINK` only, url that will be opened after user taps on the text.
- **user** (`User`, *optional*) – For `TEXT_MENTION` only, the mentioned user.
- **language** (`str`, *optional*) – For “pre” only, the programming language of the entity text.
- **custom\_emoji\_id** (`int`, *optional*) – For `CUSTOM_EMOJI` only, unique identifier of the custom emoji. Use `get_custom_emoji_stickers()` to get full information about the sticker.

## Photo

**class** hydrogram.types.Photo

A Photo.

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **width** (int) – Photo width.
- **height** (int) – Photo height.
- **file\_size** (int) – File size.
- **date** (datetime) – Date the photo was sent.
- **ttl\_seconds** (int, *optional*) – Time-to-live seconds, for secret photos.
- **thumbs** (List of [Thumbnail](#), *optional*) – Available thumbnails of this photo.

## Thumbnail

**class** hydrogram.types.Thumbnail

One size of a photo or a file/sticker thumbnail.

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **width** (int) – Photo width.
- **height** (int) – Photo height.
- **file\_size** (int) – File size.

## Audio

**class** hydrogram.types.Audio

An audio file to be treated as music by the Telegram clients.

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **duration** (int) – Duration of the audio in seconds as defined by sender.
- **performer** (str, *optional*) – Performer of the audio as defined by sender or by audio tags.
- **title** (str, *optional*) – Title of the audio as defined by sender or by audio tags.
- **file\_name** (str, *optional*) – Audio file name.

- **mime\_type** (str, *optional*) – MIME type of the file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (datetime, *optional*) – Date the audio was originally sent.
- **thumbs** (List of [Thumbnail](#), *optional*) – Thumbnails of the music file album cover.

## Document

**class** hydrogram.types.Document

A generic file (as opposed to photos, voice messages, audio files, ...).

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **file\_name** (str, *optional*) – Original filename as defined by sender.
- **mime\_type** (str, *optional*) – MIME type of the file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (datetime, *optional*) – Date the document was sent.
- **thumbs** (List of [Thumbnail](#), *optional*) – Document thumbnails as defined by sender.

## Animation

**class** hydrogram.types.Animation

An animation file (GIF or H.264/MPEG-4 AVC video without sound).

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **width** (int) – Animation width as defined by sender.
- **height** (int) – Animation height as defined by sender.
- **duration** (int) – Duration of the animation in seconds as defined by sender.
- **file\_name** (str, *optional*) – Animation file name.
- **mime\_type** (str, *optional*) – Mime type of a file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (datetime, *optional*) – Date the animation was sent.
- **thumbs** (List of [Thumbnail](#), *optional*) – Animation thumbnails.

### Video

**class** hydrogram.types.Video

A video file.

#### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **width** (int) – Video width as defined by sender.
- **height** (int) – Video height as defined by sender.
- **duration** (int) – Duration of the video in seconds as defined by sender.
- **file\_name** (str, *optional*) – Video file name.
- **mime\_type** (str, *optional*) – Mime type of a file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **supports\_streaming** (bool, *optional*) – True, if the video was uploaded with streaming support.
- **ttl\_seconds** (int, *optional*) – Time-to-live seconds, for secret photos.
- **date** (datetime, *optional*) – Date the video was sent.
- **thumbs** (List of [Thumbnail](#), *optional*) – Video thumbnails.

### Voice

**class** hydrogram.types.Voice

A voice note.

#### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **duration** (int) – Duration of the audio in seconds as defined by sender.
- **waveform** (bytes, *optional*) – Voice waveform.
- **mime\_type** (str, *optional*) – MIME type of the file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (datetime, *optional*) – Date the voice was sent.

## VideoNote

**class** hydrogram.types.VideoNote

A video note.

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can't be used to download or reuse the file.
- **length** (int) – Video width and height as defined by sender.
- **duration** (int) – Duration of the video in seconds as defined by sender.
- **mime\_type** (str, *optional*) – MIME type of the file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (datetime, *optional*) – Date the video note was sent.
- **thumbs** (List of [Thumbnail](#), *optional*) – Video thumbnails.

## Contact

**class** hydrogram.types.Contact

A phone contact.

### Parameters

- **phone\_number** (str) – Contact's phone number.
- **first\_name** (str) – Contact's first name.
- **last\_name** (str, *optional*) – Contact's last name.
- **user\_id** (int, *optional*) – Contact's user identifier in Telegram.
- **vcard** (str, *optional*) – Additional data about the contact in the form of a vCard.

## Location

**class** hydrogram.types.Location

A point on the map.

### Parameters

- **longitude** (float) – Longitude as defined by sender.
- **latitude** (float) – Latitude as defined by sender.

## Venue

**class** hydrogram.types.Venue

A venue.

### Parameters

- **location** (*Location*) – Venue location.
- **title** (str) – Name of the venue.
- **address** (str) – Address of the venue.
- **foursquare\_id** (str, *optional*) – Foursquare identifier of the venue.
- **foursquare\_type** (str, *optional*) – Foursquare type of the venue. (For example, “arts\_entertainment/default”, “arts\_entertainment/aquarium” or “food/icecream”.)

## Sticker

**class** hydrogram.types.Sticker

A sticker.

### Parameters

- **file\_id** (str) – Identifier for this file, which can be used to download or reuse the file.
- **file\_unique\_id** (str) – Unique identifier for this file, which is supposed to be the same over time and for different accounts. Can’t be used to download or reuse the file.
- **width** (int) – Sticker width.
- **height** (int) – Sticker height.
- **is\_animated** (bool) – True, if the sticker is animated
- **is\_video** (bool) – True, if the sticker is a video sticker
- **file\_name** (str, *optional*) – Sticker file name.
- **mime\_type** (str, *optional*) – MIME type of the file as defined by sender.
- **file\_size** (int, *optional*) – File size.
- **date** (*datetime*, *optional*) – Date the sticker was sent.
- **emoji** (str, *optional*) – Emoji associated with the sticker.
- **set\_name** (str, *optional*) – Name of the sticker set to which the sticker belongs.
- **thumbs** (List of *Thumbnail*, *optional*) – Sticker thumbnails in the .webp or .jpg format.

## Game

### `class hydrogram.types.Game`

A game. Use BotFather to create and edit games, their short names will act as unique identifiers.

#### Parameters

- **id** (`int`) – Unique identifier of the game.
- **title** (`str`) – Title of the game.
- **short\_name** (`str`) – Unique short name of the game.
- **description** (`str`) – Description of the game.
- **photo** (*Photo*) – Photo that will be displayed in the game message in chats.
- **animation** (*Animation*, *optional*) – Animation that will be displayed in the game message in chats. Upload via BotFather.

## WebPage

### `class hydrogram.types.WebPage`

A webpage preview

#### Parameters

- **id** (`str`) – Unique identifier for this webpage.
- **url** (`str`) – Full URL for this webpage.
- **display\_url** (`str`) – Display URL for this webpage.
- **type** (`str`, *optional*) – Type of webpage preview, known types (at the time of writing) are: “*article*”, “*photo*”, “*gif*”, “*video*” and “*document*”, “*telegram\_user*”, “*telegram\_bot*”, “*telegram\_channel*”, “*telegram\_megagroup*”.
- **site\_name** (`str`, *optional*) – Webpage site name.
- **title** (`str`, *optional*) – Title of this webpage.
- **description** (`str`, *optional*) – Description of this webpage.
- **audio** (*Audio*, *optional*) – Webpage preview is an audio file, information about the file.
- **document** (*Document*, *optional*) – Webpage preview is a general file, information about the file.
- **photo** (*Photo*, *optional*) – Webpage preview is a photo, information about the photo.
- **animation** (*Animation*, *optional*) – Webpage preview is an animation, information about the animation.
- **video** (*Video*, *optional*) – Webpage preview is a video, information about the video.
- **embed\_url** (`str`, *optional*) – Embedded content URL.
- **embed\_type** (`str`, *optional*) – Embedded content type, like *iframe*
- **embed\_width** (`int`, *optional*) – Embedded content width.
- **embed\_height** (`int`, *optional*) – Embedded content height.
- **duration** (`int`, *optional*) – Unknown at the time of writing.

- **author** (`str`, *optional*) – Author of the webpage, eg the Twitter user for a tweet, or the author in an article.

### Poll

**class** hydrogram.types.Poll

A Poll.

#### Parameters

- **id** (`str`) – Unique poll identifier.
- **question** (`str`) – Poll question, 1-255 characters.
- **options** (List of [PollOption](#)) – List of poll options.
- **total\_voter\_count** (`int`) – Total number of users that voted in the poll.
- **is\_closed** (`bool`) – True, if the poll is closed.
- **is\_anonymous** (`bool`, *optional*) – True, if the poll is anonymous
- **type** ([PollType](#), *optional*) – Poll type.
- **allows\_multiple\_answers** (`bool`, *optional*) – True, if the poll allows multiple answers.
- **chosen\_option\_id** (`int`, *optional*) – 0-based index of the chosen option), None in case of no vote yet.
- **correct\_option\_id** (`int`, *optional*) – 0-based identifier of the correct answer option. Available only for polls in the quiz mode, which are closed, or was sent (not forwarded) by the bot or to the private chat with the bot.
- **explanation** (`str`, *optional*) – Text that is shown when a user chooses an incorrect answer or taps on the lamp icon in a quiz-style poll, 0-200 characters.
- **explanation\_entities** (List of [MessageEntity](#), *optional*) – Special entities like usernames, URLs, bot commands, etc. that appear in the explanation.
- **open\_period** (`int`, *optional*) – Amount of time in seconds the poll will be active after creation.
- **close\_date** (`datetime`, *optional*) – Point in time when the poll will be automatically closed.

### PollOption

**class** hydrogram.types.PollOption

Contains information about one answer option in a poll.

#### Parameters

- **text** (`str`) – Option text, 1-100 characters.
- **voter\_count** (`int`) – Number of users that voted for this option. Equals to 0 until you vote.
- **data** (`bytes`) – The data this poll option is holding.



## Dice

### `class hydrogram.types.Dice`

A dice with a random value from 1 to 6 for currently supported base emoji.

#### Parameters

- **emoji** (`string`) – Emoji on which the dice throw animation is based.
- **value** (`int`) – Value of the dice, 1-6 for currently supported base emoji.

## Reaction

### `class hydrogram.types.Reaction`

Contains information about a reaction.

#### Parameters

- **emoji** (`str`, *optional*) – Reaction emoji.
- **custom\_emoji\_id** (`int`, *optional*) – Custom emoji id.
- **count** (`int`, *optional*) – Reaction count.
- **chosen\_order** (`int`, *optional*) – Chosen reaction order. Available for chosen reactions.

## VideoChatScheduled

### `class hydrogram.types.VideoChatScheduled`

A service message about a voice chat scheduled in the chat.

#### Parameters

- **start\_date** (`datetime`) – Point in time when the voice chat is supposed to be started by a chat administrator.

## VideoChatStarted

### `class hydrogram.types.VideoChatStarted`

A service message about a voice chat started in the chat.

Currently holds no information.

## VideoChatEnded

### `class hydrogram.types.VideoChatEnded`

A service message about a voice chat ended in the chat.

#### Parameters

- **duration** (`int`) – Voice chat duration; in seconds.

### VideoChatMembersInvited

**class** hydrogram.types.VideoChatMembersInvited

A service message about new members invited to a voice chat.

**Parameters**

**users** (List of [User](#)) – New members that were invited to the voice chat.

### WebAppData

**class** hydrogram.types.WebAppData

Contains data sent from a [Web App](#) to the bot.

**Parameters**

- **data** (str) – The data.
- **button\_text** (str) – Text of the *web\_app* keyboard button, from which the Web App was opened.

### MessageReactions

**class** hydrogram.types.MessageReactions

Contains information about a message reactions.

**Parameters**

**reactions** (List of [Reaction](#)) – Reactions list.

### ChatReactions

**class** hydrogram.types.ChatReactions

A chat reactions

**Parameters**

- **all\_are\_enabled** (bool, *optional*)
- **allow\_custom\_emoji** (bool, *optional*) – Whether custom emoji are allowed or not.
- **reactions** (List of [Reaction](#), *optional*) – Reactions available.

## Bot keyboards

|                             |   |
|-----------------------------|---|
| <i>ReplyKeyboardMarkup</i>  | A custom keyboard with reply options.   |
| <i>KeyboardButton</i>       | One button of the reply keyboard.   |
| <i>ReplyKeyboardRemove</i>  | Object used to tell clients to remove a bot keyboard.   |
| <i>InlineKeyboardMarkup</i> | An inline keyboard that appears right next to the message it belongs to.                            |
| <i>InlineKeyboardButton</i> | One button of an inline keyboard.   |
| <i>LoginUrl</i>             | Represents a parameter of the inline keyboard button used to automatically authorize a user.        |
| <i>ForceReply</i>           | Object used to force clients to show a reply interface.   |
| <i>CallbackQuery</i>        | An incoming callback query from a callback button in an inline keyboard.                            |
| <i>GameHighScore</i>        | One row of the high scores table for a game.  |
| <i>CallbackGame</i>         | Placeholder, currently holds no information.  |
| <i>WebAppInfo</i>           | Contains information about a <a href="#">Web App</a> .  |
| <i>MenuButton</i>           | Describes the bot's menu button in a private chat.  |
| <i>MenuButtonCommands</i>   | A menu button, which opens the bot's list of commands.  |
| <i>MenuButtonWebApp</i>     | A menu button, which launches a <a href="#">Web App</a> .   |
| <i>MenuButtonDefault</i>    | Describes that no specific value for the menu button was set.                                       |
| <i>SentWebAppMessage</i>    | Contains information about an inline message sent by a <a href="#">Web App</a> on behalf of a user. |

## ReplyKeyboardMarkup

**class** hydrogram.types.**ReplyKeyboardMarkup**

A custom keyboard with reply options.

### Parameters

- **keyboard** (List of List of [KeyboardButton](#)) – List of button rows, each represented by a List of KeyboardButton objects.
- **is\_persistent** (bool, *optional*) – Requests clients to always show the keyboard when the regular keyboard is hidden. Defaults to false, in which case the custom keyboard can be hidden and opened with a keyboard icon.
- **resize\_keyboard** (bool, *optional*) – Requests clients to resize the keyboard vertically for optimal fit (e.g., make the keyboard smaller if there are just two rows of buttons). Defaults to false, in which case the custom keyboard is always of the same height as the app's standard keyboard.
- **one\_time\_keyboard** (bool, *optional*) – Requests clients to hide the keyboard as soon as it's been used. The keyboard will still be available, but clients will automatically display the usual letter-keyboard in the chat – the user can press a special button in the input field to see the custom keyboard again. Defaults to false.

- **selective** (*bool, optional*) – Use this parameter if you want to show the keyboard to specific users only. Targets: 1) users that are @mentioned in the text of the Message object; 2) if the bot's message is a reply (has `reply_to_message_id`), sender of the original message. Example: A user requests to change the bot's language, bot replies to the request with a keyboard to select the new language. Other users in the group don't see the keyboard.
- **placeholder** (*str, optional*) – The placeholder to be shown in the input field when the keyboard is active; 1-64 characters.

## KeyboardButton

### **class** hydrogram.types.KeyboardButton

One button of the reply keyboard. For simple text buttons String can be used instead of this object to specify text of the button. Optional fields are mutually exclusive.

#### Parameters

- **text** (*str*) – Text of the button. If none of the optional fields are used, it will be sent as a message when the button is pressed.
- **request\_contact** (*bool, optional*) – If True, the user's phone number will be sent as a contact when the button is pressed. Available in private chats only.
- **request\_location** (*bool, optional*) – If True, the user's current location will be sent when the button is pressed. Available in private chats only.
- **web\_app** (*WebAppInfo, optional*) – If specified, the described [Web App](#) will be launched when the button is pressed. The Web App will be able to send a "web\_app\_data" service message. Available in private chats only.

## ReplyKeyboardRemove

### **class** hydrogram.types.ReplyKeyboardRemove

Object used to tell clients to remove a bot keyboard.

Upon receiving a message with this object, Telegram clients will remove the current custom keyboard and display the default letter-keyboard. By default, custom keyboards are displayed until a new keyboard is sent by a bot. An exception is made for one-time keyboards that are hidden immediately after the user presses a button (see `ReplyKeyboardMarkup`).

#### Parameters

**selective** (*bool, optional*) – Use this parameter if you want to remove the keyboard for specific users only. Targets: 1) users that are @mentioned in the text of the Message object; 2) if the bot's message is a reply (has `reply_to_message_id`), sender of the original message. Example: A user votes in a poll, bot returns confirmation message in reply to the vote and removes the keyboard for that user, while still showing the keyboard with poll options to users who haven't voted yet.

## InlineKeyboardMarkup

**class** hydrogram.types.**InlineKeyboardMarkup**

An inline keyboard that appears right next to the message it belongs to.

### Parameters

**inline\_keyboard** (List of List of [InlineKeyboardButton](#)) – List of button rows, each represented by a List of [InlineKeyboardButton](#) objects.

## InlineKeyboardButton

**class** hydrogram.types.**InlineKeyboardButton**

One button of an inline keyboard.

You must use exactly one of the optional fields.

### Parameters

- **text** (str) – Label text on the button.
- **callback\_data** (str | bytes, *optional*) – Data to be sent in a callback query to the bot when button is pressed, 1-64 bytes.
- **url** (str, *optional*) – HTTP url to be opened when button is pressed.
- **web\_app** ([WebAppInfo](#), *optional*) – Description of the [Web App](#) that will be launched when the user presses the button. The Web App will be able to send an arbitrary message on behalf of the user using the method [answer\\_web\\_app\\_query\(\)](#). Available only in private chats between a user and the bot.
- **login\_url** ([LoginUrl](#), *optional*) – An HTTP URL used to automatically authorize the user. Can be used as a replacement for the [Telegram Login Widget](#).
- **user\_id** (int, *optional*) – User id, for links to the user profile.
- **switch\_inline\_query** (str, *optional*) – If set, pressing the button will prompt the user to select one of their chats, open that chat and insert the bot's username and the specified inline query in the input field. Can be empty, in which case just the bot's username will be inserted. Note: This offers an easy way for users to start using your bot in inline mode when they are currently in a private chat with it. Especially useful when combined with `switch_pm...` actions – in this case the user will be automatically returned to the chat they switched from, skipping the chat selection screen.
- **switch\_inline\_query\_current\_chat** (str, *optional*) – If set, pressing the button will insert the bot's username and the specified inline query in the current chat's input field. Can be empty, in which case only the bot's username will be inserted. This offers a quick way for the user to open your bot in inline mode in the same chat – good for selecting something from multiple options.
- **callback\_game** ([CallbackGame](#), *optional*) – Description of the game that will be launched when the user presses the button. **NOTE:** This type of button **must** always be the first button in the first row.

## LoginUrl

### `class hydrogram.types.LoginUrl`

Represents a parameter of the inline keyboard button used to automatically authorize a user.

Serves as a great replacement for the Telegram Login Widget when the user is coming from Telegram. All the user needs to do is tap/click a button and confirm that they want to log in.

#### Parameters

- **url** (`str`) – An HTTP URL to be opened with user authorization data added to the query string when the button is pressed. If the user refuses to provide authorization data, the original URL without information about the user will be opened. The data added is the same as described in *Receiving authorization data* <<https://core.telegram.org/widgets/login#receiving-authorization-data>>.

**NOTE:** You **must** always check the hash of the received data to verify the authentication and the integrity of the data as described in [Checking authorization](#).

- **forward\_text** (`str`, *optional*) – New text of the button in forwarded messages.
- **bot\_username** (`str`, *optional*) – Username of a bot, which will be used for user authorization. See [Setting up a bot](#) for more details. If not specified, the current bot's username will be assumed. The url's domain must be the same as the domain linked with the bot. See [Linking your domain to the bot](#) for more details.
- **request\_write\_access** (`str`, *optional*) – Pass True to request the permission for your bot to send messages to the user.
- **button\_id** (`int`) – Button identifier.

## ForceReply

### `class hydrogram.types.ForceReply`

Object used to force clients to show a reply interface.

Upon receiving a message with this object, Telegram clients will display a reply interface to the user.

This acts as if the user has selected the bot's message and tapped "Reply". This can be extremely useful if you want to create user-friendly step-by-step interfaces without having to sacrifice privacy mode.

#### Parameters

- **selective** (`bool`, *optional*) – Use this parameter if you want to force reply from specific users only. Targets: 1) users that are @mentioned in the text of the Message object; 2) if the bot's message is a reply (has `reply_to_message_id`), sender of the original message.
- **placeholder** (`str`, *optional*) – The placeholder to be shown in the input field when the reply is active; 1-64 characters.

## CallbackQuery

### `class hydrogram.types.CallbackQuery`

An incoming callback query from a callback button in an inline keyboard.

If the button that originated the query was attached to a message sent by the bot, the field *message* will be present. If the button was attached to a message sent via the bot (in inline mode), the field *inline\_message\_id* will be present. Exactly one of the fields *data* or *game\_short\_name* will be present.

#### Parameters

- **id** (`str`) – Unique identifier for this query.
- **from\_user** (`User`) – Sender.
- **chat\_instance** (`str`, *optional*) – Global identifier, uniquely corresponding to the chat to which the message with the callback button was sent. Useful for high scores in games.
- **message** (`Message`, *optional*) – Message with the callback button that originated the query. Note that message content and message date will not be available if the message is too old.
- **inline\_message\_id** (`str`) – Identifier of the message sent via the bot in inline mode, that originated the query.
- **data** (`str | bytes`, *optional*) – Data associated with the callback button. Be aware that a bad client can send arbitrary data in this field.
- **game\_short\_name** (`str`, *optional*) – Short name of a Game to be returned, serves as the unique identifier for the game.
- **matches** (*List of regex Matches, \*optional\**) – A list containing all `Match Objects` that match the data of this callback query. Only applicable when using `Filters.regex`.

## GameHighScore

### `class hydrogram.types.GameHighScore`

One row of the high scores table for a game.

#### Parameters

- **user** (`User`) – User.
- **score** (`int`) – Score.
- **position** (`int`, *optional*) – Position in high score table for the game.

## CallbackGame

### `class hydrogram.types.CallbackGame`

Placeholder, currently holds no information.

Use BotFather to set up your game.

### WebAppInfo

**class** hydrogram.types.**WebAppInfo**

Contains information about a [Web App](#).

#### Parameters

**url** (str) – An HTTPS URL of a Web App to be opened with additional data as specified in [Initializing Web Apps](#).

### MenuButton

**class** hydrogram.types.**MenuButton**

Describes the bot's menu button in a private chat.

It should be one of:

- [\*MenuButtonCommands\*](#)
- [\*MenuButtonWebApp\*](#)
- [\*MenuButtonDefault\*](#)

If a menu button other than [\*MenuButtonDefault\*](#) is set for a private chat, then it is applied in the chat. Otherwise the default menu button is applied. By default, the menu button opens the list of bot commands.

### MenuButtonCommands

**class** hydrogram.types.**MenuButtonCommands**

A menu button, which opens the bot's list of commands.

### MenuButtonWebApp

**class** hydrogram.types.**MenuButtonWebApp**

A menu button, which launches a [Web App](#).

#### Parameters

- **text** (str) – Text on the button
- **web\_app** ([\*WebAppInfo\*](#)) – Description of the Web App that will be launched when the user presses the button. The Web App will be able to send an arbitrary message on behalf of the user using the method [\*answer\\_web\\_app\\_query\(\)\*](#).

### MenuButtonDefault

**class** hydrogram.types.**MenuButtonDefault**

Describes that no specific value for the menu button was set.



## SentWebAppMessage

### class hydrogram.types.SentWebAppMessage

Contains information about an inline message sent by a [Web App](#) on behalf of a user.

#### Parameters

**inline\_message\_id** (str) – Identifier of the sent inline message. Available only if there is an inline keyboard attached to the message.

## Bot commands

|   |   |
|---|---|
| <i>BotCommand</i>                           | A bot command with the standard slash "/" prefix.   |
| <i>BotCommandScope</i>                      | Represents the scope to which bot commands are applied.   |
| <i>BotCommandScopeDefault</i>               | Represents the default scope of bot commands.   |
| <i>BotCommandScopeAllPrivateChats</i>       | Represents the scope of bot commands, covering all private chats.   |
| <i>BotCommandScopeAllGroupChats</i>         | Represents the scope of bot commands, covering all group and supergroup chats.                            |
| <i>BotCommandScopeAllChatAdministrators</i> | Represents the scope of bot commands, covering all group and supergroup chat administrators.              |
| <i>BotCommandScopeChat</i>                  | Represents the scope of bot commands, covering a specific chat.   |
| <i>BotCommandScopeChatAdministrators</i>    | Represents the scope of bot commands, covering all administrators of a specific group or supergroup chat. |
| <i>BotCommandScopeChatMember</i>            | Represents the scope of bot commands, covering a specific member of a group or supergroup chat.           |

## BotCommand

### class hydrogram.types.BotCommand

A bot command with the standard slash "/" prefix.

#### Parameters

- **command** (str) – Text of the command; 1-32 characters. Can contain only lowercase English letters, digits and underscores.
- **description** (str) – Description of the command; 1-256 characters.

## BotCommandScope

### class hydrogram.types.BotCommandScope

Represents the scope to which bot commands are applied.

Currently, the following 7 scopes are supported:

- *BotCommandScopeDefault*
- *BotCommandScopeAllPrivateChats*
- *BotCommandScopeAllGroupChats*

- *BotCommandScopeAllChatAdministrators*
- *BotCommandScopeChat*
- *BotCommandScopeChatAdministrators*
- *BotCommandScopeChatMember*

### Determining list of commands

The following algorithm is used to determine the list of commands for a particular user viewing the bot menu. The first list of commands which is set is returned:

#### Commands in the chat with the bot:

- BotCommandScopeChat + language\_code
- BotCommandScopeChat
- BotCommandScopeAllPrivateChats + language\_code
- BotCommandScopeAllPrivateChats
- BotCommandScopeDefault + language\_code
- BotCommandScopeDefault

#### Commands in group and supergroup chats

- BotCommandScopeChatMember + language\_code
- BotCommandScopeChatMember
- BotCommandScopeChatAdministrators + language\_code (administrators only)
- BotCommandScopeChatAdministrators (administrators only)
- BotCommandScopeChat + language\_code
- BotCommandScopeChat
- BotCommandScopeAllChatAdministrators + language\_code (administrators only)
- BotCommandScopeAllChatAdministrators (administrators only)
- BotCommandScopeAllGroupChats + language\_code
- BotCommandScopeAllGroupChats
- BotCommandScopeDefault + language\_code
- BotCommandScopeDefault

### BotCommandScopeDefault

#### **class** hydrogram.types.BotCommandScopeDefault

Represents the default scope of bot commands. Default commands are used if no commands with a narrower scope are specified for the user.

### BotCommandScopeAllPrivateChats

**class** hydrogram.types.**BotCommandScopeAllPrivateChats**

Represents the scope of bot commands, covering all private chats.

### BotCommandScopeAllGroupChats

**class** hydrogram.types.**BotCommandScopeAllGroupChats**

Represents the scope of bot commands, covering all group and supergroup chats.

### BotCommandScopeAllChatAdministrators

**class** hydrogram.types.**BotCommandScopeAllChatAdministrators**

Represents the scope of bot commands, covering all group and supergroup chat administrators.

### BotCommandScopeChat

**class** hydrogram.types.**BotCommandScopeChat**

Represents the scope of bot commands, covering a specific chat.

**Parameters**

**chat\_id** (int | str) – Unique identifier for the target chat or username of the target supergroup (in the format @supergroupusername).

### BotCommandScopeChatAdministrators

**class** hydrogram.types.**BotCommandScopeChatAdministrators**

Represents the scope of bot commands, covering all administrators of a specific group or supergroup chat.

**Parameters**

**chat\_id** (int | str) – Unique identifier for the target chat or username of the target supergroup (in the format @supergroupusername).

### BotCommandScopeChatMember

**class** hydrogram.types.**BotCommandScopeChatMember**

Represents the scope of bot commands, covering a specific member of a group or supergroup chat.

**Parameters**

- **chat\_id** (int | str) – Unique identifier for the target chat or username of the target supergroup (in the format @supergroupusername).
- **user\_id** (int | str) – Unique identifier of the target user.

## Input Media

|                            |   |
|----------------------------|---|
| <i>InputMedia</i>          | Content of a media message to be sent.  |
| <i>InputMediaPhoto</i>     | A photo to be sent inside an album.   |
| <i>InputMediaVideo</i>     | A video to be sent inside an album.   |
| <i>InputMediaAudio</i>     | An audio to be sent inside an album.  |
| <i>InputMediaAnimation</i> | An animation file (GIF or H.264/MPEG-4 AVC video without sound) to be sent inside an album. |
| <i>InputMediaDocument</i>  | A generic file to be sent inside an album.  |
| <i>InputPhoneContact</i>   | A Phone Contact to be added in your Telegram address book.                                  |

## InputMedia

**class** hydrogram.types.**InputMedia**

Content of a media message to be sent.

It should be one of:

- *InputMediaAnimation*
- *InputMediaDocument*
- *InputMediaAudio*
- *InputMediaPhoto*
- *InputMediaVideo*

## InputMediaPhoto

**class** hydrogram.types.**InputMediaPhoto**

A photo to be sent inside an album. It is intended to be used with *send\_media\_group*.

### Parameters

- **media** (*str* | *BinaryIO*) – Photo to send. Pass a *file\_id* as string to send a photo that exists on the Telegram servers or pass a file path as string to upload a new photo that exists on your local machine or pass a binary file-like object with its attribute “.name” set for in-memory uploads or pass an HTTP URL as a string for Telegram to get a photo from the Internet.
- **caption** (*str*, *optional*) – Caption of the photo to be sent, 0-1024 characters. If not specified, the original caption is kept. Pass “” (empty string) to remove the caption.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **has\_spoiler** (*bool*, *optional*) – Pass True if the photo needs to be covered with a spoiler animation.

## InputMediaVideo

### `class hydrogram.types.InputMediaVideo`

A video to be sent inside an album. It is intended to be used with `send_media_group`.

#### Parameters

- **media** (`str` | `BinaryIO`) – Video to send. Pass a `file_id` as string to send a video that exists on the Telegram servers or pass a file path as string to upload a new video that exists on your local machine or pass a binary file-like object with its attribute `“.name”` set for in-memory uploads or pass an HTTP URL as a string for Telegram to get a video from the Internet.
- **thumb** (`str`) – Thumbnail of the video sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.
- **caption** (`str`, *optional*) – Caption of the video to be sent, 0-1024 characters. If not specified, the original caption is kept. Pass `“”` (empty string) to remove the caption.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **width** (`int`, *optional*) – Video width.
- **height** (`int`, *optional*) – Video height.
- **duration** (`int`, *optional*) – Video duration.
- **supports\_streaming** (`bool`, *optional*) – Pass True, if the uploaded video is suitable for streaming.
- **has\_spoiler** (`bool`, *optional*) – Pass True if the photo needs to be covered with a spoiler animation.

## InputMediaAudio

### `class hydrogram.types.InputMediaAudio`

An audio to be sent inside an album.

It is intended to be used with `send_media_group()`.

#### Parameters

- **media** (`str` | `BinaryIO`) – Audio to send. Pass a `file_id` as string to send an audio that exists on the Telegram servers or pass a file path as string to upload a new audio that exists on your local machine or pass a binary file-like object with its attribute `“.name”` set for in-memory uploads or pass an HTTP URL as a string for Telegram to get an audio file from the Internet.
- **thumb** (`str`, *optional*) – Thumbnail of the music file album cover. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.
- **caption** (`str`, *optional*) – Caption of the audio to be sent, 0-1024 characters. If not specified, the original caption is kept. Pass `“”` (empty string) to remove the caption.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.

- **caption\_entities** (List of [MessageEntity](#)) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **duration** (int, *optional*) – Duration of the audio in seconds
- **performer** (str, *optional*) – Performer of the audio
- **title** (str, *optional*) – Title of the audio

### InputMediaAnimation

**class** hydrogram.types.InputMediaAnimation

An animation file (GIF or H.264/MPEG-4 AVC video without sound) to be sent inside an album.

#### Parameters

- **media** (str | BinaryIO) – Animation to send. Pass a file\_id as string to send a file that exists on the Telegram servers or pass a file path as string to upload a new file that exists on your local machine or pass a binary file-like object with its attribute “.name” set for in-memory uploads or pass an HTTP URL as a string for Telegram to get an animation from the Internet.
- **thumb** (str, *optional*) – Thumbnail of the animation file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.
- **caption** (str, *optional*) – Caption of the animation to be sent, 0-1024 characters. If not specified, the original caption is kept. Pass “” (empty string) to remove the caption.
- **parse\_mode** ([ParseMode](#), *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of [MessageEntity](#)) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **width** (int, *optional*) – Animation width.
- **height** (int, *optional*) – Animation height.
- **duration** (int, *optional*) – Animation duration.
- **has\_spoiler** (bool, *optional*) – Pass True if the photo needs to be covered with a spoiler animation.

### InputMediaDocument

**class** hydrogram.types.InputMediaDocument

A generic file to be sent inside an album.

#### Parameters

- **media** (str | BinaryIO) – File to send. Pass a file\_id as string to send a file that exists on the Telegram servers or pass a file path as string to upload a new file that exists on your local machine or pass a binary file-like object with its attribute “.name” set for in-memory uploads or pass an HTTP URL as a string for Telegram to get a file from the Internet.
- **thumb** (str) – Thumbnail of the file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail’s width and height should not exceed 320 pixels. Thumbnails can’t be reused and can be only uploaded as a new file.

- **caption** (*str, optional*) – Caption of the document to be sent, 0-1024 characters. If not specified, the original caption is kept. Pass "" (empty string) to remove the caption.
- **parse\_mode** (*ParseMode, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.

## InputPhoneContact

### class hydrogram.types.InputPhoneContact

A Phone Contact to be added in your Telegram address book. It is intended to be used with `add_contacts()`

#### Parameters

- **phone** (*str*) – Contact's phone number
- **first\_name** (*str*) – Contact's first name
- **last\_name** (*str, optional*) – Contact's last name

## Inline Mode

|   |   |
|---|---|
| <i>InlineQuery</i>                      | An incoming inline query.   |
| <i>InlineQueryResult</i>                | One result of an inline query.  |
| <i>InlineQueryResultCachedAudio</i>     | A link to an MP3 audio file stored on the Telegram servers                            |
| <i>InlineQueryResultCachedDocument</i>  | A link to a file stored on the Telegram servers.                                      |
| <i>InlineQueryResultCachedAnimation</i> | A link to an animation file stored on the Telegram servers.                           |
| <i>InlineQueryResultCachedPhoto</i>     | A link to a photo stored on the Telegram servers.                                     |
| <i>InlineQueryResultCachedSticker</i>   | A link to a sticker stored on the Telegram servers                                    |
| <i>InlineQueryResultCachedVideo</i>     | A link to a video file stored on the Telegram servers.                                |
| <i>InlineQueryResultCachedVoice</i>     | A link to a voice message stored on the Telegram servers.                             |
| <i>InlineQueryResultArticle</i>         | Link to an article or web page.   |
| <i>InlineQueryResultAudio</i>           | Link to an audio file.  |
| <i>InlineQueryResultContact</i>         | Contact with a phone number   |
| <i>InlineQueryResultDocument</i>        | Link to a file.   |
| <i>InlineQueryResultAnimation</i>       | Link to an animated GIF file.   |
| <i>InlineQueryResultLocation</i>        | A location on a map.  |
| <i>InlineQueryResultPhoto</i>           | Link to a photo.  |
| <i>InlineQueryResultVenue</i>           | A venue.  |
| <i>InlineQueryResultVideo</i>           | Link to a page containing an embedded video player or a video file.                   |
| <i>InlineQueryResultVoice</i>           | Link to a voice recording in an .OGG container encoded with OPUS.                     |
| <i>ChosenInlineResult</i>               | A <i>result</i> of an inline query chosen by the user and sent to their chat partner. |

### InlineQuery

#### **class** hydrogram.types.**InlineQuery**

An incoming inline query.

When the user sends an empty query, your bot could return some default or trending results.

##### **Parameters**

- **id** (*str*) – Unique identifier for this query.
- **from\_user** (*User*) – Sender.
- **query** (*str*) – Text of the query (up to 512 characters).
- **offset** (*str*) – Offset of the results to be returned, can be controlled by the bot.
- **chat\_type** (*ChatType, optional*) – Type of the chat, from which the inline query was sent.
- **location** (*Location, optional*) – Sender location, only for bots that request user location.
- **matches** (*List of regex Matches, \*optional\**) – A list containing all [Match Objects](#) that match the query of this inline query. Only applicable when using `Filters.regex`.

### InlineQueryResult

#### **class** hydrogram.types.**InlineQueryResult**

One result of an inline query.

- *InlineQueryResultCachedAudio*
- *InlineQueryResultCachedDocument*
- *InlineQueryResultCachedAnimation*
- *InlineQueryResultCachedPhoto*
- *InlineQueryResultCachedSticker*
- *InlineQueryResultCachedVideo*
- *InlineQueryResultCachedVoice*
- *InlineQueryResultArticle*
- *InlineQueryResultAudio*
- *InlineQueryResultContact*
- *InlineQueryResultDocument*
- *InlineQueryResultAnimation*
- *InlineQueryResultLocation*
- *InlineQueryResultPhoto*
- *InlineQueryResultVenue*
- *InlineQueryResultVideo*
- *InlineQueryResultVoice*



## InlineQueryResultCachedAudio

### `class hydrogram.types.InlineQueryResultCachedAudio`

A link to an MP3 audio file stored on the Telegram servers

By default, this audio file will be sent by the user. Alternatively, you can use `input_message_content` to send a message with the specified content instead of the audio.

#### Parameters

- **audio\_file\_id** (`str`) – A valid file identifier for the audio file.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **caption** (`str`, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **reply\_markup** (`InlineKeyboardMarkup`, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (`InputMessageContent`) – Content of the message to be sent instead of the photo.

## InlineQueryResultCachedDocument

### `class hydrogram.types.InlineQueryResultCachedDocument`

A link to a file stored on the Telegram servers.

By default, this file will be sent by the user with an optional caption. Alternatively, you can use `input_message_content` to send a message with the specified content instead of the file.

#### Parameters

- **document\_file\_id** (`str`) – A valid file identifier for the file.
- **title** (`str`) – Title for the result.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **description** (`str`, *optional*) – Short description of the result.
- **caption** (`str`, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **reply\_markup** (`InlineKeyboardMarkup`, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (`InputMessageContent`) – Content of the message to be sent instead of the photo.

### InlineQueryResultCachedAnimation

#### `class hydrogram.types.InlineQueryResultCachedAnimation`

A link to an animation file stored on the Telegram servers.

By default, this animation file will be sent by the user with an optional caption. Alternatively, you can use `input_message_content` to send a message with specified content instead of the animation.

##### Parameters

- **animation\_file\_id** (`str`) – A valid file identifier for the animation file.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **title** (`str`, *optional*) – Title for the result.
- **caption** (`str`, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **reply\_markup** (`InlineKeyboardMarkup`, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (`InputMessageContent`) – Content of the message to be sent instead of the photo.

### InlineQueryResultCachedPhoto

#### `class hydrogram.types.InlineQueryResultCachedPhoto`

A link to a photo stored on the Telegram servers.

By default, this photo will be sent by the user with an optional caption. Alternatively, you can use `input_message_content` to send a message with the specified content instead of the photo.

##### Parameters

- **photo\_file\_id** (`str`) – A valid file identifier of the photo.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **title** (`str`, *optional*) – Title for the result.
- **description** (`str`, *optional*) – Short description of the result.
- **caption** (`str`, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **reply\_markup** (`InlineKeyboardMarkup`, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (`InputMessageContent`) – Content of the message to be sent instead of the photo.

## InlineQueryResultCachedSticker

### `class hydrogram.types.InlineQueryResultCachedSticker`

A link to a sticker stored on the Telegram servers

By default, this sticker will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the sticker.

#### Parameters

- **sticker\_file\_id** (`str`) – A valid file identifier of the sticker.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **reply\_markup** (*`InlineKeyboardMarkup`*, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (*`InputMessageContent`*) – Content of the message to be sent instead of the photo.

## InlineQueryResultCachedVideo

### `class hydrogram.types.InlineQueryResultCachedVideo`

A link to a video file stored on the Telegram servers.

By default, this video file will be sent by the user with an optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the video.

#### Parameters

- **video\_file\_id** (`str`) – A valid file identifier for the video file.
- **title** (`str`) – Title for the result.
- **id** (`str`, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **description** (`str`, *optional*) – Short description of the result.
- **caption** (`str`, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (*`ParseMode`*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *`MessageEntity`*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*`InlineKeyboardMarkup`*, *optional*) – An `InlineKeyboardMarkup` object.
- **input\_message\_content** (*`InputMessageContent`*) – Content of the message to be sent instead of the photo.

## InlineQueryResultCachedVoice

**class** hydrogram.types.InlineQueryResultCachedVoice

A link to a voice message stored on the Telegram servers.

By default, this voice message will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the voice message.

### Parameters

- **voice\_file\_id** (str) – A valid file identifier for the voice message.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **title** (str, *optional*) – Title for the result.
- **caption** (str, *optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An *InlineKeyboardMarkup* object.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the photo.

## InlineQueryResultArticle

**class** hydrogram.types.InlineQueryResultArticle

Link to an article or web page.

### Parameters

- **title** (str) – Title for the result.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **url** (str, *optional*) – URL of the result.
- **description** (str, *optional*) – Short description of the result.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **thumb\_url** (str, *optional*) – Url of the thumbnail for the result.
- **thumb\_width** (int, *optional*) – Thumbnail width.
- **thumb\_height** (int, *optional*) – Thumbnail height.

## InlineQueryResultAudio

**class** hydrogram.types.**InlineQueryResultAudio**

Link to an audio file.

By default, this audio file will be sent by the user with optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the audio.

### Parameters

- **audio\_url** (str) – A valid URL for the audio file.
- **title** (str) – Title for the result.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **performer** (str, *optional*) – Audio performer.
- **audio\_duration** (int, *optional*) – Audio duration in seconds.
- **caption** (str, *optional*) – Caption of the audio to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*, *optional*) – Content of the message to be sent instead of the audio.

## InlineQueryResultContact

**class** hydrogram.types.**InlineQueryResultContact**

Contact with a phone number

By default, this contact will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the contact.

### Parameters

- **phone\_number** (str) – Contact's phone number.
- **first\_name** (str) – Contact's first name.
- **last\_name** (str, *optional*) – Contact's last name.
- **vcard** (str, *optional*) – Additional data about the contact in the form of a *vCard*.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*, *optional*) – Content of the message to be sent instead of the contact.
- **thumb\_url** (str, *optional*) – Url of the thumbnail for the result.

- **thumb\_width** (int, *optional*) – Thumbnail width.
- **thumb\_height** (int, *optional*) – Thumbnail height.

## InlineQueryResultDocument

**class** hydrogram.types.InlineQueryResultDocument

Link to a file.

By default, this file will be sent by the user with an optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the file.

### Parameters

- **document\_url** (str) – A valid URL for the file.
- **title** (str) – Title for the result.
- **mime\_type** (str, *optional*) – Mime type of the content of the file, either “application/pdf” or “application/zip”. Defaults to “application/zip”.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **caption** (str, *optional*) – Caption of the video to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **description** (str, *optional*) – Short description of the result.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the file.
- **thumb\_url** (str, *optional*) – Url of the thumbnail for the result.
- **thumb\_width** (int, *optional*) – Thumbnail width.
- **thumb\_height** (int, *optional*) – Thumbnail height.

## InlineQueryResultAnimation

**class** hydrogram.types.InlineQueryResultAnimation

Link to an animated GIF file.

By default, this animated GIF file will be sent by the user with optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the animation.

### Parameters

- **animation\_url** (str) – A valid URL for the animated GIF file. File size must not exceed 1 MB.
- **animation\_width** (int, *optional*) – Width of the animation.
- **animation\_height** (int, *optional*) – Height of the animation.

- **animation\_duration** (*int, optional*) – Duration of the animation in seconds.
- **thumb\_url** (*str, optional*) – URL of the static thumbnail for the result (jpeg or gif) Defaults to the value passed in *animation\_url*.
- **thumb\_mime\_type** (*str, optional*) – MIME type of the thumbnail, must be one of “image/jpeg”, “image/gif”, or “video/mp4”. Defaults to “image/jpeg”.
- **id** (*str, optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **title** (*str, optional*) – Title for the result.
- **caption** (*str, optional*) – Caption of the animation to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup, optional*) – An *InlineKeyboardMarkup* object.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the photo.

## InlineQueryResultLocation

**class** hydrogram.types.**InlineQueryResultLocation**

A location on a map.

By default, the location will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the location.

### Parameters

- **title** (*str*) – Title for the result.
- **latitude** (*float*) – Location latitude in degrees.
- **longitude** (*float*) – Location longitude in degrees.
- **id** (*str, optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **horizontal\_accuracy** (*float, optional*) – The radius of uncertainty for the location, measured in meters; 0-1500.
- **live\_period** (*int, optional*) – Period in seconds for which the location can be updated, should be between 60 and 86400.
- **heading** (*int, optional*) – For live locations, a direction in which the user is moving, in degrees. Must be between 1 and 360 if specified.
- **proximity\_alert\_radius** (*int, optional*) – For live locations, a maximum distance for proximity alerts about approaching another chat member, in meters. Must be between 1 and 100000 if specified.
- **reply\_markup** (*InlineKeyboardMarkup, optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the file.

- **thumb\_url** (*str, optional*) – Url of the thumbnail for the result.
- **thumb\_width** (*int, optional*) – Thumbnail width.
- **thumb\_height** (*int, optional*) – Thumbnail height.

## **InlineQueryResultPhoto**

### **class hydrogram.types.InlineQueryResultPhoto**

Link to a photo.

By default, this photo will be sent by the user with optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the photo.

#### **Parameters**

- **photo\_url** (*str*) – A valid URL of the photo. Photo must be in jpeg format and must not exceed 5 MB.
- **thumb\_url** (*str, optional*) – URL of the thumbnail for the photo. Defaults to the value passed in *photo\_url*.
- **photo\_width** (*int, optional*) – Width of the photo.
- **photo\_height** (*int, optional*) – Height of the photo.
- **id** (*str, optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **title** (*str, optional*) – Title for the result.
- **description** (*str, optional*) – Short description of the result.
- **caption** (*str, optional*) – Caption of the photo to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup, optional*) – An InlineKeyboardMarkup object.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the photo.

## **InlineQueryResultVenue**

### **class hydrogram.types.InlineQueryResultVenue**

A venue.

By default, the venue will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the venue.

#### **Parameters**

- **title** (*str*) – Title for the result.
- **address** (*str*) – Address of the venue.
- **latitude** (*float*) – Location latitude in degrees.



- **longitude** (float) – Location longitude in degrees.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **foursquare\_id** (str, *optional*) – Foursquare identifier of the venue if known.
- **foursquare\_type** (str, *optional*) – Foursquare type of the venue, if known.
- **google\_place\_id** (str, *optional*) – Google Places identifier of the venue.
- **google\_place\_type** (str, *optional*) – Google Places type of the venue.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the file.
- **thumb\_url** (str, *optional*) – Url of the thumbnail for the result.
- **thumb\_width** (int, *optional*) – Thumbnail width.
- **thumb\_height** (int, *optional*) – Thumbnail height.

## InlineQueryResultVideo

### class hydrogram.types.InlineQueryResultVideo

Link to a page containing an embedded video player or a video file.

By default, this video file will be sent by the user with an optional caption. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the video.

#### Parameters

- **video\_url** (str) – A valid URL for the embedded video player or video file.
- **thumb\_url** (str) – URL of the thumbnail (jpeg only) for the video.
- **title** (str) – Title for the result.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **mime\_type** (str) – Mime type of the content of video url, “text/html” or “video/mp4”. Defaults to “video/mp4”.
- **video\_width** (int) – Video width.
- **video\_height** (int) – Video height.
- **video\_duration** (int) – Video duration in seconds.
- **description** (str, *optional*) – Short description of the result.
- **caption** (str, *optional*) – Caption of the video to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message

- **input\_message\_content** (*InputMessageContent*) – Content of the message to be sent instead of the video. This field is required if `InlineQueryResultVideo` is used to send an HTML-page as a result (e.g., a YouTube video).

## **InlineQueryResultVoice**

### **class hydrogram.types.InlineQueryResultVoice**

Link to a voice recording in an .OGG container encoded with OPUS.

By default, this voice recording will be sent by the user. Alternatively, you can use *input\_message\_content* to send a message with the specified content instead of the voice message.

#### **Parameters**

- **voice\_url** (str) – A valid URL for the voice recording.
- **title** (str) – Title for the result.
- **id** (str, *optional*) – Unique identifier for this result, 1-64 bytes. Defaults to a randomly generated UUID4.
- **voice\_duration** (int, *optional*) – Recording duration in seconds.
- **caption** (str, *optional*) – Caption of the audio to be sent, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – Inline keyboard attached to the message.
- **input\_message\_content** (*InputMessageContent*, *optional*) – Content of the message to be sent instead of the audio.

## **ChosenInlineResult**

### **class hydrogram.types.ChosenInlineResult**

A *result* of an inline query chosen by the user and sent to their chat partner.

---

**Note:** In order to receive these updates, your bot must have “inline feedback” enabled. You can enable this feature with [@BotFather](#).

---

#### **Parameters**

- **result\_id** (str) – The unique identifier for the result that was chosen.
- **from\_user** (*User*) – The user that chose the result.
- **query** (str) – The query that was used to obtain the result.
- **location** (*Location*, *optional*) – Sender location, only for bots that require user location.
- **inline\_message\_id** (str, *optional*) – Identifier of the sent inline message. Available only if there is an *inline keyboard* attached to the message. Will be also received in *callback queries* and can be used to edit the message.

## InputMessageContent

|                                |  |
|--------------------------------|--|
| <i>InputMessageContent</i>     | Content of a message to be sent as a result of an inline query.        |
| <i>InputTextMessageContent</i> | Content of a text message to be sent as the result of an inline query. |

## InputMessageContent

### `class hydrogram.types.InputMessageContent`

Content of a message to be sent as a result of an inline query.

Hydrogram currently supports the following types:

- *InputTextMessageContent*

## InputTextMessageContent

### `class hydrogram.types.InputTextMessageContent`

Content of a text message to be sent as the result of an inline query.

#### Parameters

- **message\_text** (`str`) – Text of the message to be sent, 1-4096 characters.
- **parse\_mode** (*`ParseMode`*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *`MessageEntity`*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (`bool`, *optional*) – Disables link previews for links in this message.

## Authorization

|                       |   |
|-----------------------|---|
| <i>SentCode</i>       | Contains info on a sent confirmation code.                              |
| <i>TermsOfService</i> | Telegram's Terms of Service returned by <i><code>sign_in()</code></i> . |

## SentCode

### `class hydrogram.types.SentCode`

Contains info on a sent confirmation code.

#### Parameters

- **type** (*`SentCodeType`*) – Type of the current sent code.
- **phone\_code\_hash** (`str`) – Confirmation code identifier useful for the next authorization steps (either *`sign_in()`* or *`sign_up()`*).

- **next\_type** (*NextCodeType*, *optional*) – Type of the next code to be sent with `resend_code()`.
- **timeout** (*int*, *optional*) – Delay in seconds before calling `resend_code()`.

## TermsOfService

**class** `hydrogram.types.TermsOfService`

Telegram's Terms of Service returned by `sign_in()`.

### Parameters

- **id** (*str*) – Terms of Service identifier.
- **text** (*str*) – Terms of Service text.
- **entities** (List of *MessageEntity*) – Special entities like URLs that appear in the text.

## 2.3.13 Bound Methods

Some Hydrogram types define what are called bound methods. Bound methods are functions attached to a type which are accessed via an instance of that type. They make it even easier to call specific methods by automatically inferring some of the required arguments.

```
from hydrogram import Client

app = Client("my_account")

@app.on_message()
def hello(client, message)
    message.reply("hi")

app.run()
```

---

## Message

- |                                    |  |                                    |
|------------------------------------|--|------------------------------------|
| • <code>click()</code>             | • <code>reply()</code>                   | • <code>reply_media_group()</code> |
| • <code>delete()</code>            | • <code>reply_text()</code>              | • <code>reply_photo()</code>       |
| • <code>download()</code>          | • <code>reply_animation()</code>         | • <code>reply_poll()</code>        |
| • <code>forward()</code>           | • <code>reply_audio()</code>             | • <code>reply_sticker()</code>     |
| • <code>copy()</code>              | • <code>reply_cached_media()</code>      | • <code>reply_venue()</code>       |
| • <code>pin()</code>               | • <code>reply_chat_action()</code>       | • <code>reply_video()</code>       |
| • <code>unpin()</code>             | • <code>reply_contact()</code>           | • <code>reply_video_note()</code>  |
| • <code>edit()</code>              | • <code>reply_document()</code>          | • <code>reply_voice()</code>       |
| • <code>edit_text()</code>         | • <code>reply_game()</code>              | • <code>get_media_group()</code>   |
| • <code>edit_caption()</code>      |  | • <code>react()</code>             |
| • <code>edit_media()</code>        | • <code>reply_inline_bot_result()</code> |                                    |
| • <code>edit_reply_markup()</code> | • <code>reply_location()</code>          |                                    |

## Message.click()

### Message.click()

Bound method *click* of *Message*.

Use as a shortcut for clicking a button attached to the message instead of:

- Clicking inline buttons:

```
await client.request_callback_answer(
    chat_id=message.chat.id,
    message_id=message.id,
    callback_data=message.reply_markup[i][j].callback_data,
)
```

- Clicking normal buttons:

```
await client.send_message(chat_id=message.chat.id, text=message.reply_markup[i][j].
↪text)
```

## Example

This method can be used in three different ways:

1. Pass one integer argument only (e.g.: `.click(2)`), to click a button at index 2). Buttons are counted left to right, starting from the top.
2. Pass two integer arguments (e.g.: `.click(1, 0)`), to click a button at position (1, 0)). The origin (0, 0) is top-left.
3. Pass one string argument only (e.g.: `.click("Settings")`), to click a button by using its label). Only the first matching button will be pressed.

### Parameters

- **x** (*int* | *str*) – Used as integer index, integer abscissa (in pair with y) or as string label. Defaults to 0 (first button).
- **y** (*int*, *optional*) – Used as ordinate only (in pair with x).
- **quote** (*bool*, *optional*) – Useful for normal buttons only, where pressing it will result in a new message sent. If `True`, the message will be sent as a reply to this message. Defaults to `True` in group chats and `False` in private chats.
- **timeout** (*int*, *optional*) – Timeout in seconds.

### Returns

- The result of `request_callback_answer()` in case of inline callback button clicks.
- The result of `reply()` in case of normal button clicks.
- A string in case the inline button is a URL, a `switch_inline_query` or a `switch_inline_query_current_chat` button.

### Raises

- **RPCError** – In case of a Telegram RPC error.

- **ValueError** – In case the provided index or position is out of range or the button label was not found.
- **TimeoutError** – In case, after clicking an inline button, the bot fails to answer within the timeout.

### Message.delete()

#### Message.delete()

Bound method *delete* of *Message*.

Use as a shortcut for:

```
await client.delete_messages(chat_id=chat_id, message_ids=message.id)
```

### Example

```
await message.delete()
```

#### Parameters

**revoke** (bool, *optional*) – Deletes messages on both parts. This is only for private cloud chats and normal groups, messages on channels and supergroups are always revoked (i.e.: deleted for everyone). Defaults to True.

#### Returns

True on success, False otherwise.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.download()

#### Message.download()

Bound method *download* of *Message*.

Use as a shortcut for:

```
await client.download_media(message)
```

### Example

```
await message.download()
```

#### Parameters

- **file\_name** (str, *optional*) – A custom *file\_name* to be used instead of the one provided by Telegram. By default, all files are downloaded in the *downloads* folder in your working directory. You can also specify a path for downloading files in a custom location: paths that end with “/” are considered directories. All non-existent folders will be created automatically.
- **in\_memory** (bool, *optional*) – Pass True to download the media in-memory. A binary file-like object with its attribute “.name” set will be returned. Defaults to False.

- **block** (*bool, optional*) – Blocks the code execution until the file has been downloaded. Defaults to `True`.
- **progress** (*Callable, optional*) – Pass a callback function to view the file transmission progress. The function must take (*current, total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (*tuple, optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a `Message` object or a `Client` instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (*int*) – The amount of bytes transmitted so far.
- **total** (*int*) – The total size of the file.
- **\*args** (*tuple, optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

On success, the absolute path of the downloaded file as string is returned, `None` otherwise.

#### Raises

- **RPCError** – In case of a Telegram RPC error.
- **ValueError** – If the message doesn't contain any downloadable media

### Message.forward()

#### Message.forward()

Bound method *forward* of *Message*.

Use as a shortcut for:

```
await client.forward_messages(
    chat_id=chat_id, from_chat_id=message.chat.id, message_ids=message.id
)
```

#### Example

```
await message.forward(chat_id)
```

#### Parameters

- **chat\_id** (*int | str*) – Unique identifier (*int*) or username (*str*) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (*str*).
- **message\_thread\_id** (*int, optional*) – Unique identifier of a message thread to which the message belongs; for supergroups only
- **disable\_notification** (*bool, optional*) – Sends the message silently. Users will receive a notification with no sound.

- **schedule\_date** (*datetime, optional*) – Date when the message will be automatically sent.

**Returns**

On success, the forwarded Message is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.copy()****Message.copy()**

Bound method *copy* of *Message*.

Use as a shortcut for:

```
await client.copy_message(
    chat_id=chat_id, from_chat_id=message.chat.id, message_id=message.id
)
```

**Example**

```
await message.copy(chat_id)
```

**Parameters**

- **chat\_id** (*int | str*) – Unique identifier (*int*) or username (*str*) of the target chat. For your personal cloud (Saved Messages) you can simply use “me” or “self”. For a contact that exists in your Telegram address book you can use his phone number (*str*).
- **caption** (*string, optional*) – New caption for media, 0-1024 characters after entities parsing. If not specified, the original caption is kept. Pass “” (empty string) to remove the caption.
- **message\_thread\_id** (*int, optional*) – Unique identifier for the target message thread (topic) of the forum. for forum supergroups only.
- **parse\_mode** (*ParseMode, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the new caption, which can be specified instead of *parse\_mode*.
- **disable\_notification** (*bool, optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (*int, optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime, optional*) – Date when the message will be automatically sent.
- **protect\_content** (*bool, optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup | ReplyKeyboardMarkup | ReplyKeyboardRemove | ForceReply, optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user. If not specified, the original reply markup is kept. Pass None to remove the reply markup.



**Returns**

*Message* – On success, the copied message is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.pin()****Message.pin()**

Bound method *pin* of *Message*.

Use as a shortcut for:

```
await client.pin_chat_message(chat_id=message.chat.id, message_id=message_id)
```

**Example**

```
await message.pin()
```

**Parameters**

- **disable\_notification** (bool) – Pass True, if it is not necessary to send a notification to all chat members about the new pinned message. Notifications are always disabled in channels.
- **both\_sides** (bool, *optional*) – Pass True to pin the message for both sides (you and recipient). Applicable to private chats only. Defaults to False.

**Returns**

*Message* – On success, the service message is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.unpin()****Message.unpin()**

Bound method *unpin* of *Message*.

Use as a shortcut for:

```
await client.unpin_chat_message(chat_id=message.chat.id, message_id=message_id)
```

**Example**

```
await message.unpin()
```

**Returns**

True on success.

**Raises**

**RPCError** – In case of a Telegram RPC error.

## Message.edit()

Message.edit()

Bound method *edit\_text* of *Message*.

An alias exists as *edit*.

Use as a shortcut for:

```
await client.edit_message_text(
    chat_id=message.chat.id, message_id=message.id, text="hello"
)
```

## Example

```
await message.edit_text("hello")
```

### Parameters

- **text** (str) – New text of the message.
- **parse\_mode** (*ParseMode*, optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (bool, optional) – Disables link previews for links in this message.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

### Returns

On success, the edited *Message* is returned.

### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.edit\_text()

Message.edit\_text()

Bound method *edit\_text* of *Message*.

An alias exists as *edit*.

Use as a shortcut for:

```
await client.edit_message_text(
    chat_id=message.chat.id, message_id=message.id, text="hello"
)
```

### Example

```
await message.edit_text("hello")
```

#### Parameters

- **text** (str) – New text of the message.
- **parse\_mode** (*ParseMode*, optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (bool, optional) – Disables link previews for links in this message.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

#### Returns

On success, the edited *Message* is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.edit\_caption()

`Message.edit_caption()`

Bound method *edit\_caption* of *Message*.

Use as a shortcut for:

```
await client.edit_message_caption(
    chat_id=message.chat.id, message_id=message.id, caption="hello"
)
```

### Example

```
await message.edit_caption("hello")
```

#### Parameters

- **caption** (str) – New caption of the message.
- **parse\_mode** (*ParseMode*, optional) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **reply\_markup** (*InlineKeyboardMarkup*, optional) – An *InlineKeyboardMarkup* object.

#### Returns

On success, the edited *Message* is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.edit\_media()

Message.edit\_media()

Bound method *edit\_media* of *Message*.

Use as a shortcut for:

```
await client.edit_message_media(
    chat_id=message.chat.id, message_id=message.id, media=media
)
```

### Example

```
await message.edit_media(media)
```

#### Parameters

- **media** (*InputMedia*) – One of the InputMedia objects describing an animation, audio, document, photo or video.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An InlineKeyboardMarkup object.

#### Returns

On success, the edited *Message* is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.edit\_reply\_markup()

Message.edit\_reply\_markup()

Bound method *edit\_reply\_markup* of *Message*.

Use as a shortcut for:

```
await client.edit_message_reply_markup(
    chat_id=message.chat.id, message_id=message.id, reply_markup=inline_reply_markup
)
```

### Example

```
await message.edit_reply_markup(inline_reply_markup)
```

#### Parameters

**reply\_markup** (*InlineKeyboardMarkup*) – An InlineKeyboardMarkup object.

#### Returns

On success, if edited message is sent by the bot, the edited *Message* is returned, otherwise True is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply()

### Message.reply()

Bound method *reply\_text* of *Message*.

An alias exists as *reply*.

Use as a shortcut for:

```
await client.send_message(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    text="hello",
    reply_to_message_id=message.id,
)
```

### Example

```
await message.reply_text("hello", quote=True)
```

#### Parameters

- **text** (str) – Text of the message to be sent.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of *parse\_mode*.
- **disable\_web\_page\_preview** (bool, *optional*) – Disables link previews for links in this message.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (*datetime*, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

On success, the sent Message is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_text()

### Message.reply\_text()

Bound method `reply_text` of `Message`.

An alias exists as `reply`.

Use as a shortcut for:

```
await client.send_message(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    text="hello",
    reply_to_message_id=message.id,
)
```

### Example

```
await message.reply_text("hello", quote=True)
```

#### Parameters

- **text** (str) – Text of the message to be sent.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **entities** (List of *MessageEntity*) – List of special entities that appear in message text, which can be specified instead of `parse_mode`.
- **disable\_web\_page\_preview** (bool, *optional*) – Disables link previews for links in this message.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (datetime, *optional*) – Date when the message will be automatically sent.
- **protect\_content** (bool, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

On success, the sent Message is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_animation()

### Message.reply\_animation()

Bound method `reply_animation` *Message*.

Use as a shortcut for:

```
await client.send_animation(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    animation=animation,
)
```

### Example

```
await message.reply_animation(animation)
```

#### Parameters

- **animation** (*str*) – Animation to send. Pass a `file_id` as string to send an animation that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an animation from the Internet, or pass a file path as string to upload a new animation that exists on your local machine.
- **quote** (*bool, optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **caption** (*str, optional*) – Animation caption, 0-1024 characters.
- **parse\_mode** (*ParseMode, optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **has\_spoiler** (*bool, optional*) – Pass `True` if the animation needs to be covered with a spoiler animation.
- **duration** (*int, optional*) – Duration of sent animation in seconds.
- **width** (*int, optional*) – Animation width.
- **height** (*int, optional*) – Animation height.
- **thumb** (*str, optional*) – Thumbnail of the animation file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **disable\_notification** (*bool, optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (*int, optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (*InlineKeyboardMarkup | ReplyKeyboardMarkup | ReplyKeyboardRemove | ForceReply, optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

On success, the sent *Message* is returned. In case the upload is deliberately stopped with *stop\_transmission()*, None is returned instead.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.reply\_audio()

#### Message.reply\_audio()

Bound method *reply\_audio* of *Message*.

Use as a shortcut for:

```
await client.send_audio(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    ↪ audio=audio
)
```

#### Example

```
await message.reply_audio(audio)
```

#### Parameters

- **audio** (str) – Audio file to send. Pass a *file\_id* as string to send an audio file that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an audio file from the Internet, or pass a file path as string to upload a new audio file that exists on your local machine.
- **quote** (bool, *optional*) – If **True**, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to **True** in group chats and **False** in private chats.
- **caption** (str, *optional*) – Audio caption, 0-1024 characters.



- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **duration** (*int*, *optional*) – Duration of the audio in seconds.
- **performer** (*str*, *optional*) – Performer.
- **title** (*str*, *optional*) – Track name.
- **thumb** (*str*, *optional*) – Thumbnail of the music file album cover. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **disable\_notification** (*bool*, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (*int*, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (*Callable*, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (*tuple*, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a *Message* object or a *Client* instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (*int*) – The amount of bytes transmitted so far.
- **total** (*int*) – The total size of the file.
- **\*args** (*tuple*, *optional*) – Extra custom arguments as defined in the *progress\_args* parameter. You can either keep *\*args* or add every single extra argument in your function signature.

#### Returns

On success, the sent *Message* is returned. In case the upload is deliberately stopped with *stop\_transmission()*, *None* is returned instead.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_cached\_media()

### Message.reply\_cached\_media()

Bound method `reply_cached_media` of `Message`.

Use as a shortcut for:

```
await client.send_cached_media(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id, file_
    ↪id=file_id
)
```

### Example

```
await message.reply_cached_media(file_id)
```

#### Parameters

- **file\_id** (`str`) – Media to send. Pass a `file_id` as string to send a media that exists on the Telegram servers.
- **quote** (`bool`, *optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **caption** (`bool`, *optional*) – Media caption, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **disable\_notification** (`bool`, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (`int`, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (`InlineKeyboardMarkup` | `ReplyKeyboardMarkup` | `ReplyKeyboardRemove` | `ForceReply`, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

On success, the sent `Message` is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_chat\_action()

### Message.reply\_chat\_action()

Bound method *reply\_chat\_action* of *Message*.

Use as a shortcut for:

```

from hydrogram import enums

await client.send_chat_action(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    action=enums.ChatAction.TYPING,
)

```

### Example

```

from hydrogram import enums

await message.reply_chat_action(enums.ChatAction.TYPING)

```

#### Parameters

**action** (*ChatAction*) – Type of action to broadcast.

#### Returns

bool – On success, True is returned.

#### Raises

- **RPCError** – In case of a Telegram RPC error.
- **ValueError** – In case the provided string is not a valid chat action.

## Message.reply\_contact()

### Message.reply\_contact()

Bound method *reply\_contact* of *Message*.

Use as a shortcut for:

```

await client.send_contact(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    phone_number=phone_number,
    first_name=first_name,
)

```

### Example

```
await message.reply_contact("+1-123-456-7890", "Name")
```

#### Parameters

- **phone\_number** (str) – Contact’s phone number.
- **first\_name** (str) – Contact’s first name.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **last\_name** (str, *optional*) – Contact’s last name.
- **vcard** (str, *optional*) – Additional data about the contact in the form of a vCard, 0-2048 bytes
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

On success, the sent *Message* is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.reply\_document()

#### Message.reply\_document()

Bound method *reply\_document* of *Message*.

Use as a shortcut for:

```
await client.send_document(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    document=document
)
```

## Example

```
await message.reply_document(document)
```

### Parameters

- **document** (`str`) – File to send. Pass a `file_id` as string to send a file that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a file from the Internet, or pass a file path as string to upload a new file that exists on your local machine.
- **quote** (`bool`, *optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **thumb** (`str`, *optional*) – Thumbnail of the file sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **caption** (`str`, *optional*) – Document caption, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **file\_name** (`str`, *optional*) – File name of the document sent. Defaults to file's path basename.
- **force\_document** (`bool`, *optional*) – Pass `True` to force sending files as document. Useful for video files that need to be sent as document messages instead of video messages. Defaults to `False`.
- **disable\_notification** (`bool`, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (`int`, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (`datetime`, *optional*) – Date when the message will be automatically sent.
- **reply\_markup** (`InlineKeyboardMarkup` | `ReplyKeyboardMarkup` | `ReplyKeyboardRemove` | `ForceReply`, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (`Callable`, *optional*) – Pass a callback function to view the file transmission progress. The function must take (`current`, `total`) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (`tuple`, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a `Message` object or a `Client` instance in order to edit the message with the updated progress status.

### Other Parameters

- **current** (`int`) – The amount of bytes transmitted so far.
- **total** (`int`) – The total size of the file.

- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

**Returns**

On success, the sent [Message](#) is returned. In case the upload is deliberately stopped with [stop\\_transmission\(\)](#), `None` is returned instead.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.reply\_game()****Message.reply\_game()**

Bound method `reply_game` of [Message](#).

Use as a shortcut for:

```
await client.send_game(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    game_short_name="lumberjack",
)
```

**Example**

```
await message.reply_game("lumberjack")
```

**Parameters**

- **game\_short\_name** (str) – Short name of the game, serves as the unique identifier for the game. Set up your games via Botfather.
- **quote** (bool, *optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** ([InlineKeyboardMarkup](#), *optional*) – An object for an inline keyboard. If empty, one 'Play game\_title' button will be shown automatically. If not empty, the first button must launch the game.

**Returns**

On success, the sent [Message](#) is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_inline\_bot\_result()

### Message.reply\_inline\_bot\_result()

Bound method *reply\_inline\_bot\_result* of *Message*.

Use as a shortcut for:

```
await client.send_inline_bot_result(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    query_id=query_id,
    result_id=result_id,
)
```

### Example

```
await message.reply_inline_bot_result(query_id, result_id)
```

#### Parameters

- **query\_id** (int) – Unique identifier for the answered query.
- **result\_id** (str) – Unique identifier for the result that was chosen.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.

#### Returns

On success, the sent Message is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_location()

### Message.reply\_location()

Bound method *reply\_location* of *Message*.

Use as a shortcut for:

```
await client.send_location(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    latitude=latitude,
    longitude=longitude,
)
```

### Example

```
await message.reply_location(latitude, longitude)
```

#### Parameters

- **latitude** (float) – Latitude of the location.
- **longitude** (float) – Longitude of the location.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

#### Returns

On success, the sent *Message* is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.reply\_media\_group()

#### Message.reply\_media\_group()

Bound method *reply\_media\_group* of *Message*.

Use as a shortcut for:

```
await client.send_media_group(  
    chat_id=message.chat.id,  
    message_thread_id=message.message_thread_id,  
    media=list_of_media,  
)
```

### Example

```
await message.reply_media_group(list_of_media)
```

#### Parameters

- **media** (list) – A list containing either *InputMediaPhoto* or *InputMediaVideo* objects describing photos and videos to be sent, must include 2–10 items.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.



- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.

**Returns**

On success, a `Messages` object is returned containing all the single messages sent.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.reply\_photo()****Message.reply\_photo()**

Bound method `reply_photo` of `Message`.

Use as a shortcut for:

```
await client.send_photo(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    photo=photo
)
```

**Example**

```
await message.reply_photo(photo)
```

**Parameters**

- **photo** (str) – Photo to send. Pass a `file_id` as string to send a photo that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a photo from the Internet, or pass a file path as string to upload a new photo that exists on your local machine.
- **quote** (bool, *optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **caption** (str, *optional*) – Photo caption, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **has\_spoiler** (bool, *optional*) – Pass `True` if the photo needs to be covered with a spoiler animation.
- **ttl\_seconds** (int, *optional*) – Self-Destruct Timer. If you set a timer, the photo will self-destruct in `ttl_seconds` seconds after it was viewed.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.

- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

On success, the sent *Message* is returned. In case the upload is deliberately stopped with *stop\_transmission()*, None is returned instead.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.reply\_poll()

#### Message.reply\_poll()

Bound method *reply\_poll* of *Message*.

Use as a shortcut for:

```
await client.send_poll(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    question="This is a poll",
    options=["A", "B", "C"]
)
```

#### Example

```
await message.reply_poll("This is a poll", ["A", "B", "C"])
```

#### Parameters

- **question** (str) – Poll question, 1-255 characters.
- **options** (List of str) – List of answer options, 2-10 strings 1-100 characters each.
- **is\_anonymous** (bool, *optional*) – True, if the poll needs to be anonymous. Defaults to True.

- **type** (`- obj`~hydrogram.enums.PollType``, *optional*): Poll type, [QUIZ](#) or [REGULAR](#). Defaults to [REGULAR](#).
- **allows\_multiple\_answers** (`bool`, *optional*) – True, if the poll allows multiple answers, ignored for polls in quiz mode. Defaults to False.
- **correct\_option\_id** (`int`, *optional*) – 0-based identifier of the correct answer option, required for polls in quiz mode.
- **explanation** (`str`, *optional*) – Text that is shown when a user chooses an incorrect answer or taps on the lamp icon in a quiz-style poll, 0-200 characters with at most 2 line feeds after entities parsing.
- **explanation\_parse\_mode** ([ParseMode](#), *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **explanation\_entities** (List of [MessageEntity](#)) – List of special entities that appear in the poll explanation, which can be specified instead of *parse\_mode*.
- **open\_period** (`int`, *optional*) – Amount of time in seconds the poll will be active after creation, 5-600. Can't be used together with *close\_date*.
- **close\_date** (`datetime`, *optional*) – Point in time when the poll will be automatically closed. Must be at least 5 and no more than 600 seconds in the future. Can't be used together with *open\_period*.
- **is\_closed** (`bool`, *optional*) – Pass True, if the poll needs to be immediately closed. This can be useful for poll preview.
- **quote** (`bool`, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **disable\_notification** (`bool`, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **protect\_content** (`bool`, *optional*) – Protects the contents of the sent message from forwarding and saving.
- **reply\_to\_message\_id** (`int`, *optional*) – If the message is a reply, ID of the original message.
- **schedule\_date** (`datetime`, *optional*) – Date when the message will be automatically sent.
- **reply\_markup** ([InlineKeyboardMarkup](#) | [ReplyKeyboardMarkup](#) | [ReplyKeyboardRemove](#) | [ForceReply](#), *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

On success, the sent [Message](#) is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

## Message.reply\_sticker()

### Message.reply\_sticker()

Bound method `reply_sticker` of `Message`.

Use as a shortcut for:

```
await client.send_sticker(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    sticker=sticker
)
```

### Example

```
await message.reply_sticker(sticker)
```

#### Parameters

- **sticker** (str) – Sticker to send. Pass a `file_id` as string to send a sticker that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a .webp sticker file from the Internet, or pass a file path as string to upload a new sticker that exists on your local machine.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (`InlineKeyboardMarkup` | `ReplyKeyboardMarkup` | `ReplyKeyboardRemove` | `ForceReply`, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

**Returns**

On success, the sent *Message* is returned. In case the upload is deliberately stopped with *stop\_transmission()*, None is returned instead.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.reply\_venue()****Message.reply\_venue()**

Bound method *reply\_venue* of *Message*.

Use as a shortcut for:

```
await client.send_venue(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    latitude=latitude,
    longitude=longitude,
    title="Venue title",
    address="Venue address",
)
```

**Example**

```
await message.reply_venue(latitude, longitude, "Venue title", "Venue address")
```

**Parameters**

- **latitude** (float) – Latitude of the venue.
- **longitude** (float) – Longitude of the venue.
- **title** (str) – Name of the venue.
- **address** (str) – Address of the venue.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **foursquare\_id** (str, *optional*) – Foursquare identifier of the venue.
- **foursquare\_type** (str, *optional*) – Foursquare type of the venue, if known. (For example, “arts\_entertainment/default”, “arts\_entertainment/aquarium” or “food/icecream”.)
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.

**Returns**

On success, the sent *Message* is returned.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.reply\_video()****Message.reply\_video()**

Bound method *reply\_video* of *Message*.

Use as a shortcut for:

```
await client.send_video(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    video=video
)
```

**Example**

```
await message.reply_video(video)
```

**Parameters**

- **video** (*str*) – Video to send. Pass a *file\_id* as string to send a video that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get a video from the Internet, or pass a file path as string to upload a new video that exists on your local machine.
- **quote** (*bool*, *optional*) – If *True*, the message will be sent as a reply to this message. If *reply\_to\_message\_id* is passed, this parameter will be ignored. Defaults to *True* in group chats and *False* in private chats.
- **caption** (*str*, *optional*) – Video caption, 0-1024 characters.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of *MessageEntity*) – List of special entities that appear in the caption, which can be specified instead of *parse\_mode*.
- **has\_spoiler** (*bool*, *optional*) – Pass *True* if the video needs to be covered with a spoiler animation.
- **ttl\_seconds** (*int*, *optional*) – Self-Destruct Timer. If you set a timer, the video will self-destruct in *ttl\_seconds* seconds after it was viewed.
- **duration** (*int*, *optional*) – Duration of sent video in seconds.
- **width** (*int*, *optional*) – Video width.
- **height** (*int*, *optional*) – Video height.
- **thumb** (*str*, *optional*) – Thumbnail of the video sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **supports\_streaming** (*bool*, *optional*) – Pass *True*, if the uploaded video is suitable for streaming.

- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message.
- **reply\_markup** (*InlineKeyboardMarkup* | *ReplyKeyboardMarkup* | *ReplyKeyboardRemove* | *ForceReply*, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the **progress\_args** parameter. You can either keep **\*args** or add every single extra argument in your function signature.

#### Returns

On success, the sent *Message* is returned. In case the upload is deliberately stopped with *stop\_transmission()*, None is returned instead.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Message.reply\_video\_note()

#### Message.reply\_video\_note()

Bound method *reply\_video\_note* of *Message*.

Use as a shortcut for:

```
await client.send_video_note(
    chat_id=message.chat.id,
    message_thread_id=message.message_thread_id,
    video_note=video_note,
)
```

### Example

```
await message.reply_video_note(video_note)
```

#### Parameters

- **video\_note** (str) – Video note to send. Pass a `file_id` as string to send a video note that exists on the Telegram servers, or pass a file path as string to upload a new video note that exists on your local machine. Sending video notes by a URL is currently unsupported.
- **quote** (bool, *optional*) – If True, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to True in group chats and False in private chats.
- **duration** (int, *optional*) – Duration of sent video in seconds.
- **length** (int, *optional*) – Video width and height.
- **thumb** (str, *optional*) – Thumbnail of the video sent. The thumbnail should be in JPEG format and less than 200 KB in size. A thumbnail's width and height should not exceed 320 pixels. Thumbnails can't be reused and can be only uploaded as a new file.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message
- **reply\_markup** ([InlineKeyboardMarkup](#) | [ReplyKeyboardMarkup](#) | [ReplyKeyboardRemove](#) | [ForceReply](#), *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (*current*, *total*) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a Message object or a Client instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.
- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

#### Returns

On success, the sent [Message](#) is returned. In case the upload is deliberately stopped with [stop\\_transmission\(\)](#), None is returned instead.

#### Raises

**RPCError** – In case of a Telegram RPC error.



## Message.reply\_voice()

### Message.reply\_voice()

Bound method `reply_voice` of `Message`.

Use as a shortcut for:

```
await client.send_voice(
    chat_id=message.chat.id, message_thread_id=message.message_thread_id,
    voice=voice
)
```

### Example

```
await message.reply_voice(voice)
```

#### Parameters

- **voice** (str) – Audio file to send. Pass a `file_id` as string to send an audio that exists on the Telegram servers, pass an HTTP URL as a string for Telegram to get an audio from the Internet, or pass a file path as string to upload a new audio that exists on your local machine.
- **quote** (bool, *optional*) – If `True`, the message will be sent as a reply to this message. If `reply_to_message_id` is passed, this parameter will be ignored. Defaults to `True` in group chats and `False` in private chats.
- **caption** (str, *optional*) – Voice message caption, 0-1024 characters.
- **parse\_mode** (`ParseMode`, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **caption\_entities** (List of `MessageEntity`) – List of special entities that appear in the caption, which can be specified instead of `parse_mode`.
- **duration** (int, *optional*) – Duration of the voice message in seconds.
- **disable\_notification** (bool, *optional*) – Sends the message silently. Users will receive a notification with no sound.
- **reply\_to\_message\_id** (int, *optional*) – If the message is a reply, ID of the original message
- **reply\_markup** (`InlineKeyboardMarkup` | `ReplyKeyboardMarkup` | `ReplyKeyboardRemove` | `ForceReply`, *optional*) – Additional interface options. An object for an inline keyboard, custom reply keyboard, instructions to remove reply keyboard or to force a reply from the user.
- **progress** (Callable, *optional*) – Pass a callback function to view the file transmission progress. The function must take (`current`, `total`) as positional arguments (look at Other Parameters below for a detailed description) and will be called back each time a new file chunk has been successfully transmitted.
- **progress\_args** (tuple, *optional*) – Extra custom arguments for the progress callback function. You can pass anything you need to be available in the progress callback scope; for example, a `Message` object or a `Client` instance in order to edit the message with the updated progress status.

#### Other Parameters

- **current** (int) – The amount of bytes transmitted so far.

- **total** (int) – The total size of the file.
- **\*args** (tuple, *optional*) – Extra custom arguments as defined in the `progress_args` parameter. You can either keep `*args` or add every single extra argument in your function signature.

**Returns**

On success, the sent `Message` is returned. In case the upload is deliberately stopped with `stop_transmission()`, `None` is returned instead.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**Message.get\_media\_group()**

`Message.get_media_group()`

Bound method `get_media_group` of `Message`.

Use as a shortcut for:

```
await client.get_media_group(chat_id=message.chat.id, message_id=message.id)
```

**Example**

```
await message.get_media_group()
```

**Returns**

List of `Message` – On success, a list of messages of the media group is returned.

**Raises**

**ValueError** – In case the passed message id doesn't belong to a media group.

**Message.react()**

`Message.react()`

Bound method `react` of `Message`.

Use as a shortcut for:

```
await client.send_reaction(chat_id=chat_id, message_id=message.id, emoji="")
```

**Example**

```
await message.react(emoji="")
```

**Parameters**

- **emoji** (str, *optional*) – Reaction emoji. Pass "" as emoji (default) to retract the reaction.
- **big** (bool, *optional*) – Pass True to show a bigger and longer reaction. Defaults to False.

**Returns**

bool – On success, True is returned.

**Raises****RPCError** – In case of a Telegram RPC error.**Chat**

- |                                  |                                  |                              |  |
|----------------------------------|----------------------------------|------------------------------|--|
| • <code>archive()</code>         | • <code>ban_member()</code>      | • <code>get_members()</code> | • <code>set_protected_content()</code> |
| • <code>unarchive()</code>       | • <code>unban_member()</code>    | • <code>add_members()</code> | • <code>unpin_all_messages()</code>    |
| • <code>set_title()</code>       | • <code>restrict_member()</code> | • <code>join()</code>        | • <code>ask()</code>                   |
| • <code>set_description()</code> | • <code>promote_member()</code>  | • <code>leave()</code>       | • <code>listen()</code>                |
| • <code>set_photo()</code>       | • <code>get_member()</code>      | • <code>mark_unread()</code> | • <code>stop_listening()</code>        |

**Chat.archive()****Chat.archive()**Bound method *archive* of *Chat*.

Use as a shortcut for:

```
await client.archive_chats(chat_id=chat_id)
```

**Example**

```
await chat.archive()
```

**Returns**

True on success.

**Raises****RPCError** – In case of a Telegram RPC error.**Chat.unarchive()****Chat.unarchive()**Bound method *unarchive* of *Chat*.

Use as a shortcut for:

```
await client.unarchive_chats(chat_id=chat_id)
```

**Example**

```
await chat.unarchive()
```

**Returns**

True on success.

**Raises****RPCError** – In case of a Telegram RPC error.

## Chat.set\_title()

Chat.set\_title()

Bound method *set\_title* of *Chat*.

Use as a shortcut for:

```
await client.set_chat_title(chat_id=chat_id, title=title)
```

### Example

```
await chat.set_title("Lounge")
```

---

**Note:** In regular groups (non-supergroups), this method will only work if the “All Members Are Admins” setting is off.

---

#### Parameters

**title** (str) – New chat title, 1-255 characters.

#### Returns

bool – True on success.

#### Raises

- **RPCError** – In case of Telegram RPC error.
- **ValueError** – In case a chat\_id belongs to user.

## Chat.set\_description()

Chat.set\_description()

Bound method *set\_description* of *Chat*.

Use as a shortcut for:

```
await client.set_chat_description(chat_id=chat_id, description=description)
```

### Example

```
await chat.set_chat_description("Don't spam!")
```

#### Parameters

**description** (str) – New chat description, 0-255 characters.

#### Returns

bool – True on success.

#### Raises

- **RPCError** – In case of Telegram RPC error.
- **ValueError** – If a chat\_id doesn't belong to a supergroup or a channel.

## Chat.set\_photo()

### Chat.set\_photo()

Bound method *set\_photo* of *Chat*.

Use as a shortcut for:

```
await client.set_chat_photo(chat_id=chat_id, photo=photo)
```

### Example

```
# Set chat photo using a local file
await chat.set_photo(photo="photo.jpg")

# Set chat photo using an existing Photo file_id
await chat.set_photo(photo=photo.file_id)

# Set chat video using a local file
await chat.set_photo(video="video.mp4")

# Set chat photo using an existing Video file_id
await chat.set_photo(video=video.file_id)
```

### Parameters

- **photo** (*str* | *BinaryIO*, *optional*) – New chat photo. You can pass a *Photo* file\_id, a file path to upload a new photo from your local machine or a binary file-like object with its attribute “.name” set for in-memory uploads.
- **video** (*str* | *BinaryIO*, *optional*) – New chat video. You can pass a *Video* file\_id, a file path to upload a new video from your local machine or a binary file-like object with its attribute “.name” set for in-memory uploads.
- **video\_start\_ts** (*float*, *optional*) – The timestamp in seconds of the video frame to use as photo profile preview.

### Returns

bool – True on success.

### Raises

- **RPCError** – In case of a Telegram RPC error.
- **ValueError** – if a chat\_id belongs to user.

## Chat.ban\_member()

Chat.ban\_member()

Bound method *ban\_member* of *Chat*.

Use as a shortcut for:

```
await client.ban_chat_member(chat_id=chat_id, user_id=user_id)
```

## Example

```
await chat.ban_member(123456789)
```

---

**Note:** In regular groups (non-supergroups), this method will only work if the “All Members Are Admins” setting is off in the target group. Otherwise members may only be removed by the group’s creator or by the member that added them.

---

### Parameters

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **until\_date** (datetime, optional) – Date when the user will be unbanned. If user is banned for more than 366 days or less than 30 seconds from the current time they are considered to be banned forever. Defaults to epoch (ban forever).

### Returns

*Message* | bool – On success, a service message will be returned (when applicable), otherwise, in case a message object couldn’t be returned, True is returned.

### Raises

**RPCError** – In case of a Telegram RPC error.

## Chat.unban\_member()

Chat.unban\_member()

Bound method *unban\_member* of *Chat*.

Use as a shortcut for:

```
await client.unban_chat_member(chat_id=chat_id, user_id=user_id)
```

### Example

```
await chat.unban_member(123456789)
```

#### Parameters

**user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).

#### Returns

bool – True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

### Chat.restrict\_member()

Chat.**restrict\_member**()

Bound method *unban\_member* of *Chat*.

Use as a shortcut for:

```
await client.restrict_chat_member(
    chat_id=chat_id, user_id=user_id, permissions=ChatPermissions()
)
```

### Example

```
await chat.restrict_member(user_id, ChatPermissions())
```

#### Parameters

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **permissions** (*ChatPermissions*) – New user permissions.
- **until\_date** (*datetime*, *optional*) – Date when the user will be unbanned. If user is banned for more than 366 days or less than 30 seconds from the current time they are considered to be banned forever. Defaults to epoch (ban forever).

#### Returns

*Chat* – On success, a chat object is returned.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Chat.promote\_member()

Chat.**promote\_member**()

Bound method *promote\_member* of *Chat*.

Use as a shortcut for:

```
await client.promote_chat_member(chat_id=chat_id, user_id=user_id)
```

### Example

```
await chat.promote_member(123456789)
```

#### Parameters

- **user\_id** (int | str) – Unique identifier (int) or username (str) of the target user. For a contact that exists in your Telegram address book you can use his phone number (str).
- **privileges** (*ChatPrivileges*, optional) – New user privileges.

#### Returns

bool – True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## Chat.get\_member()

Chat.**get\_member**()

Bound method *get\_member* of *Chat*.

Use as a shortcut for:

```
await client.get_chat_member(chat_id=chat_id, user_id=user_id)
```

### Example

```
await chat.get_member(user_id)
```

#### Returns

*ChatMember* – On success, a chat member is returned.



## Chat.get\_members()

Chat.get\_members()

Bound method *get\_members* of *Chat*.

Use as a shortcut for:

```

async for member in client.get_chat_members(chat_id):
    print(member)

```

### Example

```

async for member in chat.get_members():
    print(member)

```

#### Parameters

- **query** (str, *optional*) – Query string to filter members based on their display names and usernames. Only applicable to supergroups and channels. Defaults to "" (empty string). A query string is applicable only for [SEARCH](#), [BANNED](#) and [RESTRICTED](#) filters only.
- **limit** (int, *optional*) – Limits the number of members to be retrieved.
- **filter** ([ChatMembersFilter](#), *optional*) – Filter used to select the kind of members you want to retrieve. Only applicable for supergroups and channels.

#### Returns

Generator – On success, a generator yielding [ChatMember](#) objects is returned.

## Chat.add\_members()

Chat.add\_members()

Bound method *add\_members* of *Chat*.

Use as a shortcut for:

```

await client.add_chat_members(chat_id, user_id)

```

### Example

```

await chat.add_members(user_id)

```

#### Returns

bool – On success, True is returned.

## Chat.join()

### Chat.join()

Bound method *join* of *Chat*.

Use as a shortcut for:

```
await client.join_chat(123456789)
```

### Example

```
await chat.join()
```

---

**Note:** This only works for public groups, channels that have set a username or linked chats.

---

### Returns

*Chat* – On success, a chat object is returned.

### Raises

**RPCError** – In case of a Telegram RPC error.

## Chat.leave()

### Chat.leave()

Bound method *leave* of *Chat*.

Use as a shortcut for:

```
await client.leave_chat(123456789)
```

### Example

```
await chat.leave()
```

### Raises

**RPCError** – In case of a Telegram RPC error.

## Chat.mark\_unread()

### Chat.mark\_unread()

Bound method *mark\_unread* of *Chat*.

Use as a shortcut for:

```
await client.mark_unread(chat_id)
```

### Example

```
await chat.mark_unread()
```

#### Returns

bool – On success, True is returned.

### Chat.set\_protected\_content()

Chat.**set\_protected\_content**()

Bound method *set\_protected\_content* of [Chat](#).

Use as a shortcut for:

```
await client.set_chat_protected_content(chat_id, enabled)
```

#### Parameters

**enabled** (bool) – Pass True to enable the protected content setting, False to disable.

### Example

```
await chat.set_protected_content(enabled)
```

#### Returns

bool – On success, True is returned.

### Chat.unpin\_all\_messages()

Chat.**unpin\_all\_messages**()

Bound method *unpin\_all\_messages* of [Chat](#).

Use as a shortcut for:

```
client.unpin_all_chat_messages(chat_id)
```

### Example

```
chat.unpin_all_messages()
```

#### Returns

bool – On success, True is returned.

## Chat.ask()

### Chat.ask()

Bound method *ask* of *Chat*.

Use as a shortcut for:

```
await client.ask(chat_id=chat_id, text=text)
```

## Example

```
await chat.ask("What's your name?")
```

### Parameters

- **text** (str) – The text to send.
- **filters** (Optional[filters.Filter]) – Same as `hydrogram.Client.listen()`.
- **listener\_type** (ListenerTypes) – Same as `hydrogram.Client.listen()`.
- **timeout** (Optional[int]) – Same as `hydrogram.Client.listen()`.
- **unallowed\_click\_alert** (bool) – Same as `hydrogram.Client.listen()`.
- **user\_id** (Optional[Union[int, str], List[Union[int, str]]]) – The user ID(s) to listen for. Defaults to None.
- **message\_id** (Optional[Union[int, List[int]]]) – The message ID(s) to listen for. Defaults to None.
- **inline\_message\_id** (Optional[Union[str, List[str]]]) – The inline message ID(s) to listen for. Defaults to None.
- **args** (Any) – Additional arguments to pass to `hydrogram.Client.send_message()`.
- **kwargs** (Any) – Additional keyword arguments to pass to `hydrogram.Client.send_message()`.

### Returns

Union[*Message*, *CallbackQuery*] – The Message or CallbackQuery

## Chat.listen()

### Chat.listen()

Bound method *listen* of *Chat*.

Use as a shortcut for:

```
await client.listen(chat_id=chat_id)
```

### Example

```
await chat.listen()
```

#### Parameters

- **filters** (Optional[filters.Filter]) – A filter to check if the listener should be fulfilled.
- **listener\_type** (ListenerTypes) – The type of listener to create. Defaults to `hydrogram.types.ListenerTypes.MESSAGE`.
- **timeout** (Optional[int]) – The maximum amount of time to wait for the listener to be fulfilled. Defaults to `None`.
- **unallowed\_click\_alert** (bool) – Whether to alert the user if they click on a button that is not intended for them. Defaults to `True`.
- **user\_id** (Optional[Union[int, str], List[Union[int, str]]]) – The user ID(s) to listen for. Defaults to `None`.
- **message\_id** (Optional[Union[int, List[int]]]) – The message ID(s) to listen for. Defaults to `None`.
- **inline\_message\_id** (Optional[Union[str, List[str]]]) – The inline message ID(s) to listen for. Defaults to `None`.

#### Returns

Union[[Message](#), [CallbackQuery](#)] – The Message or CallbackQuery

### Chat.stop\_listening()

#### Chat.stop\_listening()

Bound method `stop_listening` of [Chat](#).

Use as a shortcut for:

```
await client.stop_listening(chat_id=chat_id)
```

### Example

```
await chat.stop_listening()
```

#### Parameters

- **listener\_type** (ListenerTypes) – The type of listener to stop listening for. Defaults to `hydrogram.types.ListenerTypes.MESSAGE`.
- **user\_id** (Optional[Union[int, str], List[Union[int, str]]]) – The user ID(s) to stop listening for. Defaults to `None`.
- **message\_id** (Optional[Union[int, List[int]]]) – The message ID(s) to stop listening for. Defaults to `None`.
- **inline\_message\_id** (Optional[Union[str, List[str]]]) – The inline message ID(s) to stop listening for. Defaults to `None`.

**Returns**

bool – The return value of `hydrogram.Client.stop_listening()`.

**User**

- `archive()`
- `unarchive()`
- `block()`
- `unblock()`
- `ask()`
- `listen()`
- `stop_listening()`

**User.archive()**

`User.archive()`

Bound method *archive* of *User*.

Use as a shortcut for:

```
await client.archive_chats(123456789)
```

**Example**

```
await user.archive()
```

**Returns**

True on success.

**Raises**

**RPCError** – In case of a Telegram RPC error.

**User.unarchive()**

`User.unarchive()`

Bound method *unarchive* of *User*.

Use as a shortcut for:

```
await client.unarchive_chats(123456789)
```

**Example**

```
await user.unarchive()
```

**Returns**

True on success.

**Raises**

**RPCError** – In case of a Telegram RPC error.

## User.block()

### User.block()

Bound method *block* of *User*.

Use as a shortcut for:

```
await client.block_user(123456789)
```

### Example

```
await user.block()
```

#### Returns

True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## User.unblock()

### User.unblock()

Bound method *unblock* of *User*.

Use as a shortcut for:

```
client.unblock_user(123456789)
```

### Example

```
user.unblock()
```

#### Returns

True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## User.ask()

### User.ask()

Bound method *ask* of *User*.

Use as a shortcut for:

```
client.ask(user_id=user.id)
```

### Example

```
user.ask("Hello!")
```

#### Parameters

- **text** (str) – Same as `hydrogram.Client.ask()`.
- **filters** (Optional[hydrogram.Filter]) – Same as `hydrogram.Client.ask()`.
- **listener\_type** (ListenerTypes) – Same as `hydrogram.Client.ask()`.
- **timeout** (Optional[int]) – Same as `hydrogram.Client.ask()`.
- **unallowed\_click\_alert** (bool) – Same as `hydrogram.Client.ask()`.
- **message\_id** (Union[int, List[int]]) – Same as `hydrogram.Client.ask()`.
- **inline\_message\_id** (Union[str, List[str]]) – Same as `hydrogram.Client.ask()`.
- **args** (Any) – Same as `hydrogram.Client.ask()`.
- **kwargs** (Any) – Same as `hydrogram.Client.ask()`.

#### Returns

Union[Message, CallbackQuery] – The Message or CallbackQuery that fulfilled the listener.

### User.listen()

#### User.listen()

Bound method *listen* of *User*.

Use as a shortcut for:

```
client.listen(user_id=user.id)
```

### Example

```
user.listen()
```

#### Parameters

- **filters** (Optional[hydrogram.Filter]) – Same as `hydrogram.Client.listen()`.
- **listener\_type** (ListenerTypes) – Same as `hydrogram.Client.listen()`.
- **timeout** (Optional[int]) – Same as `hydrogram.Client.listen()`.
- **unallowed\_click\_alert** (bool) – Same as `hydrogram.Client.listen()`.
- **chat\_id** (Union[int, str], List[Union[int, str]]) – Same as `hydrogram.Client.listen()`.
- **message\_id** (Union[int, List[int]]) – Same as `hydrogram.Client.listen()`.
- **inline\_message\_id** (Union[str, List[str]]) – Same as `hydrogram.Client.listen()`.

#### Returns

Union[Message, CallbackQuery] – The Message or CallbackQuery that fulfilled the listener.



## User.stop\_listening()

### User.stop\_listening()

Stops listening for messages from the user. Calls `Client.stop_listening()` with the `user_id` set to the user's id.

#### Parameters

- **listener\_type** (`ListenerTypes`) – Same as `hydrogram.Client.stop_listening()`.
- **chat\_id** (`Union[int, str], List[Union[int, str]]`) – Same as `hydrogram.Client.stop_listening()`.
- **message\_id** (`Union[int, List[int]]`) – Same as `hydrogram.Client.stop_listening()`.
- **inline\_message\_id** (`Union[str, List[str]]`) – Same as `hydrogram.Client.stop_listening()`.

#### Returns

None

## CallbackQuery

- `answer()`
- `edit_message_text()`
- `edit_message_caption()`
- `edit_message_media()`
- `edit_message_reply_markup()`

## CallbackQuery.answer()

### CallbackQuery.answer()

Bound method `answer` of `CallbackQuery`.

Use this method as a shortcut for:

```
await client.answer_callback_query(callback_query.id, text="Hello", show_alert=True)
```

## Example

```
await callback_query.answer("Hello", show_alert=True)
```

#### Parameters

- **text** (`str, optional`) – Text of the notification. If not specified, nothing will be shown to the user, 0-200 characters.
- **show\_alert** (`bool optional`) – If true, an alert will be shown by the client instead of a notification at the top of the chat screen. Defaults to False.
- **url** (`str optional`) – URL that will be opened by the user's client. If you have created a Game and accepted the conditions via @Botfather, specify the URL that opens your game – note that this will only work if the query comes from a `callback_game` button. Otherwise, you may use links like `t.me/your_bot?start=XXXX` that open your bot with a parameter.
- **cache\_time** (`int optional`) – The maximum amount of time in seconds that the result of the callback query may be cached client-side. Telegram apps will support caching starting in version 3.14. Defaults to 0.

### CallbackQuery.edit\_message\_text()

CallbackQuery.**edit\_message\_text**()

Edit the text of messages attached to callback queries.

Bound method *edit\_message\_text* of *CallbackQuery*.

#### Parameters

- **text** (str) – New text of the message.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **disable\_web\_page\_preview** (bool, *optional*) – Disables link previews for links in this message.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An InlineKeyboardMarkup object.

#### Returns

*Message* | bool – On success, if the edited message was sent by the bot, the edited message is returned, otherwise True is returned (message sent via the bot, as inline query result).

#### Raises

**RPCError** – In case of a Telegram RPC error.

### CallbackQuery.edit\_message\_caption()

CallbackQuery.**edit\_message\_caption**()

Edit the caption of media messages attached to callback queries.

Bound method *edit\_message\_caption* of *CallbackQuery*.

#### Parameters

- **caption** (str) – New caption of the message.
- **parse\_mode** (*ParseMode*, *optional*) – By default, texts are parsed using both Markdown and HTML styles. You can combine both syntaxes together.
- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An InlineKeyboardMarkup object.

#### Returns

*Message* | bool – On success, if the edited message was sent by the bot, the edited message is returned, otherwise True is returned (message sent via the bot, as inline query result).

#### Raises

**RPCError** – In case of a Telegram RPC error.

### CallbackQuery.edit\_message\_media()

CallbackQuery.**edit\_message\_media**()

Edit animation, audio, document, photo or video messages attached to callback queries.

Bound method *edit\_message\_media* of *CallbackQuery*.

#### Parameters

- **media** (*InputMedia*) – One of the InputMedia objects describing an animation, audio, document, photo or video.

- **reply\_markup** (*InlineKeyboardMarkup*, *optional*) – An *InlineKeyboardMarkup* object.

**Returns**

*Message* | bool – On success, if the edited message was sent by the bot, the edited message is returned, otherwise True is returned (message sent via the bot, as inline query result).

**Raises**

**RPCError** – In case of a Telegram RPC error.

**CallbackQuery.edit\_message\_reply\_markup()**

CallbackQuery.**edit\_message\_reply\_markup()**

Edit only the reply markup of messages attached to callback queries.

Bound method *edit\_message\_reply\_markup* of *CallbackQuery*.

**Parameters**

**reply\_markup** (*InlineKeyboardMarkup*) – An *InlineKeyboardMarkup* object.

**Returns**

*Message* | bool – On success, if the edited message was sent by the bot, the edited message is returned, otherwise True is returned (message sent via the bot, as inline query result).

**Raises**

**RPCError** – In case of a Telegram RPC error.

**InlineQuery**

- *answer()*

**InlineQuery.answer()**

InlineQuery.**answer()**

Bound method *answer* of *InlineQuery*.

Use this method as a shortcut for:

```
await client.answer_inline_query(inline_query.id, results=[...])
```

**Example**

```
await inline_query.answer([...])
```

**Parameters**

- **results** (List of *InlineQueryResult*) – A list of results for the inline query.
- **cache\_time** (int, *optional*) – The maximum amount of time in seconds that the result of the inline query may be cached on the server. Defaults to 300.
- **is\_gallery** (bool, *optional*) – Pass True, if results should be displayed in gallery mode instead of list mode. Defaults to False.

- **is\_personal** (*bool, optional*) – Pass True, if results may be cached on the server side only for the user that sent the query. By default (False), results may be returned to any user who sends the same query.
- **next\_offset** (*str, optional*) – Pass the offset that a client should send in the next query with the same text to receive more results. Pass an empty string if there are no more results or if you don't support pagination. Offset length can't exceed 64 bytes.
- **switch\_pm\_text** (*str, optional*) – If passed, clients will display a button with specified text that switches the user to a private chat with the bot and sends the bot a start message with the parameter `switch_pm_parameter`
- **switch\_pm\_parameter** (*str, optional*) – [Deep-linking](#) parameter for the /start message sent to the bot when user presses the switch button. 1-64 characters, only A-Z, a-z, 0-9, \_ and - are allowed.

Example: An inline bot that sends YouTube videos can ask the user to connect the bot to their YouTube account to adapt search results accordingly. To do this, it displays a “Connect your YouTube account” button above the results, or even before showing any. The user presses the button, switches to a private chat with the bot and, in doing so, passes a start parameter that instructs the bot to return an oauth link. Once done, the bot can offer a `switch_inline` button so that the user can easily return to the chat where they wanted to use the bot's inline capabilities.

## ChatJoinRequest

- [`approve\(\)`](#)
- [`decline\(\)`](#)

### ChatJoinRequest.approve()

`ChatJoinRequest.approve()`

Bound method `approve` of [`ChatJoinRequest`](#).

Use as a shortcut for:

```
await client.approve_chat_join_request(
    chat_id=request.chat.id, user_id=request.from_user.id
)
```

### Example

```
await request.approve()
```

#### Returns

`bool` – True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## ChatJoinRequest.decline()

`ChatJoinRequest.decline()`

Bound method *decline* of *ChatJoinRequest*.

Use as a shortcut for:

```
await client.decline_chat_join_request(
    chat_id=request.chat.id, user_id=request.from_user.id
)
```

### Example

```
await request.decline()
```

#### Returns

`bool` – True on success.

#### Raises

**RPCError** – In case of a Telegram RPC error.

## 2.3.14 Enumerations

This page is about Hydrogram enumerations. Enumerations are types that hold a group of related values to be used whenever a constant value is required. They will help you deal with those values in a type-safe way and also enable code completion so that you can be sure to apply only a valid value among the expected ones.

|                           |   |
|---------------------------|---|
| <i>ChatAction</i>         | Chat action enumeration used in <i>ChatEvent</i> .                                      |
| <i>ChatEventAction</i>    | Chat event action enumeration used in <i>get_chat_event_log()</i> .                     |
| <i>ChatMemberStatus</i>   | Chat member status enumeration used in <i>ChatMember</i> .                              |
| <i>ChatMembersFilter</i>  | Chat members filter enumeration used in <i>get_chat_members()</i>                       |
| <i>ChatType</i>           | Chat type enumeration used in <i>Chat</i> .   |
| <i>MessageEntityType</i>  | Message entity type enumeration used in <i>MessageEntity</i> .                          |
| <i>MessageMediaType</i>   | Message media type enumeration used in <i>Message</i> .                                 |
| <i>MessageServiceType</i> | Message service type enumeration used in <i>Message</i> .                               |
| <i>MessagesFilter</i>     | Messages filter enumeration used in <i>search_messages()</i> and <i>search_global()</i> |
| <i>ParseMode</i>          | Parse mode enumeration used in various places to set a specific parse mode              |
| <i>PollType</i>           | Poll type enumeration used in <i>Poll</i> .   |
| <i>SentCodeType</i>       | Sent code type enumeration used in <i>SentCode</i> .                                    |
| <i>NextCodeType</i>       | Next code type enumeration used in <i>SentCode</i> .                                    |
| <i>UserStatus</i>         | User status enumeration used in <i>User</i> .   |

## ChatAction

**class** hydrogram.enums.ChatAction

Chat action enumeration used in [ChatEvent](#).

**TYPING** = <class

'hydrogram.raw.types.send\_message\_typing\_action.SendMessageTypingAction'>

Typing text message

**UPLOAD\_PHOTO** = <class

'hydrogram.raw.types.send\_message\_upload\_photo\_action.SendMessageUploadPhotoAction'>

Uploading photo

**RECORD\_VIDEO** = <class

'hydrogram.raw.types.send\_message\_record\_video\_action.SendMessageRecordVideoAction'>

Recording video

**UPLOAD\_VIDEO** = <class

'hydrogram.raw.types.send\_message\_upload\_video\_action.SendMessageUploadVideoAction'>

Uploading video

**RECORD\_AUDIO** = <class

'hydrogram.raw.types.send\_message\_record\_audio\_action.SendMessageRecordAudioAction'>

Recording audio

**UPLOAD\_AUDIO** = <class

'hydrogram.raw.types.send\_message\_upload\_audio\_action.SendMessageUploadAudioAction'>

Uploading audio

**UPLOAD\_DOCUMENT** = <class 'hydrogram.raw.types.send\_message\_upload\_document\_action.  
SendMessageUploadDocumentAction'>

Uploading document

**FIND\_LOCATION** = <class

'hydrogram.raw.types.send\_message\_geo\_location\_action.SendMessageGeoLocationAction'>

Finding location

**RECORD\_VIDEO\_NOTE** = <class

'hydrogram.raw.types.send\_message\_record\_round\_action.SendMessageRecordRoundAction'>

Recording video note

**UPLOAD\_VIDEO\_NOTE** = <class

'hydrogram.raw.types.send\_message\_upload\_round\_action.SendMessageUploadRoundAction'>

Uploading video note

**PLAYING** = <class

'hydrogram.raw.types.send\_message\_game\_play\_action.SendMessageGamePlayAction'>

Playing game

**CHOOSE\_CONTACT** = <class 'hydrogram.raw.types.send\_message\_choose\_contact\_action.  
SendMessageChooseContactAction'>

Choosing contact

**SPEAKING** = <class

'hydrogram.raw.types.speaking\_in\_group\_call\_action.SpeakingInGroupCallAction'>

Speaking in group call

```
IMPORT_HISTORY = <class 'hydrogram.raw.types.send_message_history_import_action.
SendMessageHistoryImportAction'>
```

Importing history

```
CHOOSE_STICKER = <class 'hydrogram.raw.types.send_message_choose_sticker_action.
SendMessageChooseStickerAction'>
```

Choosing sticker

```
CANCEL = <class
'hydrogram.raw.types.send_message_cancel_action.SendMessageCancelAction'>
```

Cancel ongoing chat action

## ChatEventAction

```
class hydrogram.enums.ChatEventAction
```

Chat event action enumeration used in `get_chat_event_log()`.

```
DESCRIPTION_CHANGED = 'description_changed'
```

The chat description has been changed (see `old_description` and `new_description`)

```
HISTORY_TTL_CHANGED = 'history_ttl_changed'
```

The history time-to-live has been changed (see `old_history_ttl` and `new_history_ttl`)

```
LINKED_CHAT_CHANGED = 'linked_chat_changed'
```

The linked chat has been changed (see `old_linked_chat` and `new_linked_chat`)

```
PHOTO_CHANGED = 'photo_changed'
```

The chat photo has been changed (see `old_photo` and `new_photo`)

```
TITLE_CHANGED = 'title_changed'
```

the chat title has been changed (see `old_title` and `new_title`)

```
USERNAME_CHANGED = 'username_changed'
```

the chat username has been changed (see `old_username` and `new_username`)

```
CHAT_PERMISSIONS_CHANGED = 'chat_permissions_changed'
```

the default chat permissions has been changed (see `old_chat_permissions` and `new_chat_permissions`)

```
MESSAGE_DELETED = 'message_deleted'
```

a message has been deleted (see `deleted_message`)

```
MESSAGE_EDITED = 'message_edited'
```

a message has been edited (see `old_message` and `new_message`)

```
INVITE_LINK_EDITED = 'invite_link_edited'
```

An invite link has been edited (see `old_invite_link` and `new_invite link`)

```
INVITE_LINK_REVOKED = 'invite_link_revoked'
```

An invite link has been revoked (see `revoked_invite_link`)

```
INVITE_LINK_DELETED = 'invite_link_deleted'
```

An invite link has been deleted (see `deleted_invite_link`)

```
MEMBER_INVITED = 'member_invited'
```

a member has been invited by someone (see `invited_member`)

**MEMBER\_JOINED** = 'member\_joined'

a member joined by themselves. (see [user](#))

**MEMBER\_LEFT** = 'member\_left'

a member left by themselves. (see [user](#))

**ADMINISTRATOR\_PRIVILEGES\_CHANGED** = 'administrator\_privileges\_changed'

a chat member has been promoted/demoted or their administrator privileges has changed (see [old\\_administrator\\_privileges](#) and [new\\_administrator\\_privileges](#))

**MEMBER\_PERMISSIONS\_CHANGED** = 'member\_permissions\_changed'

a chat member has been restricted/unrestricted or banned/unbanned, or their permissions has changed (see [old\\_member\\_permissions](#) and [new\\_member\\_permissions](#))

**POLL\_STOPPED** = 'poll\_stopped'

a poll has been stopped (see [stopped\\_poll](#))

**INVITES\_ENABLED** = 'invites\_enabled'

the chat invitation has been enabled or disabled (see [invites\\_enabled](#))

**HISTORY\_HIDDEN** = 'history\_hidden'

the chat history has been hidden or unhidden (see [history\\_hidden](#))

**SIGNATURES\_ENABLED** = 'signatures\_enabled'

the message signatures have been enabled or disabled (see [signatures\\_enabled](#))

**SLOW\_MODE\_CHANGED** = 'slow\_mode\_changed'

the slow mode has been changes (see [old\\_slow\\_mode](#) and [new\\_slow\\_mode](#))

**MESSAGE\_PINNED** = 'message\_pinned'

a message has been pinned (see [pinned\\_message](#))

**MESSAGE\_UNPINNED** = 'message\_unpinned'

a message has been unpinned (see [unpinned\\_message](#))

**CREATED\_FORUM\_TOPIC** = 'created\_forum\_topic'

a new forum topic has been created (see [created\\_forum\\_topic](#))

**EDITED\_FORUM\_TOPIC** = 'edited\_forum\_topic'

a forum topic has been edited (see [old\\_forum\\_topic](#) and [new\\_forum\\_topic](#))

**DELETED\_FORUM\_TOPIC** = 'deleted\_forum\_topic'

a forum topic has been deleted (see [deleted\\_forum\\_topic](#))

**UNKNOWN** = 'unknown'

Unknown chat event action

## ChatMemberStatus

**class** hydrogram.enums.ChatMemberStatus

Chat member status enumeration used in [ChatMember](#).

**OWNER** = 'owner'

Chat owner

**ADMINISTRATOR** = 'administrator'

Chat administrator



```

MEMBER = 'member'
    Chat member

RESTRICTED = 'restricted'
    Restricted chat member

LEFT = 'left'
    Left chat member

BANNED = 'banned'
    Banned chat member

```

### ChatMembersFilter

```

class hydrogram.enums.ChatMembersFilter
    Chat members filter enumeration used in get\_chat\_members\(\)

    SEARCH = <class
        'hydrogram.raw.types.channel_participants_search.ChannelParticipantsSearch'>
        Search for members

    BANNED = <class
        'hydrogram.raw.types.channel_participants_kicked.ChannelParticipantsKicked'>
        Banned members

    RESTRICTED = <class
        'hydrogram.raw.types.channel_participants_banned.ChannelParticipantsBanned'>
        Restricted members

    BOTS = <class
        'hydrogram.raw.types.channel_participants_bots.ChannelParticipantsBots'>
        Bots

    RECENT = <class
        'hydrogram.raw.types.channel_participants_recent.ChannelParticipantsRecent'>
        Recently active members

    ADMINISTRATORS = <class
        'hydrogram.raw.types.channel_participants_admins.ChannelParticipantsAdmins'>
        Administrators

```

### ChatType

```

class hydrogram.enums.ChatType
    Chat type enumeration used in Chat.

    PRIVATE = 'private'
        Chat is a private chat with a user

    BOT = 'bot'
        Chat is a private chat with a bot

    GROUP = 'group'
        Chat is a basic group

```

**SUPERGROUP** = 'supergroup'

Chat is a supergroup

**CHANNEL** = 'channel'

Chat is a channel

## MessageEntityType

**class** hydrogram.enums.MessageEntityType

Message entity type enumeration used in *MessageEntity*.

**MENTION** = <class 'hydrogram.raw.types.message\_entity\_mention.MessageEntityMention'>  
@username

**HASHTAG** = <class 'hydrogram.raw.types.message\_entity\_hashtag.MessageEntityHashtag'>  
#hashtag

**CASHTAG** = <class 'hydrogram.raw.types.message\_entity\_cashtag.MessageEntityCashtag'>  
\$USD

**BOT\_COMMAND** = <class  
'hydrogram.raw.types.message\_entity\_bot\_command.MessageEntityBotCommand'>  
/start@hydrogrambot

**URL** = <class 'hydrogram.raw.types.message\_entity\_url.MessageEntityUrl'>  
https://hydrogram.org (see url)

**EMAIL** = <class 'hydrogram.raw.types.message\_entity\_email.MessageEntityEmail'>  
do-not-reply@hydrogram.org

**PHONE\_NUMBER** = <class 'hydrogram.raw.types.message\_entity\_phone.MessageEntityPhone'>  
+1-123-456-7890

**BOLD** = <class 'hydrogram.raw.types.message\_entity\_bold.MessageEntityBold'>  
Bold text

**ITALIC** = <class 'hydrogram.raw.types.message\_entity\_italic.MessageEntityItalic'>  
Italic text

**UNDERLINE** = <class  
'hydrogram.raw.types.message\_entity\_underline.MessageEntityUnderline'>  
Underlined text

**STRIKETHROUGH** = <class  
'hydrogram.raw.types.message\_entity\_strike.MessageEntityStrike'>  
Strikethrough text

**SPOILER** = <class 'hydrogram.raw.types.message\_entity\_spoiler.MessageEntitySpoiler'>  
Spoiler text

**CODE** = <class 'hydrogram.raw.types.message\_entity\_code.MessageEntityCode'>  
Monowidth string

**PRE** = <class 'hydrogram.raw.types.message\_entity\_pre.MessageEntityPre'>  
Monowidth block (see language)

```

BLOCKQUOTE = <class
'hydrogram.raw.types.message_entity_blockquote.MessageEntityBlockquote'>
    Blockquote text

TEXT_LINK = <class
'hydrogram.raw.types.message_entity_text_url.MessageEntityTextUrl'>
    For clickable text URLs

TEXT_MENTION = <class
'hydrogram.raw.types.message_entity_mention_name.MessageEntityMentionName'>
    for users without usernames (see user)

BANK_CARD = <class
'hydrogram.raw.types.message_entity_bank_card.MessageEntityBankCard'>
    Bank card text

CUSTOM_EMOJI = <class
'hydrogram.raw.types.message_entity_custom_emoji.MessageEntityCustomEmoji'>
    Custom emoji

UNKNOWN = <class 'hydrogram.raw.types.message_entity_unknown.MessageEntityUnknown'>
    Unknown message entity type

```

## MessageMediaType

```

class hydrogram.enums.MessageMediaType
    Message media type enumeration used in Message.

    AUDIO = 'audio'
        Audio media

    DOCUMENT = 'document'
        Document media

    PHOTO = 'photo'
        Photo media

    STICKER = 'sticker'
        Sticker media

    VIDEO = 'video'
        Video media

    ANIMATION = 'animation'
        Animation media

    VOICE = 'voice'
        Voice media

    VIDEO_NOTE = 'video_note'
        Video note media

    CONTACT = 'contact'
        Contact media

```

**LOCATION** = 'location'  
Location media

**VENUE** = 'venue'  
Venue media

**POLL** = 'poll'  
Poll media

**WEB\_PAGE** = 'web\_page'  
Web page media

**DICE** = 'dice'  
Dice media

**GAME** = 'game'  
Game media

### MessageServiceType

```
class hydrogram.enums.MessageServiceType
    Message service type enumeration used in Message.

    NEW_CHAT_MEMBERS = 'new_chat_members'
        New members join

    LEFT_CHAT_MEMBERS = 'left_chat_members'
        Left chat members

    NEW_CHAT_TITLE = 'new_chat_title'
        New chat title

    NEW_CHAT_PHOTO = 'new_chat_photo'
        New chat photo

    DELETE_CHAT_PHOTO = 'delete_chat_photo'
        Deleted chat photo

    GROUP_CHAT_CREATED = 'group_chat_created'
        Group chat created

    CHANNEL_CHAT_CREATED = 'channel_chat_created'
        Channel chat created

    MIGRATE_TO_CHAT_ID = 'migrate_to_chat_id'
        Migrated to chat id

    MIGRATE_FROM_CHAT_ID = 'migrate_from_chat_id'
        Migrated from chat id

    PINNED_MESSAGE = 'pinned_message'
        Pinned message

    GAME_HIGH_SCORE = 'game_high_score'
        Game high score
```

**FORUM\_TOPIC\_CREATED** = 'forum\_topic\_created'  
 a new forum topic created in the chat

**FORUM\_TOPIC\_CLOSED** = 'forum\_topic\_closed'  
 a new forum topic closed in the chat

**FORUM\_TOPIC\_REOPENED** = 'forum\_topic\_reopened'  
 a new forum topic reopened in the chat

**FORUM\_TOPIC\_EDITED** = 'forum\_topic\_edited'  
 a new forum topic renamed in the chat

**GENERAL\_TOPIC\_HIDDEN** = 'general\_topic\_hidden'  
 a forum general topic hidden in the chat

**GENERAL\_TOPIC\_UNHIDDEN** = 'general\_topic\_unhidden'  
 a forum general topic unhidden in the chat

**VIDEO\_CHAT\_STARTED** = 'video\_chat\_started'  
 Video chat started

**VIDEO\_CHAT\_ENDED** = 'video\_chat\_ended'  
 Video chat ended

**VIDEO\_CHAT\_SCHEDULED** = 'video\_chat\_scheduled'  
 Video chat scheduled

**VIDEO\_CHAT\_MEMBERS\_INVITED** = 'video\_chat\_members\_invited'  
 Video chat members invited

**WEB\_APP\_DATA** = 'web\_app\_data'  
 Web app data

## MessagesFilter

```
class hydrogram.enums.MessagesFilter
    Messages filter enumeration used in search_messages() and search_global()

    EMPTY = <class
    'hydrogram.raw.types.input_messages_filter_empty.InputMessagesFilterEmpty'>
        Empty filter (any kind of messages)

    PHOTO = <class
    'hydrogram.raw.types.input_messages_filter_photos.InputMessagesFilterPhotos'>
        Photo messages

    VIDEO = <class
    'hydrogram.raw.types.input_messages_filter_video.InputMessagesFilterVideo'>
        Video messages

    PHOTO_VIDEO = <class 'hydrogram.raw.types.input_messages_filter_photo_video.
    InputMessagesFilterPhotoVideo'>
        Photo and video messages
```

```
DOCUMENT = <class
'hydrogram.raw.types.input_messages_filter_document.InputMessagesFilterDocument'>
    Document messages

URL = <class 'hydrogram.raw.types.input_messages_filter_url.InputMessagesFilterUrl'>
    Messages containing URLs

ANIMATION = <class
'hydrogram.raw.types.input_messages_filter_gif.InputMessagesFilterGif'>
    Animation messages

VOICE_NOTE = <class
'hydrogram.raw.types.input_messages_filter_voice.InputMessagesFilterVoice'>
    Voice note messages

VIDEO_NOTE = <class 'hydrogram.raw.types.input_messages_filter_round_video.
InputMessagesFilterRoundVideo'>
    Video note messages

AUDIO_VIDEO_NOTE = <class 'hydrogram.raw.types.input_messages_filter_round_video.
InputMessagesFilterRoundVideo'>
    Audio and video note messages

AUDIO = <class
'hydrogram.raw.types.input_messages_filter_music.InputMessagesFilterMusic'>
    Audio messages (music)

CHAT_PHOTO = <class 'hydrogram.raw.types.input_messages_filter_chat_photos.
InputMessagesFilterChatPhotos'>
    Chat photo messages

PHONE_CALL = <class 'hydrogram.raw.types.input_messages_filter_phone_calls.
InputMessagesFilterPhoneCalls'>
    Phone call messages

MENTION = <class 'hydrogram.raw.types.input_messages_filter_my_mentions.
InputMessagesFilterMyMentions'>
    Messages containing mentions

LOCATION = <class
'hydrogram.raw.types.input_messages_filter_geo.InputMessagesFilterGeo'>
    Location messages

CONTACT = <class
'hydrogram.raw.types.input_messages_filter_contacts.InputMessagesFilterContacts'>
    Contact messages

PINNED = <class
'hydrogram.raw.types.input_messages_filter_pinned.InputMessagesFilterPinned'>
    Pinned messages
```

## ParseMode

**class** hydrogram.enums.ParseMode

Parse mode enumeration used in various places to set a specific parse mode

**DEFAULT** = 'default'

Default mode. Markdown and HTML combined

**MARKDOWN** = 'markdown'

Markdown only mode

**HTML** = 'html'

HTML only mode

**DISABLED** = 'disabled'

Disabled mode

## PollType

**class** hydrogram.enums.PollType

Poll type enumeration used in [Poll](#).

**QUIZ** = 'quiz'

Quiz poll

**REGULAR** = 'regular'

Regular poll

## SentCodeType

**class** hydrogram.enums.SentCodeType

Sent code type enumeration used in [SentCode](#).

**APP** = <class 'hydrogram.raw.types.auth.sent\_code\_type\_app.SentCodeTypeApp'>

The code was sent through the telegram app.

**CALL** = <class 'hydrogram.raw.types.auth.sent\_code\_type\_call.SentCodeTypeCall'>

The code will be sent via a phone call. A synthesized voice will tell the user which verification code to input.

**FLASH\_CALL** = <class  
'hydrogram.raw.types.auth.sent\_code\_type\_flash\_call.SentCodeTypeFlashCall'>

The code will be sent via a flash phone call, that will be closed immediately.

**MISSED\_CALL** = <class  
'hydrogram.raw.types.auth.sent\_code\_type\_missed\_call.SentCodeTypeMissedCall'>

Missed call.

**SMS** = <class 'hydrogram.raw.types.auth.sent\_code\_type\_sms.SentCodeTypeSms'>

The code was sent via SMS.

**FRAGMENT\_SMS** = <class  
'hydrogram.raw.types.auth.sent\_code\_type\_fragment\_sms.SentCodeTypeFragmentSms'>

The code was sent via Fragment SMS.

```
EMAIL_CODE = <class  
'hydrogram.raw.types.auth.sent_code_type_email_code.SentCodeTypeEmailCode'>  
    The code was sent via email.
```

## NextCodeType

```
class hydrogram.enums.NextCodeType
```

Next code type enumeration used in [SentCode](#).

```
CALL = <class 'hydrogram.raw.types.auth.code_type_call.CodeTypeCall'>  
    The code will be sent via a phone call. A synthesized voice will tell the user which verification code to  
    input.  
  
FLASH_CALL = <class  
'hydrogram.raw.types.auth.code_type_flash_call.CodeTypeFlashCall'>  
    The code will be sent via a flash phone call, that will be closed immediately.  
  
MISSED_CALL = <class  
'hydrogram.raw.types.auth.code_type_missed_call.CodeTypeMissedCall'>  
    Missed call.  
  
SMS = <class 'hydrogram.raw.types.auth.code_type_sms.CodeTypeSms'>  
    The code was sent via SMS.  
  
FRAGMENT_SMS = <class  
'hydrogram.raw.types.auth.code_type_fragment_sms.CodeTypeFragmentSms'>  
    The code was sent via Fragment SMS.
```

## UserStatus

```
class hydrogram.enums.UserStatus
```

User status enumeration used in [User](#).

```
ONLINE = 'online'  
    User is online  
  
OFFLINE = 'offline'  
    User is offline  
  
RECENTLY = 'recently'  
    User was seen recently  
  
LAST_WEEK = 'last_week'  
    User was seen last week  
  
LAST_MONTH = 'last_month'  
    User was seen last month  
  
LONG_AGO = 'long_ago'  
    User was seen long ago
```



### 2.3.15 Update Handlers

Handlers are used to instruct Hydrogram about which kind of updates you'd like to handle with your callback functions. For a much more convenient way of registering callback functions have a look at *Decorators* instead.

```
from hydrogram import Client
from hydrogram.handlers import MessageHandler

app = Client("my_account")

def dump(client, message):
    print(message)

app.add_handler(MessageHandler(dump))

app.run()
```

#### Index

- *MessageHandler*
- *EditedMessageHandler*
- *DeletedMessagesHandler*
- *CallbackQueryHandler*
- *InlineQueryHandler*
- *ChosenInlineResultHandler*
- *ChatMemberUpdatedHandler*
- *UserStatusHandler*
- *PollHandler*
- *DisconnectHandler*
- *RawUpdateHandler*

#### Details

##### **class** `hydrogram.handlers.MessageHandler`

The Message handler class. Used to handle new messages. It is intended to be used with *add\_handler()*

For a nicer way to register this handler, have a look at the *on\_message()* decorator.

##### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new Message arrives. It takes (*client*, *message*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of messages to be passed in your callback function.

##### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the message handler.
- **message** (*Message*) – The received message.

### `class hydrogram.handlers.EditedMessageHandler`

**The EditedMessage handler class. Used to handle edited messages.**

It is intended to be used with [`add\_handler\(\)`](#)

For a nicer way to register this handler, have a look at the [`on\_edited\_message\(\)`](#) decorator.

#### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new edited message arrives. It takes (*client*, *message*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of messages to be passed in your callback function.

#### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the message handler.
- **edited\_message** (*Message*) – The received edited message.

### `class hydrogram.handlers.DeletedMessagesHandler`

The deleted messages handler class. Used to handle deleted messages coming from any chat (private, group, channel). It is intended to be used with [`add\_handler\(\)`](#)

For a nicer way to register this handler, have a look at the [`on\_deleted\_messages\(\)`](#) decorator.

#### **Parameters**

- **callback** (Callable) – Pass a function that will be called when one or more messages have been deleted. It takes (*client*, *messages*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of messages to be passed in your callback function.

#### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the message handler.
- **messages** (List of *Message*) – The deleted messages, as list.

### `class hydrogram.handlers.CallbackQueryHandler`

The CallbackQuery handler class. Used to handle callback queries coming from inline buttons. It is intended to be used with [`add\_handler\(\)`](#)

For a nicer way to register this handler, have a look at the [`on\_callback\_query\(\)`](#) decorator.

#### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new CallbackQuery arrives. It takes (*client*, *callback\_query*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of callback queries to be passed in your callback function.

#### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the message handler.

- **callback\_query** (*CallbackQuery*) – The received callback query.

#### **class** hydrogram.handlers.**InlineQueryHandler**

The InlineQuery handler class. Used to handle inline queries. It is intended to be used with [add\\_handler\(\)](#)

For a nicer way to register this handler, have a look at the [on\\_inline\\_query\(\)](#) decorator.

##### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new InlineQuery arrives. It takes (*client, inline\_query*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of inline queries to be passed in your callback function.

##### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the inline query handler.
- **inline\_query** (*InlineQuery*) – The received inline query.

#### **class** hydrogram.handlers.**ChosenInlineResultHandler**

The ChosenInlineResult handler class. Used to handle chosen inline results coming from inline queries. It is intended to be used with [add\\_handler\(\)](#)

For a nicer way to register this handler, have a look at the [on\\_chosen\\_inline\\_result\(\)](#) decorator.

##### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new chosen inline result arrives. It takes (*client, chosen\_inline\_result*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of chosen inline results to be passed in your callback function.

##### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the message handler.
- **chosen\_inline\_result** (*ChosenInlineResult*) – The received chosen inline result.

#### **class** hydrogram.handlers.**ChatMemberUpdatedHandler**

The ChatMemberUpdated handler class. Used to handle changes in the status of a chat member. It is intended to be used with [add\\_handler\(\)](#).

For a nicer way to register this handler, have a look at the [on\\_chat\\_member\\_updated\(\)](#) decorator.

##### **Parameters**

- **callback** (Callable) – Pass a function that will be called when a new ChatMemberUpdated event arrives. It takes (*client, chat\_member\_updated*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of updates to be passed in your callback function.

##### **Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the handler.

- **chat\_member\_updated** (*ChatMemberUpdated*) – The received chat member update.

**class hydrogram.handlers.UserStatusHandler**

The UserStatus handler class. Used to handle user status updates (user going online or offline). It is intended to be used with [add\\_handler\(\)](#).

For a nicer way to register this handler, have a look at the [on\\_user\\_status\(\)](#) decorator.

**Parameters**

- **callback** (Callable) – Pass a function that will be called when a new user status update arrives. It takes (*client*, *user*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of users to be passed in your callback function.

**Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the user status handler.
- **user** (*User*) – The user containing the updated status.

**class hydrogram.handlers.PollHandler**

The Poll handler class. Used to handle polls updates.

It is intended to be used with [add\\_handler\(\)](#)

For a nicer way to register this handler, have a look at the [on\\_poll\(\)](#) decorator.

**Parameters**

- **callback** (Callable) – Pass a function that will be called when a new poll update arrives. It takes (*client*, *poll*) as positional arguments (look at the section below for a detailed description).
- **filters** (Filters) – Pass one or more filters to allow only a subset of polls to be passed in your callback function.

**Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the poll handler.
- **poll** (*Poll*) – The received poll.

**class hydrogram.handlers.DisconnectHandler**

The Disconnect handler class. Used to handle disconnections. It is intended to be used with [add\\_handler\(\)](#)

For a nicer way to register this handler, have a look at the [on\\_disconnect\(\)](#) decorator.

**Parameters**

- **callback** (Callable) – Pass a function that will be called when a disconnection occurs. It takes (*client*) as positional argument (look at the section below for a detailed description).

**Other Parameters**

- **client** (*Client*) – The Client itself. Useful, for example, when you want to change the proxy before a new connection is established.

**class hydrogram.handlers.RawUpdateHandler**

The Raw Update handler class. Used to handle raw updates. It is intended to be used with [add\\_handler\(\)](#)

For a nicer way to register this handler, have a look at the [on\\_raw\\_update\(\)](#) decorator.

**Parameters**

**callback** (Callable) – A function that will be called when a new update is received from the server. It takes (*client*, *update*, *users*, *chats*) as positional arguments (look at the section below for a detailed description).

**Other Parameters**

- **client** (*Client*) – The Client itself, useful when you want to call other API methods inside the update handler.
- **update** (*Update*) – The received update, which can be one of the many single Updates listed in the *Update* base type.
- **users** (dict) – Dictionary of all *User* mentioned in the update. You can access extra info about the user (such as *first\_name*, *last\_name*, etc...) by using the IDs you find in the *update* argument (e.g.: *users[1768841572]*).
- **chats** (dict) – Dictionary of all *Chat* and *Channel* mentioned in the update. You can access extra info about the chat (such as *title*, *participants\_count*, etc...) by using the IDs you find in the *update* argument (e.g.: *chats[1701277281]*).

---

**Note:** The following Empty or Forbidden types may exist inside the *users* and *chats* dictionaries. They mean you have been blocked by the user or banned from the group/channel.

- *UserEmpty*
  - *ChatEmpty*
  - *ChatForbidden*
  - *ChannelForbidden*
- 

## 2.3.16 Decorators

Decorators are able to register callback functions for handling updates in a much easier and cleaner way compared to *Handlers*; they do so by instantiating the correct handler and calling *add\_handler()* automatically. All you need to do is adding the decorators on top of your functions.

```
from hydrogram import Client

app = Client("my_account")

@app.on_message()
def log(client, message):
    print(message)

app.run()
```

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| • <code>on_edited_message()</code> | •                                      | • <code>on_poll()</code>        |
| • <code>on_callback_query()</code> | <code>on_chat_member_updated()</code>  | • <code>on_disconnect()</code>  |
| • <code>on_inline_query()</code>   | • <code>on_chat_join_request()</code>  | • <code>on_raw_update()</code>  |
| •                                  | • <code>on_deleted_messages()</code>   |                                 |
- 

## Details

### `@hydrogram.Client.on_message`

Decorator for handling new messages.

This does the same thing as `add_handler()` using the `MessageHandler`.

#### Parameters

- **filters** (*filters*, *optional*) – Pass one or more filters to allow only a subset of messages to be passed in your function.
- **group** (*int*, *optional*) – The group identifier, defaults to 0.

### `@hydrogram.Client.on_edited_message`

Decorator for handling edited messages.

This does the same thing as `add_handler()` using the `EditedMessageHandler`.

#### Parameters

- **filters** (*filters*, *optional*) – Pass one or more filters to allow only a subset of messages to be passed in your function.
- **group** (*int*, *optional*) – The group identifier, defaults to 0.

### `@hydrogram.Client.on_callback_query`

Decorator for handling callback queries.

This does the same thing as `add_handler()` using the `CallbackQueryHandler`.

#### Parameters

- **filters** (*filters*, *optional*) – Pass one or more filters to allow only a subset of callback queries to be passed in your function.
- **group** (*int*, *optional*) – The group identifier, defaults to 0.

### `@hydrogram.Client.on_inline_query`

Decorator for handling inline queries.

This does the same thing as `add_handler()` using the `InlineQueryHandler`.

#### Parameters

- **filters** (*filters*, *optional*) – Pass one or more filters to allow only a subset of inline queries to be passed in your function.
- **group** (*int*, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_chosen\_inline\_result**

Decorator for handling chosen inline results.

This does the same thing as [`add\_handler\(\)`](#) using the [`ChosenInlineResultHandler`](#).

**Parameters**

- **filters** ([\*filters\*](#), *optional*) – Pass one or more filters to allow only a subset of chosen inline results to be passed in your function.
- **group** (int, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_chat\_member\_updated**

Decorator for handling event changes on chat members.

This does the same thing as [`add\_handler\(\)`](#) using the [`ChatMemberUpdatedHandler`](#).

**Parameters**

- **filters** ([\*filters\*](#), *optional*) – Pass one or more filters to allow only a subset of updates to be passed in your function.
- **group** (int, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_chat\_join\_request**

Decorator for handling chat join requests.

This does the same thing as [`add\_handler\(\)`](#) using the [`ChatJoinRequestHandler`](#).

**Parameters**

- **filters** ([\*filters\*](#), *optional*) – Pass one or more filters to allow only a subset of updates to be passed in your function.
- **group** (int, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_deleted\_messages**

Decorator for handling deleted messages.

This does the same thing as [`add\_handler\(\)`](#) using the [`DeletedMessagesHandler`](#).

**Parameters**

- **filters** ([\*filters\*](#), *optional*) – Pass one or more filters to allow only a subset of messages to be passed in your function.
- **group** (int, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_user\_status**

Decorator for handling user status updates. This does the same thing as [`add\_handler\(\)`](#) using the [`UserStatusHandler`](#).

**Parameters**

- **filters** ([\*filters\*](#), *optional*) – Pass one or more filters to allow only a subset of UserStatus updated to be passed in your function.
- **group** (int, *optional*) – The group identifier, defaults to 0.

**@hydrogram.Client.on\_poll**

Decorator for handling poll updates.

This does the same thing as [`add\_handler\(\)`](#) using the [`PollHandler`](#).

**Parameters**

- **filters** (*filters*, *optional*) – Pass one or more filters to allow only a subset of polls to be passed in your function.
- **group** (*int*, *optional*) – The group identifier, defaults to 0.

#### @hydrogram.Client.on\_disconnect

Decorator for handling disconnections.

This does the same thing as `add_handler()` using the `DisconnectHandler`.

#### @hydrogram.Client.on\_raw\_update

Decorator for handling raw updates.

This does the same thing as `add_handler()` using the `RawUpdateHandler`.

##### Parameters

**group** (*int*, *optional*) – The group identifier, defaults to 0.

## 2.3.17 RPC Errors

All Hydrogram API errors live inside the `errors` sub-package: `hydrogram.errors`. The errors ids listed here are shown as *UPPER\_SNAKE\_CASE*, but the actual exception names to import from Hydrogram follow the usual *Pascal-Case* convention.

```
from hydrogram.errors import FloodWait

try:
    ...
except FloodWait as e:
    ...
```

- *303 - SeeOther*
- *400 - BadRequest*
- *401 - Unauthorized*
- *403 - Forbidden*
- *406 - NotAcceptable*
- *420 - Flood*
- *500 - InternalServerError*

### 303 - SeeOther

| id                     | message  |
|------------------------|--|
| FILE_MIGRATE_X         | The file to be accessed is currently stored in DC{value}   |
| NET-<br>WORK_MIGRATE_X | The source IP address is associated with DC{value} (for registration)                                    |
| PHONE_MIGRATE_X        | The phone number a user is trying to use for authorization is associated with DC{value}                  |
| STATS_MIGRATE_X        | The statistics of the group/channel are stored in DC{value}  |
| USER_MIGRATE_X         | The user whose identity is being used to execute queries is associated with DC{value} (for registration) |



## 400 - BadRequest

| id                                | message  |
|-----------------------------------|--|
| ABOUT_TOO_LONG                    | The provided about/bio text is too long  |
| ACCESS_TOKEN_EXPIRED              | The bot token has expired  |
| ACCESS_TOKEN_INVALID              | The bot access token is invalid  |
| ADMINS_TOO_MUCH                   | The chat has too many administrators   |
| ADMIN_RANK_EMOJI_NOT_ALLOWED      | Emoji are not allowed in custom administrator titles   |
| ADMIN_RANK_INVALID                | The custom administrator title is invalid or too long  |
| ALBUM_PHOTOS_TOO_MANY             | Too many photos were included in the album   |
| API_ID_INVALID                    | The api_id/api_hash combination is invalid   |
| API_ID_PUBLISHED_FLOOD            | You are using an API key that is limited on the server side because it was published         |
| ARTICLE_TITLE_EMPTY               | The article title is empty   |
| AUDIO_TITLE_EMPTY                 | The title attribute of the audio is empty  |
| AUTH_BYTES_INVALID                | The authorization bytes are invalid  |
| AUTH_TOKEN_ALREADY_ACCEPTED       | The authorization token was already used   |
| AUTH_TOKEN_EXPIRED                | The provided authorization token has expired and the updated QR-code must be used            |
| AUTH_TOKEN_INVALID                | An invalid authorization token was provided  |
| AUTOARCHIVE_NOT_AVAILABLE         | This feature is not yet enabled for your account due to it not receiving too many messages   |
| BANK_CARD_NUMBER_INVALID          | The credit card number is invalid  |
| BANNED_RIGHTS_INVALID             | You provided a set of restrictions that is invalid   |
| BASE_PORT_LOC_INVALID             | The base port location is invalid  |
| BOTS_TOO_MUCH                     | The chat has too many bots   |
| BOT_CHANNELS_NA                   | Bots can't edit admin privileges   |
| BOT_COMMAND_DESCRIPTION_INVALID   | The command description was empty, too long or had invalid characters                        |
| BOT_DOMAIN_INVALID                | The domain used for the auth button does not match the one configured in @BotFather          |
| BOT_GAMES_DISABLED                | Bot games cannot be used in this type of chat  |
| BOT_GROUPS_BLOCKED                | This bot can't be added to groups  |
| BOT_INLINE_DISABLED               | The inline feature of the bot is disabled  |
| BOT_INVALID                       | This is not a valid bot  |
| BOT_METHOD_INVALID                | The method can't be used by bots   |
| BOT_MISSING                       | This method can only be run by a bot   |
| BOT_ONESIDE_NOT_AVAIL             | Bots can't pin messages for one side only in private chats                                   |
| BOT_PAYMENTS_DISABLED             | This method can only be run by a bot   |
| BOT_POLLS_DISABLED                | Sending polls by bots has been disabled  |
| BOT_RESPONSE_TIMEOUT              | The bot did not answer to the callback query in time   |
| BOT_SCORE_NOT_MODIFIED            | The bot score was not modified   |
| BROADCAST_ID_INVALID              | The channel is invalid   |
| BROADCAST_PUBLIC_VOTERS_FORBIDDEN | Polls with public voters cannot be sent in channels  |
| BROADCAST_REQUIRED                | The request can only be used with a channel  |
| BUTTON_DATA_INVALID               | The button callback data is invalid or too large   |
| BUTTON_TYPE_INVALID               | The type of one of the buttons you provided is invalid                                       |
| BUTTON_URL_INVALID                | The button url is invalid  |
| BUTTON_USER_PRIVACY_RESTRICTED    | The privacy settings of the user specified in a keyboard button do not allow creating a poll |
| CALL_ALREADY_ACCEPTED             | The call is already accepted   |
| CALL_ALREADY_DECLINED             | The call is already declined   |
| CALL_PEER_INVALID                 | The provided call peer object is invalid   |
| CALL_PROTOCOL_FLAGS_INVALID       | Call protocol flags invalid  |
| CDN_METHOD_INVALID                | The method can't be used on CDN DCs  |
| CHANNELS_ADMIN_PUBLIC_TOO_MUCH    | You are an administrator of too many public channels   |
| CHANNELS_TOO_MUCH                 | You have joined too many channels or supergroups, leave some and try again                   |
| CHANNEL_ADD_INVALID               | Internal error.  |

Table 3 – continued from previous page

| id                                | message   |
|-----------------------------------|---|
| CHANNEL_BANNED                    | The channel is banned   |
| CHANNEL_INVALID                   | The channel parameter is invalid  |
| CHANNEL_PRIVATE                   | The channel/supergroup is not accessible  |
| CHANNEL_TOO_LARGE                 | The channel is too large  |
| CHAT_ABOUT_NOT_MODIFIED           | The chat about text was not modified because you tried to edit it using the same text                             |
| CHAT_ABOUT_TOO_LONG               | The chat about text is too long   |
| CHAT_ADMIN_REQUIRED               | The method requires chat admin privileges   |
| CHAT_DISCUSSION_UNALLOWED         | The chat discussion is not allowed  |
| CHAT_FORWARDS_RESTRICTED          | The chat restricts forwarding content   |
| CHAT_ID_EMPTY                     | The provided chat id is empty   |
| CHAT_ID_INVALID                   | The chat id being used is invalid or not known yet. Make sure you see the chat id in the chat list                |
| CHAT_INVALID                      | The chat is invalid   |
| CHAT_INVITE_PERMANENT             | The chat invite link is primary   |
| CHAT_LINK_EXISTS                  | The action failed because the supergroup is linked to a channel   |
| CHAT_NOT_MODIFIED                 | The chat settings (title, permissions, photo, etc..) were not modified because you tried to use the same settings |
| CHAT_RESTRICTED                   | The chat is restricted and cannot be used   |
| CHAT_SEND_INLINE_FORBIDDEN        | You cannot use inline bots to send messages in this chat  |
| CHAT_TITLE_EMPTY                  | The chat title is empty   |
| CHAT_TOO_BIG                      | The chat is too big for this action   |
| CODE_EMPTY                        | The provided code is empty  |
| CODE_HASH_INVALID                 | The provided code hash invalid  |
| CODE_INVALID                      | The provided code is invalid (i.e. from email)  |
| CONNECTION_API_ID_INVALID         | The provided API id is invalid  |
| CONNECTION_APP_VERSION_EMPTY      | App version is empty  |
| CONNECTION_DEVICE_MODEL_EMPTY     | The device model is empty   |
| CONNECTION_LANG_PACK_INVALID      | The specified language pack is not valid  |
| CONNECTION_LAYER_INVALID          | The connection layer is invalid. Missing InvokeWithLayer-InitConnection call                                      |
| CONNECTION_NOT_INITED             | The connection was not initialized  |
| CONNECTION_SYSTEM_EMPTY           | The connection to the system is empty   |
| CONNECTION_SYSTEM_LANG_CODE_EMPTY | The system language code is empty   |
| CONTACT_ADD_MISSING               | Contact to add is missing   |
| CONTACT_ID_INVALID                | The provided contact id is invalid  |
| CONTACT_NAME_EMPTY                | The provided contact name is empty  |
| CONTACT_REQ_MISSING               | Missing contact request   |
| DATA_INVALID                      | The encrypted data is invalid   |
| DATA_JSON_INVALID                 | The provided JSON data is invalid   |
| DATA_TOO_LONG                     | Data too long   |
| DATE_EMPTY                        | The date argument is empty  |
| DC_ID_INVALID                     | The dc_id parameter is invalid  |
| DH_G_A_INVALID                    | The g_a parameter invalid   |
| DOCUMENT_INVALID                  | The document is invalid   |
| EMAIL_HASH_EXPIRED                | The email hash expired and cannot be used to verify it  |
| EMAIL_INVALID                     | The email provided is invalid   |
| EMAIL_UNCONFIRMED                 | Email unconfirmed   |
| EMAIL_UNCONFIRMED_X               | The provided email isn't confirmed, {value} is the length of the verification code                                |
| EMAIL_VERIFY_EXPIRED              | The verification email has expired  |
| EMOTICON_EMPTY                    | The emoticon parameter is empty   |
| EMOTICON_INVALID                  | The emoticon parameter is invalid   |
| EMOTICON_STICKERPACK_MISSING      | The emoticon sticker pack you are trying to obtain is missing   |
| ENCRYPTED_MESSAGE_INVALID         | The special binding message (bind_auth_key_inner) contains invalid data   |

Table 3 – continued from previous page

| id                            | message  |
|-------------------------------|--|
| ENCRYPTION_ALREADY_ACCEPTED   | The secret chat is already accepted  |
| ENCRYPTION_ALREADY_DECLINED   | The secret chat is already declined  |
| ENCRYPTION_DECLINED           | The secret chat was declined   |
| ENCRYPTION_ID_INVALID         | The provided secret chat id is invalid   |
| ENTITIES_TOO_LONG             | The entity provided contains data that is too long, or you passed too many enti    |
| ENTITY_BOUNDS_INVALID         | The message entity bounds are invalid  |
| ENTITY_MENTION_USER_INVALID   | The mentioned entity is not an user  |
| ERROR_TEXT_EMPTY              | The provided error message is empty  |
| EXPIRE_DATE_INVALID           | The expiration date is invalid   |
| EXPORT_CARD_INVALID           | The provided card is invalid   |
| EXTERNAL_URL_INVALID          | The external media URL is invalid  |
| FIELD_NAME_EMPTY              | The field with the name FIELD_NAME is missing                                      |
| FIELD_NAME_INVALID            | The field with the name FIELD_NAME is invalid                                      |
| FILE_ID_INVALID               | The file id is invalid   |
| FILE_MIGRATE_X                | The file is in Data Center No. {value}   |
| FILE_PARTS_INVALID            | Invalid number of parts.   |
| FILE_PART_EMPTY               | The file part sent is empty  |
| FILE_PART_INVALID             | The file part number is invalid.   |
| FILE_PART_LENGTH_INVALID      | The length of a file part is invalid   |
| FILE_PART_SIZE_CHANGED        | The part size is different from the size of one of the previous parts in the same  |
| FILE_PART_SIZE_INVALID        | The file part size is invalid  |
| FILE_PART_TOO_BIG             | The size limit for the content of the file part has been exceeded                  |
| FILE_PART_X_MISSING           | Part {value} of the file is missing from storage                                   |
| FILE_REFERENCE_EMPTY          | The file id contains an empty file reference, you must obtain a valid one by fet   |
| FILE_REFERENCE_EXPIRED        | The file id contains an expired file reference, you must obtain a valid one by fe  |
| FILE_REFERENCE_INVALID        | The file id contains an invalid file reference, you must obtain a valid one by fet |
| FILTER_ID_INVALID             | The specified filter ID is invalid   |
| FIRSTNAME_INVALID             | The first name is invalid  |
| FOLDER_ID_EMPTY               | The folder you tried to delete was already empty                                   |
| FOLDER_ID_INVALID             | The folder id is invalid   |
| FRESH_CHANGE_ADMINS_FORBIDDEN | You can't change administrator settings in this chat because your session was l    |
| FROM_MESSAGE_BOT_DISABLED     | Bots can't use fromMessage min constructors  |
| FROM_PEER_INVALID             | The from peer value is invalid   |
| GAME_BOT_INVALID              | You cannot send that game with the current bot                                     |
| GEO_POINT_INVALID             | Invalid geo point provided   |
| GIF_CONTENT_TYPE_INVALID      | GIF content-type invalid   |
| GIF_ID_INVALID                | The provided gif/animation id is invalid   |
| GRAPH_INVALID_RELOAD          | Invalid graph token provided, please reload the stats and provide the updated t    |
| GRAPH_OUTDATED_RELOAD         | The graph data is outdated   |
| GROUPCALL_SSRC_DUPLICATE_MUCH | Too many group call synchronization source duplicates                              |
| GROUPED_MEDIA_INVALID         | The album contains invalid media   |
| GROUP_CALL_INVALID            | The group call is invalid  |
| HASH_INVALID                  | The provided hash is invalid   |
| IMAGE_PROCESS_FAILED          | The server failed to process your image  |
| IMPORT_FILE_INVALID           | The imported file is invalid   |
| IMPORT_FORMAT_UNRECOGNIZED    | The imported format is unrecognized  |
| IMPORT_ID_INVALID             | The import id is invalid   |
| INLINE_RESULT_EXPIRED         | The inline bot query expired   |
| INPUT_CONSTRUCTOR_INVALID     | The provided constructor is invalid  |
| INPUT_FETCH_ERROR             | An error occurred while deserializing TL parameters                                |

Table 3 – continued from previous page

| id                          | message   |
|-----------------------------|---|
| INPUT_FETCH_FAIL            | Failed deserializing TL payload   |
| INPUT_FILTER_INVALID        | The filter is invalid for this query  |
| INPUT_LAYER_INVALID         | The provided layer is invalid   |
| INPUT_METHOD_INVALID        | The method invoked is invalid in the current schema                               |
| INPUT_REQUEST_TOO_LONG      | The input request is too long   |
| INPUT_USER_DEACTIVATED      | The target user has been deleted/deactivated                                      |
| INVITE_HASH_EMPTY           | The invite hash is empty  |
| INVITE_HASH_EXPIRED         | The chat invite link is no longer valid   |
| INVITE_HASH_INVALID         | The invite link hash is invalid   |
| INVITE_REQUEST_SENT         | The request to join this chat or channel has been successfully sent               |
| INVITE_REVOKED_MISSING      | The action required a chat invite link to be revoked first                        |
| LANG_PACK_INVALID           | The provided language pack is invalid   |
| LASTNAME_INVALID            | The last name is invalid  |
| LIMIT_INVALID               | The limit parameter is invalid  |
| LINK_NOT_MODIFIED           | The chat link was not modified because you tried to link to the same target       |
| LOCATION_INVALID            | The file location is invalid  |
| MAX_ID_INVALID              | The max_id parameter is invalid   |
| MAX_QTS_INVALID             | The provided QTS is invalid   |
| MD5_CHECKSUM_INVALID        | The file's checksum did not match the md5_checksum parameter                      |
| MEDIA_CAPTION_TOO_LONG      | The media caption is too long   |
| MEDIA_EMPTY                 | The media you tried to send is invalid  |
| MEDIA_FILE_INVALID          | The media file is invalid   |
| MEDIA_INVALID               | The media is invalid  |
| MEDIA_NEW_INVALID           | The new media to edit the message with is invalid                                 |
| MEDIA_PREV_INVALID          | The previous media cannot be edited with anything else                            |
| MEDIA_TTL_INVALID           | The media ttl is invalid  |
| MEDIA_VIDEO_STORY_MISSING   | The media does not have a photo or a video  |
| MEGAGROUP_ID_INVALID        | The supergroup is invalid   |
| MEGAGROUP_PREHISTORY_HIDDEN | The action failed because the supergroup has the pre-history hidden               |
| MEGAGROUP_REQUIRED          | The request can only be used with a supergroup                                    |
| MESSAGE_EDIT_TIME_EXPIRED   | You can no longer edit this message because too much time has passed              |
| MESSAGE_EMPTY               | The message sent is empty or contains invalid characters                          |
| MESSAGE_IDS_EMPTY           | The requested message doesn't exist or you provided no message id                 |
| MESSAGE_ID_INVALID          | The message id is invalid   |
| MESSAGE_NOT_MODIFIED        | The message was not modified because you tried to edit it using the same content  |
| MESSAGE_POLL_CLOSED         | You can't interact with a closed poll   |
| MESSAGE_TOO_LONG            | The message text is too long  |
| METHOD_INVALID              | The API method is invalid and cannot be used                                      |
| MSG_ID_INVALID              | The message ID used in the peer was invalid                                       |
| MSG_VOICE_MISSING           | The message does not contain a voice message                                      |
| MSG_WAIT_FAILED             | A waiting call returned an error  |
| MULTI_MEDIA_TOO_LONG        | The album/media group contains too many items                                     |
| NEW_SALT_INVALID            | The new salt is invalid   |
| NEW_SETTINGS_INVALID        | The new settings are invalid  |
| NEXT_OFFSET_INVALID         | The next offset value is invalid  |
| OFFSET_INVALID              | The offset parameter is invalid   |
| OFFSET_PEER_ID_INVALID      | The provided offset peer is invalid   |
| OPTIONS_TOO_MUCH            | The poll options are too many   |
| OPTION_INVALID              | The option specified is invalid and does not exist in the target poll             |
| PACK_SHORT_NAME_INVALID     | Invalid sticker pack name. It must begin with a letter, can't contain consecutive |

Table 3 – continued from previous page

| id                                | message   |
|-----------------------------------|---|
| PACK_SHORT_NAME_OCCUPIED          | A sticker pack with this name already exists                                  |
| PACK_TITLE_INVALID                | The sticker pack title is invalid   |
| PARTICIPANTS_TOO_FEW              | The chat doesn't have enough participants                                     |
| PARTICIPANT_VERSION_OUTDATED      | The other participant is using an outdated Telegram app version               |
| PASSWORD_EMPTY                    | The password provided is empty  |
| PASSWORD_HASH_INVALID             | The two-step verification password is invalid                                 |
| PASSWORD_MISSING                  | The account is missing the two-step verification password                     |
| PASSWORD_RECOVERY_NA              | The password recovery e-mail is not available                                 |
| PASSWORD_REQUIRED                 | The two-step verification password is required for this method                |
| PASSWORD_TOO_FRESH_X              | The two-step verification password was added recently and you are required to |
| PAYMENT_PROVIDER_INVALID          | The payment provider was not recognised or its token was invalid              |
| PEER_FLOOD                        | The method can't be used because your account is currently limited            |
| PEER_ID_INVALID                   | The peer id being used is invalid or not known yet. Make sure you meet the pe |
| PEER_ID_NOT_SUPPORTED             | The provided peer id is not supported   |
| PERSISTENT_TIMESTAMP_EMPTY        | The pts argument is empty   |
| PERSISTENT_TIMESTAMP_INVALID      | The persistent timestamp is invalid   |
| PHONE_CODE_EMPTY                  | The phone code is missing   |
| PHONE_CODE_EXPIRED                | The confirmation code has expired   |
| PHONE_CODE_HASH_EMPTY             | The phone code hash is missing  |
| PHONE_CODE_INVALID                | The confirmation code is invalid  |
| PHONE_NUMBER_APP_SIGNUP_FORBIDDEN | You can't sign up using this app  |
| PHONE_NUMBER_BANNED               | The phone number is banned from Telegram and cannot be used                   |
| PHONE_NUMBER_FLOOD                | This number has tried to login too many times                                 |
| PHONE_NUMBER_INVALID              | The phone number is invalid   |
| PHONE_NUMBER_OCCUPIED             | The phone number is already in use  |
| PHONE_NUMBER_UNOCCUPIED           | The phone number is not yet being used  |
| PHONE_PASSWORD_PROTECTED          | The phone is password protected   |
| PHOTO_CONTENT_TYPE_INVALID        | The photo content type is invalid   |
| PHOTO_CONTENT_URL_EMPTY           | The photo content URL is empty  |
| PHOTO_CROP_FILE_MISSING           | Photo crop file missing   |
| PHOTO_CROP_SIZE_SMALL             | The photo is too small  |
| PHOTO_EXT_INVALID                 | The photo extension is invalid  |
| PHOTO_FILE_MISSING                | Profile photo file missing  |
| PHOTO_ID_INVALID                  | The photo id is invalid   |
| PHOTO_INVALID                     | The photo is invalid  |
| PHOTO_INVALID_DIMENSIONS          | The photo dimensions are invalid  |
| PHOTO_SAVE_FILE_INVALID           | The photo you tried to send cannot be saved by Telegram                       |
| PHOTO_THUMB_URL_EMPTY             | The photo thumb URL is empty  |
| PHOTO_THUMB_URL_INVALID           | The photo thumb URL is invalid  |
| PINNED_DIALOGS_TOO_MUCH           | Too many pinned dialogs   |
| PIN_RESTRICTED                    | You can't pin messages in private chats with other people                     |
| POLL_ANSWERS_INVALID              | The poll answers are invalid  |
| POLL_OPTION_DUPLICATE             | A duplicate option was sent in the same poll                                  |
| POLL_OPTION_INVALID               | A poll option used invalid data (the data may be too long)                    |
| POLL_QUESTION_INVALID             | The poll question is invalid  |
| POLL_UNSUPPORTED                  | This layer does not support polls in the invoked method                       |
| POLL_VOTE_REQUIRED                | Cast a vote in the poll before calling this method                            |
| PREMIUM_ACCOUNT_REQUIRED          | The method requires a premium user account                                    |
| PRIVACY_KEY_INVALID               | The privacy key is invalid  |
| PRIVACY_TOO_LONG                  | Your privacy exception list has exceeded the maximum capacity                 |

Table 3 – continued from previous page

| id                            | message  |
|-------------------------------|--|
| PRIVACY_VALUE_INVALID         | The privacy value is invalid   |
| QUERY_ID_EMPTY                | The query ID is empty  |
| QUERY_ID_INVALID              | The callback query id is invalid   |
| QUERY_TOO_SHORT               | The query is too short   |
| QUIZ_CORRECT_ANSWERS_EMPTY    | The correct answers of the quiz are empty  |
| QUIZ_CORRECT_ANSWERS_TOO_MUCH | The quiz contains too many correct answers   |
| QUIZ_CORRECT_ANSWER_INVALID   | The correct answers of the quiz are invalid  |
| QUIZ_MULTIPLE_INVALID         | A quiz can't have multiple answers   |
| RANDOM_ID_EMPTY               | The random ID is empty   |
| RANDOM_ID_INVALID             | The provided random ID is invalid  |
| RANDOM_LENGTH_INVALID         | The random length is invalid   |
| RANGES_INVALID                | Invalid range provided   |
| REACTION_EMPTY                | The reaction provided is empty   |
| REACTION_INVALID              | Invalid reaction provided (only valid emoji are allowed)                                       |
| REFLECTOR_NOT_AVAILABLE       | The call reflector is not available  |
| REPLY_MARKUP_BUY_EMPTY        | Reply markup for buy button empty  |
| REPLY_MARKUP_GAME_EMPTY       | The provided reply markup for the game is empty  |
| REPLY_MARKUP_INVALID          | The provided reply markup is invalid   |
| REPLY_MARKUP_TOO_LONG         | The reply markup is too long   |
| RESULTS_TOO_MUCH              | The result contains too many items   |
| RESULT_ID_DUPLICATE           | The result contains items with duplicated identifiers  |
| RESULT_ID_EMPTY               | Result ID empty  |
| RESULT_ID_INVALID             | The given result cannot be used to send the selection to the bot                               |
| RESULT_TYPE_INVALID           | The result type is invalid   |
| REVOTE_NOT_ALLOWED            | You cannot change your vote  |
| RSA_DECRYPT_FAILED            | Internal RSA decryption failed   |
| SCHEDULE_BOT_NOT_ALLOWED      | Bots are not allowed to schedule messages  |
| SCHEDULE_DATE_INVALID         | Invalid schedule date provided   |
| SCHEDULE_DATE_TOO_LATE        | The date you tried to schedule is too far in the future (more than one year)                   |
| SCHEDULE_STATUS_PRIVATE       | You cannot schedule a message until the person comes online if their privacy is set to private |
| SCHEDULE_TOO_MUCH             | You tried to schedule too many messages in this chat   |
| SEARCH_QUERY_EMPTY            | The search query is empty  |
| SECONDS_INVALID               | The seconds interval is invalid  |
| SEND_MESSAGE_MEDIA_INVALID    | The message media is invalid   |
| SEND_MESSAGE_TYPE_INVALID     | The message type is invalid  |
| SESSION_TOO_FRESH_X           | You can't do this action because the current session was logged-in recently                    |
| SETTINGS_INVALID              | Invalid settings were provided   |
| SHA256_HASH_INVALID           | The provided SHA256 hash is invalid  |
| SHORTNAME_OCCUPY_FAILED       | An error occurred when trying to register the short-name used for the sticker pack             |
| SLOWMODE_MULTI_MSGS_DISABLED  | Slowmode is enabled, you cannot forward multiple messages to this group                        |
| SMS_CODE_CREATE_FAILED        | An error occurred while creating the SMS code  |
| SRP_ID_INVALID                | Invalid SRP ID provided  |
| SRP_PASSWORD_CHANGED          | The password has changed   |
| START_PARAM_EMPTY             | The start parameter is empty   |
| START_PARAM_INVALID           | The start parameter is invalid   |
| START_PARAM_TOO_LONG          | The start parameter is too long  |
| STICKERSET_INVALID            | The requested sticker set is invalid   |
| STICKERSET_NOT_MODIFIED       | The sticker set is not modified  |
| STICKERS_EMPTY                | The sticker provided is empty  |
| STICKERS_TOO_MUCH             | Too many stickers in the set   |

Table 3 – continued from previous page

| id                       | message   |
|--------------------------|---|
| STICKER_DOCUMENT_INVALID | The sticker document is invalid   |
| STICKER_EMOJI_INVALID    | The sticker emoji is invalid  |
| STICKER_FILE_INVALID     | The sticker file is invalid   |
| STICKER_ID_INVALID       | The provided sticker id is invalid  |
| STICKER_INVALID          | The provided sticker is invalid   |
| STICKER_PNG_DIMENSIONS   | The sticker png dimensions are invalid  |
| STICKER_PNG_NOPNG        | Stickers must be png files but the provided image was not a png                   |
| STICKER_TGS_NOTGS        | A tgs sticker file was expected, but something else was provided                  |
| STICKER_THUMB_PNG_NOPNG  | A png sticker thumbnail file was expected, but something else was provided        |
| STICKER_VIDEO_NOWEBM     | A webm video file was expected, but something else was provided                   |
| STORIES_TOO_MUCH         | Too many stories in the current account   |
| TAKEOUT_INVALID          | The takeout id is invalid   |
| TAKEOUT_REQUIRED         | The method must be invoked inside a takeout session                               |
| TEMP_AUTH_KEY_EMPTY      | The temporary auth key provided is empty  |
| THEME_FILE_INVALID       | Invalid theme file provided   |
| THEME_FORMAT_INVALID     | Invalid theme format provided   |
| THEME_INVALID            | Invalid theme provided  |
| THEME_MIME_INVALID       | You cannot create this theme because the mime-type is invalid                     |
| TMP_PASSWORD_DISABLED    | The temporary password is disabled  |
| TMP_PASSWORD_INVALID     | The temporary password is invalid   |
| TOKEN_INVALID            | The provided token is invalid   |
| TOPIC_CLOSED             | The topic was closed  |
| TOPIC_DELETED            | The topic was deleted   |
| TRANSCRIPTION_FAILED     | Telegram is having internal problems. Please try again later to transcribe the a  |
| TTL_DAYS_INVALID         | The provided TTL days is invalid  |
| TTL_MEDIA_INVALID        | The media does not support self-destruction                                       |
| TTL_PERIOD_INVALID       | The provided TTL period is invalid  |
| TYPES_EMPTY              | The types parameter is empty  |
| TYPE_CONSTRUCTOR_INVALID | The type constructor is invalid   |
| UNTIL_DATE_INVALID       | That date parameter is invalid  |
| URL_INVALID              | The URL provided is invalid   |
| USAGE_LIMIT_INVALID      | The usage limit is invalid  |
| USERNAME_INVALID         | The username is invalid   |
| USERNAME_NOT_MODIFIED    | The username was not modified because you tried to edit it using the same one     |
| USERNAME_NOT_OCCUPIED    | The username is not occupied by anyone  |
| USERNAME_OCCUPIED        | The username is already in use by someone else                                    |
| USERPIC_UPLOAD_REQUIRED  | You are required to upload a profile picture for this action                      |
| USERS_TOO_FEW            | Not enough users (to create a chat, for example)                                  |
| USERS_TOO_MUCH           | The maximum number of users has been exceeded (to create a chat, for example)     |
| USER_ADMIN_INVALID       | The action requires admin privileges. Probably you tried to edit admin privileges |
| USER_ALREADY_PARTICIPANT | The user is already a participant of this chat                                    |
| USER_BANNED_IN_CHANNEL   | You are limited from sending messages in supergroups/channels, check @Spa         |
| USER_BLOCKED             | The user is blocked   |
| USER_BOT                 | Bots in channels can only be administrators, not members.                         |
| USER_BOT_INVALID         | This method can only be used by a bot   |
| USER_BOT_REQUIRED        | The method can be used by bots only   |
| USER_CHANNELS_TOO_MUCH   | The user is already in too many channels or supergroups                           |
| USER_CREATOR             | You can't leave this channel because you're its creator                           |
| USER_ID_INVALID          | The user id being used is invalid or not known yet. Make sure you meet the us     |
| USER_INVALID             | The provided user is invalid  |

Table 3 – continued from previous page

| id                         | message  |
|----------------------------|--|
| USER_IS_BLOCKED            | The user blocked you                                     |
| USER_IS_BOT                | A bot cannot send messages to other bots or to itself    |
| USER_KICKED                | This user was kicked from this chat                      |
| USER_NOT_MUTUAL_CONTACT    | The user is not a mutual contact                         |
| USER_NOT_PARTICIPANT       | The user is not a member of this chat                    |
| VIDEO_CONTENT_TYPE_INVALID | The video content type is invalid (i.e.: not streamable) |
| VIDEO_FILE_INVALID         | The video file is invalid                                |
| VOICE_MESSAGES_FORBIDDEN   | Voice messages are restricted                            |
| VOLUME_LOC_NOT_FOUND       | The volume location can't be found                       |
| WALLPAPER_FILE_INVALID     | The provided file cannot be used as a wallpaper          |
| WALLPAPER_INVALID          | The input wallpaper was not valid                        |
| WALLPAPER_MIME_INVALID     | The wallpaper mime type is invalid                       |
| WC_CONVERT_URL_INVALID     | WC convert URL invalid                                   |
| WEBDOCUMENT_INVALID        | The web document is invalid                              |
| WEBDOCUMENT_MIME_INVALID   | The web document mime type is invalid                    |
| WEBDOCUMENT_SIZE_TOO_BIG   | The web document is too big                              |
| WEBDOCUMENT_URL_EMPTY      | The web document URL is empty                            |
| WEBDOCUMENT_URL_INVALID    | The web document URL is invalid                          |
| WEBPAGE_CURL_FAILED        | Telegram server could not fetch the provided URL         |
| WEBPAGE_MEDIA_EMPTY        | The URL doesn't contain any valid media                  |
| YOU_BLOCKED_USER           | You blocked this user                                    |

**401 - Unauthorized**

| id                      | message  |
|-------------------------|--|
| ACTIVE_USER_REQUIRED    | The method is only available to already activated users                              |
| AUTH_KEY_INVALID        | The key is invalid   |
| AUTH_KEY_PERM_EMPTY     | The method is unavailable for temporary authorization key, not bound to permanent    |
| AUTH_KEY_UNREGISTERED   | The key is not registered in the system. Delete your session file and login again    |
| SESSION_EXPIRED         | The authorization has expired  |
| SESSION_PASSWORD_NEEDED | The two-step verification is enabled and a password is required                      |
| SESSION_REVOKED         | The authorization has been invalidated, because of the user terminating all sessions |
| USER_DEACTIVATED        | The user has been deleted/deactivated  |
| USER_DEACTIVATED_BAN    | The user has been deleted/deactivated  |



## 403 - Forbidden

| id                      | message   |
|-------------------------|---|
| BROAD-CAST_FORBIDDEN    | The request can't be used in channels   |
| CHAN-NEL_PUBLIC_GROUP_  | The channel/supergroup is not available   |
| CHAT_ADMIN_INVITE       | You don't have rights to invite other users   |
| CHAT_ADMIN_REQUII       | The method requires chat admin privileges   |
| CHAT_FORBIDDEN          | You cannot write in this chat   |
| CHAT_SEND_GIFS_FO       | You can't send animations in this chat  |
| CHAT_SEND_INLINE_I      | You cannot use inline bots to send messages in this chat  |
| CHAT_SEND_MEDIA_I       | You can't send media messages in this chat  |
| CHAT_SEND_POLL_FC       | You can't send polls in this chat   |
| CHAT_SEND_STICKER       | You can't send stickers in this chat  |
| CHAT_WRITE_FORBID       | You don't have rights to send messages in this chat   |
| EDIT_BOT_INVITE_FO      | Bots' chat invite links can't be edited   |
| IN-LINE_BOT_REQUIRED    | The action must be performed through an inline bot callback   |
| MES-SAGE_AUTHOR_REQU    | You are not the author of this message  |
| MES-SAGE_DELETE_FORBI   | You don't have rights to delete messages in this chat, most likely because you are not the author of them   |
| POLL_VOTE_REQUIRE       | Cast a vote in the poll before calling this method  |
| PRE-MIUM_ACCOUNT_REQ    | This action requires a premium account  |
| RIGHT_FORBIDDEN         | You don't have enough rights for this action, or you tried to set one or more admin rights that can't be applied to this kind of chat (channel or supergroup) |
| SENSI-TIVE_CHANGE_FORBI | Your sensitive content settings can't be changed at this time   |
| TAKE-OUT_REQUIRED       | The method must be invoked inside a takeout session   |
| USER_BOT_INVALID        | This method can only be called by a bot   |
| USER_CHANNELS_TO        | One of the users you tried to add is already in too many channels/supergroups   |
| USER_INVALID            | The provided user is invalid  |
| USER_IS_BLOCKED         | The user is blocked   |
| USER_NOT_MUTUAL_        | The provided user is not a mutual contact   |
| USER_PRIVACY_RESTI      | The user's privacy settings is preventing you to perform this action  |
| USER_RESTRICTED         | You are limited/restricted. You can't perform this action   |

**406 - NotAcceptable**

| id                           | message  |
|------------------------------|--|
| AUTH_KEY_DUPLICATI           | The same authorization key (session file) was used in more than one place simultaneously. You must delete your session file and log in again with your phone number or bot token |
| CHANNEL_PRIVATE              | The channel/supergroup is not accessible   |
| FIL-<br>EREF_UPGRADE_NEED    | The file reference has expired and you must use a refreshed one by obtaining the original media message  |
| FRESH_CHANGE_ADMI            | You were just elected admin, you can't add or modify other admins yet  |
| FRESH_CHANGE_PHON            | You can't change your phone number because your session was logged-in recently   |
| FRESH_RESET_AUTHOI           | You can't terminate other authorized sessions because the current was logged-in recently   |
| PHONE_NUMBER_INVA            | The phone number is invalid  |
| PHONE_PASSWORD_FL            | You have tried to log-in too many times  |
| STICKER-<br>SET_INVALID      | The sticker set is invalid   |
| STICKER-<br>SET_OWNER_ANONYM | This sticker set can't be used as the group's sticker set because it was created by one of its anonymous admins  |
| USER-<br>PIC_UPLOAD_REQUIRE  | You must have a profile picture to publish your geolocation  |
| USER_RESTRICTED              | You are limited/restricted. You can't perform this action  |

**420 - Flood**

| id                        | message  |
|---------------------------|--|
| 2FA_CONFIRM_WAIT_X        | A wait of {value} seconds is required because this account is active and protected by a 2FA password |
| FLOOD_TEST_PHONE_WA       | A wait of {value} seconds is required in the test servers  |
| FLOOD_WAIT_X              | A wait of {value} seconds is required  |
| SLOWMODE_WAIT_X           | A wait of {value} seconds is required to send messages in this chat.                                 |
| TAKE-<br>OUT_INIT_DELAY_X | You have to confirm the data export request using one of your mobile devices or wait {value} seconds |

**500 - InternalServerError**

| id                             | message  |
|--------------------------------|--|
| API_CALL_ERROR                 | API call error due to Telegram having internal problems. Please try again later                  |
| AUTH_RESTART                   | User authorization has restarted   |
| CALL_OCCUPY_FAILED             | The call failed because the user is already making another call                                  |
| CHAT_ID_GENERATE_FAILED        | Failure while generating the chat ID due to Telegram having internal problems.                   |
| CHAT_OCCUPY_LOC_FAILED         | An internal error occurred while creating the chat   |
| CHAT_OCCUPY_USERNAME_FAILED    | Failure to occupy chat username due to Telegram having internal problems. Please try again later |
| CHP_CALL_FAIL                  | Telegram is having internal problems. Please try again later                                     |
| ENCRYPTION_OCCUPY_ADMIN_FAILED | Failed occupying memory for admin info due to Telegram having internal problems.                 |
| ENCRYPTION_OCCUPY_FAILED       | Internal server error while accepting secret chat  |

Table 4 – continued from previous page

| id                                | message  |
|-----------------------------------|--|
| FOLDER_DEAC_AUTOFIX_ALL           | Telegram is having internal problems. Please try again later   |
| GROUPCALL_ADD_PARTICIPANTS_FAILED | Failure while adding voice chat member due to Telegram having internal problems. Please try again later    |
| GROUPED_ID_OCCUPY_FAILED          | Telegram is having internal problems. Please try again later   |
| HISTORY_GET_FAILED                | The chat history couldn't be retrieved due to Telegram having internal problems. Please try again later    |
| IMAGE_ENGINE_DOWN                 | Image engine down due to Telegram having internal problems. Please try again later                         |
| INTERDC_X_CALL_ERROR              | An error occurred while Telegram was intercommunicating with DC{value}. Please try again later             |
| INTERDC_X_CALL_RICH_ERROR         | A rich error occurred while Telegram was intercommunicating with DC{value}. Please try again later         |
| MEMBER_FETCH_FAILED               | Telegram is having internal problems. Please try again later   |
| MEMBER_NO_LOCATION                | Couldn't find the member's location due to Telegram having internal problems. Please try again later       |
| MEMBER_OCCUPY_PRIMARY_LOC_FAILED  | Telegram is having internal problems. Please try again later   |
| MEMBER_OCCUPY_USERNAME_FAILED     | Failure to occupy member username due to Telegram having internal problems. Please try again later         |
| MSGID_DECREASE_RETRY              | Telegram is having internal problems. Please try again later   |
| MSG_RANGE_UNSYNC                  | Message range unsynchronized due to Telegram having internal problems. Please try again later              |
| MT_SEND_QUEUE_TOO_LONG            | The MTProto send queue has grown too much due to Telegram having internal problems. Please try again later |
| NEED_CHAT_INVALID                 | The provided chat is invalid   |
| NEED_MEMBER_INVALID               | The provided member is invalid or does not exist   |
| No workers running                | The Telegram server is restarting its workers. Try again later.  |
| PARTICIPANT_CALL_FAILED           | Failure while making call due to Telegram having internal problems. Please try again later                 |
| PERSISTENT_TIMESTAMP_OUTDATED     | The persistent timestamp is outdated due to Telegram having internal problems. Please try again later      |
| PHOTO_CREATE_FAILED               | The creation of the photo failed due to Telegram having internal problems. Please try again later          |
| POSTPONED_TIMEOUT                 | Telegram is having internal problems. Please try again later   |
| PTS_CHANGE_EMPTY                  | No PTS change  |
| RANDOM_ID_DUPLICATE               | You provided a random ID that was already used   |
| REG_ID_GENERATE_FAILED            | The registration id failed to generate due to Telegram having internal problems. Please try again later    |
| RPC_CALL_FAIL                     | Telegram is having internal problems. Please try again later   |
| RPC_CONNECT_FAILED                | Telegram is having internal problems. Please try again later   |
| RPC_MCGET_FAIL                    | Telegram is having internal problems. Please try again later   |
| SIGN_IN_FAILED                    | Failure while signing in due to Telegram having internal problems. Please try again later                  |
| STORAGE_CHECK_FAILED              | Server storage check failed due to Telegram having internal problems. Please try again later               |
| STORE_INVALID_SCALAR_TYPE         | Telegram is having internal problems. Please try again later   |
| UNKNOWN_METHOD                    | The method you tried to call cannot be called on non-CDN DCs   |
| UPLOAD_NO_VOLUME                  | Telegram is having internal problems. Please try again later   |
| VOLUME_LOC_NOT_FOUND              | Telegram is having internal problems. Please try again later   |
| WORKER_BUSY_TOO_LONG_RETRY        | Server workers are too busy right now due to Telegram having internal problems. Please try again later     |
| WP_ID_GENERATE_FAILED             | Telegram is having internal problems. Please try again later   |

### 2.3.18 Update Filters

Filters are objects that can be used to filter the content of incoming updates. [Read more about how filters work.](#)

### Details

`hydrogram.filters.create(func: Callable, name: str | None = None, **kwargs) → Filter`

Easily create a custom filter.

Custom filters give you extra control over which updates are allowed or not to be processed by your handlers.

#### Parameters

- **func** (Callable) – A function that accepts three positional arguments (*filter*, *client*, *update*) and returns a boolean: True if the update should be handled, False otherwise. The *filter* argument refers to the filter itself and can be used to access keyword arguments (read below). The *client* argument refers to the [Client](#) that received the update. The *update* argument type will vary depending on which [Handler](#) is coming from. For example, in a [MessageHandler](#) the *update* argument will be a [Message](#); in a [CallbackQueryHandler](#) the *update* will be a [CallbackQuery](#). Your function body can then access the incoming update attributes and decide whether to allow it or not.
- **name** (str, optional) – Your filter’s name. Can be anything you like. Defaults to “Custom-Filter”.
- **\*\*kwargs** (any, optional) – Any keyword argument you would like to pass. Useful when creating parameterized custom filters, such as [command\(\)](#) or [regex\(\)](#).

`hydrogram.filters.all = <hydrogram.filters.all_filter object>`

Filter all messages.

`hydrogram.filters.me = <hydrogram.filters.me_filter object>`

Filter messages generated by you yourself.

`hydrogram.filters.bot = <hydrogram.filters.bot_filter object>`

Filter messages coming from bots.

`hydrogram.filters.incoming = <hydrogram.filters.incoming_filter object>`

Filter incoming messages. Messages sent to your own chat (Saved Messages) are also recognised as incoming.

`hydrogram.filters.outgoing = <hydrogram.filters.outgoing_filter object>`

Filter outgoing messages. Messages sent to your own chat (Saved Messages) are not recognized as outgoing.

`hydrogram.filters.text = <hydrogram.filters.text_filter object>`

Filter text messages.

`hydrogram.filters.reply = <hydrogram.filters.reply_filter object>`

Filter messages that are replies to other messages.

`hydrogram.filters.forwarded = <hydrogram.filters.forwarded_filter object>`

Filter messages that are forwarded.

`hydrogram.filters.caption = <hydrogram.filters.caption_filter object>`

Filter media messages that contain captions.

`hydrogram.filters.audio = <hydrogram.filters.audio_filter object>`

Filter messages that contain [Audio](#) objects.

`hydrogram.filters.document = <hydrogram.filters.document_filter object>`

Filter messages that contain [Document](#) objects.

`hydrogram.filters.photo = <hydrogram.filters.photo_filter object>`

Filter messages that contain [Photo](#) objects.

`hydrogram.filters.sticker` = `<hydrogram.filters.sticker_filter object>`  
 Filter messages that contain *Sticker* objects.

`hydrogram.filters.animation` = `<hydrogram.filters.animation_filter object>`  
 Filter messages that contain *Animation* objects.

`hydrogram.filters.game` = `<hydrogram.filters.game_filter object>`  
 Filter messages that contain *Game* objects.

`hydrogram.filters.video` = `<hydrogram.filters.video_filter object>`  
 Filter messages that contain *Video* objects.

`hydrogram.filters.media_group` = `<hydrogram.filters.media_group_filter object>`  
 Filter messages containing photos or videos being part of an album.

`hydrogram.filters.voice` = `<hydrogram.filters.voice_filter object>`  
 Filter messages that contain *Voice* note objects.

`hydrogram.filters.video_note` = `<hydrogram.filters.video_note_filter object>`  
 Filter messages that contain *VideoNote* objects.

`hydrogram.filters.contact` = `<hydrogram.filters.contact_filter object>`  
 Filter messages that contain *Contact* objects.

`hydrogram.filters.location` = `<hydrogram.filters.location_filter object>`  
 Filter messages that contain *Location* objects.

`hydrogram.filters.venue` = `<hydrogram.filters.venue_filter object>`  
 Filter messages that contain *Venue* objects.

`hydrogram.filters.web_page` = `<hydrogram.filters.web_page_filter object>`  
 Filter messages sent with a webpage preview.

`hydrogram.filters.poll` = `<hydrogram.filters.poll_filter object>`  
 Filter messages that contain *Poll* objects.

`hydrogram.filters.dice` = `<hydrogram.filters.dice_filter object>`  
 Filter messages that contain *Dice* objects.

`hydrogram.filters.media_spoiler` = `<hydrogram.filters.media_spoiler_filter object>`  
 Filter media messages that contain a spoiler.

`hydrogram.filters.private` = `<hydrogram.filters.private_filter object>`  
 Filter messages sent in private chats.

`hydrogram.filters.group` = `<hydrogram.filters.group_filter object>`  
 Filter messages sent in group or supergroup chats.

`hydrogram.filters.channel` = `<hydrogram.filters.channel_filter object>`  
 Filter messages sent in channels.

`hydrogram.filters.new_chat_members` = `<hydrogram.filters.new_chat_members_filter object>`  
 Filter service messages for new chat members.

`hydrogram.filters.left_chat_member` = `<hydrogram.filters.left_chat_member_filter object>`  
 Filter service messages for members that left the chat.

`hydrogram.filters.new_chat_title = <hydrogram.filters.new_chat_title_filter object>`

Filter service messages for new chat titles.

`hydrogram.filters.new_chat_photo = <hydrogram.filters.new_chat_photo_filter object>`

Filter service messages for new chat photos.

`hydrogram.filters.delete_chat_photo = <hydrogram.filters.delete_chat_photo_filter object>`

Filter service messages for deleted photos.

`hydrogram.filters.group_chat_created = <hydrogram.filters.group_chat_created_filter object>`

Filter service messages for group chat creations.

`hydrogram.filters.supergroup_chat_created = <hydrogram.filters.supergroup_chat_created_filter object>`

Filter service messages for supergroup chat creations.

`hydrogram.filters.channel_chat_created = <hydrogram.filters.channel_chat_created_filter object>`

Filter service messages for channel chat creations.

`hydrogram.filters.migrate_to_chat_id = <hydrogram.filters.migrate_to_chat_id_filter object>`

Filter service messages that contain `migrate_to_chat_id`.

`hydrogram.filters.migrate_from_chat_id = <hydrogram.filters.migrate_from_chat_id_filter object>`

Filter service messages that contain `migrate_from_chat_id`.

`hydrogram.filters.pinned_message = <hydrogram.filters.pinned_message_filter object>`

Filter service messages for pinned messages.

`hydrogram.filters.game_high_score = <hydrogram.filters.game_high_score_filter object>`

Filter service messages for game high scores.

`hydrogram.filters.reply_keyboard = <hydrogram.filters.reply_keyboard_filter object>`

Filter messages containing reply keyboard markups

`hydrogram.filters.inline_keyboard = <hydrogram.filters.inline_keyboard_filter object>`

Filter messages containing inline keyboard markups

`hydrogram.filters.mentioned = <hydrogram.filters.mentioned_filter object>`

Filter messages containing mentions

`hydrogram.filters.via_bot = <hydrogram.filters.via_bot_filter object>`

Filter messages sent via inline bots

`hydrogram.filters.video_chat_started = <hydrogram.filters.video_chat_started_filter object>`

Filter messages for started video chats

`hydrogram.filters.video_chat_ended = <hydrogram.filters.video_chat_ended_filter object>`

Filter messages for ended video chats

`hydrogram.filters.video_chat_members_invited = <hydrogram.filters.video_chat_members_invited_filter object>`

Filter messages for voice chat invited members

`hydrogram.filters.service = <hydrogram.filters.service_filter object>`

Filter service messages.

A service message contains any of the following fields set: *left\_chat\_member*, *new\_chat\_title*, *new\_chat\_photo*, *delete\_chat\_photo*, *group\_chat\_created*, *supergroup\_chat\_created*, *channel\_chat\_created*, *migrate\_to\_chat\_id*, *migrate\_from\_chat\_id*, *pinned\_message*, *game\_score*, *video\_chat\_started*, *video\_chat\_ended*, *video\_chat\_members\_invited*.

`hydrogram.filters.media = <hydrogram.filters.media_filter object>`

Filter media messages.

A media message contains any of the following fields set: *audio*, *document*, *photo*, *sticker*, *video*, *animation*, *voice*, *video\_note*, *contact*, *location*, *venue*, *poll*.

`hydrogram.filters.scheduled = <hydrogram.filters.scheduled_filter object>`

Filter messages that have been scheduled (not yet sent).

`hydrogram.filters.from_scheduled = <hydrogram.filters.from_scheduled_filter object>`

Filter new automatically sent messages that were previously scheduled.

`hydrogram.filters.linked_channel = <hydrogram.filters.linked_channel_filter object>`

Filter messages that are automatically forwarded from the linked channel to the group chat.

`hydrogram.filters.command(commands: str | list[str], prefixes: str | list[str] = '/', case_sensitive: bool = False)`

Filter commands, i.e.: text messages starting with “/” or any other custom prefix.

#### Parameters

- **commands** (str | list) – The command or list of commands as string the filter should look for. Examples: “start”, [“start”, “help”, “settings”]. When a message text containing a command arrives, the command itself and its arguments will be stored in the *command* field of the *Message*.
- **prefixes** (str | list, optional) – A prefix or a list of prefixes as string the filter should look for. Defaults to “/” (slash). Examples: “:”, “!”, [“/”, “!”, “.”], list(“.:!”). Pass None or “” (empty string) to allow commands with no prefix at all.
- **case\_sensitive** (bool, optional) – Pass True if you want your command(s) to be case sensitive. Defaults to False. Examples: when True, command=“Start” would trigger /Start but not /start.

`hydrogram.filters.regex(pattern: str | Pattern, flags: int = 0)`

Filter updates that match a given regular expression pattern.

Can be applied to handlers that receive one of the following updates:

- *Message*: The filter will match text or caption.
- *CallbackQuery*: The filter will match data.
- *InlineQuery*: The filter will match query.

When a pattern matches, all the *Match Objects* are stored in the *matches* field of the update object itself.

#### Parameters

- **pattern** (str | Pattern) – The regex pattern as string or as pre-compiled pattern.
- **flags** (int, optional) – Regex flags.

```
class hydrogram.filters.user(users: int | str | list[int | str] | None = None)
```

Filter messages coming from one or more users.

You can use [set bound methods](#) to manipulate the users container.

#### Parameters

**users** (int | str | list) – Pass one or more user ids/usernames to filter users. For you yourself, “me” or “self” can be used as well. Defaults to None (no users).

```
class hydrogram.filters.chat(chats: int | str | list[int | str] | None = None)
```

Filter messages coming from one or more chats.

You can use [set bound methods](#) to manipulate the chats container.

#### Parameters

**chats** (int | str | list) – Pass one or more chat ids/usernames to filter chats. For your personal cloud (Saved Messages) you can simply use “me” or “self”. Defaults to None (no chats).

## 2.3.19 Using Filters

So far we’ve seen [how to register a callback function](#) that executes every time an update comes from the server, but there’s much more than that to come.

Here we’ll discuss about [filters](#). Filters enable a fine-grain control over what kind of updates are allowed or not to be passed in your callback functions, based on their inner details.

---

### Single Filters

Let’s start right away with a simple example:

- This example will show you how to **only** handle messages containing a [Sticker](#) object and ignore any other message. Filters are passed as the first argument of the decorator:

```
from hydrogram import filters

@app.on_message(filters.sticker)
async def my_handler(client, message):
    print(message)
```

- or, without decorators. Here filters are passed as the second argument of the handler constructor; the first is the callback function itself:

```
from hydrogram import filters
from hydrogram.handlers import MessageHandler

async def my_handler(client, message):
    print(message)

app.add_handler(MessageHandler(my_handler, filters.sticker))
```



## Combining Filters

Filters can be used in a more advanced way by inverting and combining more filters together using bitwise operators `~`, `&` and `|`:

- Use `~` to invert a filter (behaves like the `not` operator).
- Use `&` and `|` to merge two filters (behave like `and`, `or` operators respectively).

Here are some examples:

- Message is a **text** message **or** a **photo**.

```
@app.on_message(filters.text | filters.photo)
async def my_handler(client, message):
    print(message)
```

- Message is a **sticker** **and** is coming from a **channel** **or** a **private** chat.

```
@app.on_message(filters.sticker & (filters.channel | filters.private))
async def my_handler(client, message):
    print(message)
```

## Advanced Filters

Some filters, like `command()` or `regex()` can also accept arguments:

- Message is either a `/start` or `/help` **command**.

```
@app.on_message(filters.command(["start", "help"]))
async def my_handler(client, message):
    print(message)
```

- Message is a **text** message or a media **caption** matching the given **regex** pattern.

```
@app.on_message(filters.regex("hydrogram"))
async def my_handler(client, message):
    print(message)
```

More handlers using different filters can also live together.

```
@app.on_message(filters.command("start"))
async def start_command(client, message):
    print("This is the /start command")

@app.on_message(filters.command("help"))
async def help_command(client, message):
    print("This is the /help command")

@app.on_message(filters.chat("HydrogramChat"))
async def from_hydrogramchat(client, message):
    print("New message in @HydrogramChat")
```

## 2.3.20 Creating Filters

Hydrogram already provides lots of built-in *filters* to work with, but in case you can't find a specific one for your needs or want to build a custom filter by yourself you can use *filters.create()*.

---

### Custom Filters

An example to demonstrate how custom filters work is to show how to create and use one for the *CallbackQueryHandler*. Note that callback queries updates are only received by bots as result of a user pressing an inline button attached to the bot's message; create and *authorize your bot*, then send a message with an inline keyboard to yourself. This allows you to test your filter by pressing the inline button:

```
from hydrogram.types import InlineKeyboardMarkup, InlineKeyboardButton

await app.send_message(
    "username", # Change this to your username or id
    "Hydrogram custom filter test",
    reply_markup=InlineKeyboardMarkup(
        [[InlineKeyboardButton("Press me", "hydrogram")]]
    )
)
```

### Basic Filters

For this basic filter we will be using only the first parameter of *create()*.

The heart of a filter is its callback function, which accepts three arguments (*self*, *client*, *update*) and returns either True, in case you want the update to pass the filter or False otherwise.

In this example we are matching the query data to “hydrogram”, which means that the filter will only allow callback queries containing “hydrogram” as data:

```
from hydrogram import filters

async def func(_, __, query):
    return query.data == "hydrogram"

static_data_filter = filters.create(func)
```

The first two arguments of the callback function are unused here and because of this we named them using underscores.

Finally, the filter usage remains the same:

```
@app.on_callback_query(static_data_filter)
async def hydrogram_data(_, query):
    query.answer("it works!")
```

## Filters with Arguments

A more flexible filter would be one that accepts “hydrogram” or any other string as argument at usage time. A dynamic filter like this will make use of named arguments for the `create()` method and the first argument of the callback function, which is a reference to the filter object itself holding the extra data passed via named arguments.

This is how a dynamic custom filter looks like:

```
from hydrogram import filters

def dynamic_data_filter(data):
    async def func(flt, _, query):
        return flt.data == query.data

    # "data" kwarg is accessed with "flt.data" above
    return filters.create(func, data=data)
```

And finally its usage:

```
@app.on_callback_query(dynamic_data_filter("hydrogram"))
async def hydrogram_data(_, query):
    query.answer("it works!")
```

## Method Calls Inside Filters

The missing piece we haven’t covered yet is the second argument of a filter callback function, namely, the `client` argument. This is a reference to the `Client` instance that is running the filter and it is useful in case you would like to make some API calls before deciding whether the filter should allow the update or not:

```
async def func(_, client, query):
    # r = await client.some_api_method()
    # check response "r" and decide to return True or False
    ...
```

## 2.3.21 More on Updates

Here we’ll show some advanced usages when working with *update handlers* and *filters*.

### Handler Groups

If you register handlers with overlapping (conflicting) filters, only the first one is executed and any other handler will be ignored. This is intended by design.

In order to handle the very same update more than once, you have to register your handler in a different dispatching group. Dispatching groups hold one or more handlers and are processed sequentially, they are identified by a number (number 0 being the default) and sorted, that is, a lower group number has a higher priority:

For example, take these two handlers:

```
@app.on_message(filters.text | filters.sticker)
async def text_or_sticker(client, message):
    print("Text or Sticker")

@app.on_message(filters.text)
async def just_text(client, message):
    print("Just Text")
```

Here, `just_text` is never executed because `text_or_sticker`, which has been registered first, already handles texts (`filters.text` is shared and conflicting). To enable it, register the handler using a different group:

```
@app.on_message(filters.text, group=1)
async def just_text(client, message):
    print("Just Text")
```

Or, if you want `just_text` to be executed *before* `text_or_sticker` (note `-1`, which is less than `0`):

```
@app.on_message(filters.text, group=-1)
async def just_text(client, message):
    print("Just Text")
```

With `add_handler()` (without decorators) the same can be achieved with:

```
app.add_handler(MessageHandler(just_text, filters.text), -1)
```

## Update propagation

Registering multiple handlers, each in a different group, becomes useful when you want to handle the same update more than once. Any incoming update will be sequentially processed by all of your registered functions by respecting the groups priority policy described above. Even in case any handler raises an unhandled exception, Hydrogram will still continue to propagate the same update to the next groups until all the handlers are done. Example:

```
@app.on_message(filters.private)
async def _(client, message):
    print(0)

@app.on_message(filters.private, group=1)
async def _(client, message):
    raise Exception("Unhandled exception!") # Simulate an unhandled exception

@app.on_message(filters.private, group=2)
async def _(client, message):
    print(2)
```

All these handlers will handle the same kind of messages, that are, messages sent or received in private chats. The output for each incoming update will therefore be:

```
0
Exception: Unhandled exception!
2
```

## Stop Propagation

In order to prevent further propagation of an update in the dispatching phase, you can do *one* of the following:

- Call the update's bound-method `.stop_propagation()` (preferred way).
- Manually raise `StopPropagation` exception (more suitable for raw updates only).

**Note:** Internally, the propagation is stopped by handling a custom exception. `.stop_propagation()` is just an elegant and intuitive way to raise `StopPropagation`; this also means that any code coming *after* calling the method won't be executed as your function just raised an exception to signal the dispatcher not to propagate the update anymore.

Example with `stop_propagation()`:

```
@app.on_message(filters.private)
async def _(client, message):
    print(0)

@app.on_message(filters.private, group=1)
async def _(client, message):
    print(1)
    message.stop_propagation()

@app.on_message(filters.private, group=2)
async def _(client, message):
    print(2)
```

Example with `raise StopPropagation`:

```
from hydrogram import StopPropagation

@app.on_message(filters.private)
async def _(client, message):
    print(0)

@app.on_message(filters.private, group=1)
async def _(client, message):
    print(1)
    raise StopPropagation

@app.on_message(filters.private, group=2)
async def _(client, message):
    print(2)
```

Each handler is registered in a different group, but the handler in group number 2 will never be executed because the propagation was stopped earlier. The output of both (equivalent) examples will be:

```
0
1
```

## Continue Propagation

As opposed to *stopping the update propagation* and also as an alternative to the *handler groups*, you can signal the internal dispatcher to continue the update propagation within **the same group** despite having conflicting filters in the next registered handler. This allows you to register multiple handlers with overlapping filters in the same group; to let the dispatcher process the next handler you can do *one* of the following in each handler you want to grant permission to continue:

- Call the update's bound-method `.continue_propagation()` (preferred way).
- Manually raise `ContinuePropagation` exception (more suitable for raw updates only).

---

**Note:** Internally, the propagation is continued by handling a custom exception. `.continue_propagation()` is just an elegant and intuitive way to raise `ContinuePropagation`; this also means that any code coming *after* calling the method won't be executed as your function just raised an exception to signal the dispatcher to continue with the next available handler.

---

Example with `continue_propagation()`:

```
@app.on_message(filters.private)
async def _(client, message):
    print(0)
    message.continue_propagation()

@app.on_message(filters.private)
async def _(client, message):
    print(1)
    message.continue_propagation()

@app.on_message(filters.private)
async def _(client, message):
    print(2)
```

Example with raise `ContinuePropagation`:

```
from hydrogram import ContinuePropagation

@app.on_message(filters.private)
async def _(client, message):
    print(0)
    raise ContinuePropagation

@app.on_message(filters.private)
async def _(client, message):
    print(1)
    raise ContinuePropagation

@app.on_message(filters.private)
async def _(client, message):
    print(2)
```

Three handlers are registered in the same group, and all of them will be executed because the propagation was continued in each handler (except in the last one, where is useless to do so since there is no more handlers after). The output of both (equivalent) examples will be:

```
0
1
2
```

### 2.3.22 Client Settings

You can control the way your client appears in the Active Sessions menu of an official client by changing some client settings. By default you will see something like the following:

- Device Model: CPython x.y.z
- Application: Hydrogram x.y.z
- System Version: Linux x.y.z

#### Set Custom Values

To set custom values, you can pass the arguments directly in the Client's constructor.

```
app = Client(
    "my_account",
    app_version="1.2.3",
    device_model="PC",
    system_version="Linux"
)
```

#### Set Custom Languages

To tell Telegram in which language should speak to you (terms of service, bots, service messages, ...) you can set `lang_code` in ISO 639-1 standard (defaults to "en", English).

With the following code we make Telegram know we want it to speak in Italian (it):

```
app = Client(
    "my_account",
    lang_code="it",
)
```

### 2.3.23 Speedups

Hydrogram's speed can be boosted up by using TgCrypto and uvloop.

---

#### TgCrypto

TgCrypto is a high-performance, easy-to-install cryptography library specifically written in C for Hydrogram as a Python extension. It is a replacement for a slower Python-only alternative and implements the cryptographic algorithms Telegram requires, namely: AES-256-IGE, AES-256-CTR and AES-256-CBC.

#### Installation

```
$ pip3 install -U tgcrypto
```

#### Usage

Hydrogram will automatically make use of TgCrypto when detected, all you need to do is to install it.

#### uvloop

uvloop is a fast, drop-in replacement of the built-in asyncio event loop. uvloop is implemented in Cython and uses libuv under the hood. It makes asyncio 2-4x faster.

#### Installation

```
$ pip3 install -U uvloop
```

#### Usage

Call `uvloop.install()` before calling `asyncio.run()` or `app.run()`.

```
import asyncio
import uvloop

from hydrogram import Client

async def main():
    app = Client("my_account")

    async with app:
        print(await app.get_me())

uvloop.install()
asyncio.run(main())
```



The `uvloop.install()` call also needs to be placed before creating a `Client` instance.

```
import uvloop
from hydrogram import Client

uvloop.install()

app = Client("my_account")

@app.on_message()
async def hello(client, message):
    print(await client.get_me())

app.run()
```

### 2.3.24 Text Formatting

Hydrogram uses a custom Markdown dialect for text formatting which adds some unique features that make writing styled texts easier in both Markdown and HTML. You can send sophisticated text messages and media captions using a variety of decorations that can also be nested in order to combine multiple styles together.

#### Basic Styles

When formatting your messages, you can choose between Markdown-style, HTML-style or both (default). The following is a list of the basic styles currently supported by Hydrogram.

- **bold**
- *italic*
- strike
- underline
- spoiler
- text URL
- user text mention
- inline fixed-width code
- pre-formatted  
fixed-width  
code block

## Markdown Style

To strictly use this mode, pass `MARKDOWN` to the `parse_mode` parameter when using `send_message()`. Use the following syntax in your message:

```
**bold**

__italic__

--underline--

~~strike~~

||spoiler||

[text URL](https://hydrogram.org/)

[text user mention](tg://user?id=123456789)

`inline fixed-width code`

```
pre-formatted
  fixed-width
    code block
```
```

### Example:

```
from hydrogram import enums

await app.send_message(
    "me",
    (
        "**bold**", "
        __italic__, "
        --underline--, "
        ~~strike~~, "
        ||spoiler||, "
        [URL](https://hydrogram.org), "
        ``code``, "
        ""
        "for i in range(10):\n"
        "    print(i)"
        ""
    ),
    parse_mode=enums.ParseMode.MARKDOWN
)
```

## HTML Style

To strictly use this mode, pass HTML to the `parse_mode` parameter when using `send_message()`. The following tags are currently supported:

```
<b>bold</b>, <strong>bold</strong>

<i>italic</i>, <em>italic</em>

<u>underline</u>

<s>strike</s>, <del>strike</del>, <strike>strike</strike>

<spoiler>spoiler</spoiler>

<a href="https://hydrogram.org/">text URL</a>

<a href="tg://user?id=123456789">inline mention</a>

<code>inline fixed-width code</code>

<emoji id="12345678901234567890"></emoji>

<pre>
pre-formatted
  fixed-width
    code block
</pre>
```

**Example:**

```
from hydrogram import enums

await app.send_message(
    "me",
    (
        "<b>bold</b>, "
        "<i>italic</i>, "
        "<u>underline</u>, "
        "<s>strike</s>, "
        "<spoiler>spoiler</spoiler>, "
        "<a href=\"https://hydrogram.org/\">URL</a>, "
        "<code>code</code>\n\n"
        "<pre>"
        "for i in range(10):\n"
        "    print(i)"
        "</pre>"
    ),
    parse_mode=enums.ParseMode.HTML
)
```

**Note:** All `<`, `>` and `&` symbols that are not a part of a tag or an HTML entity must be replaced with the corresponding HTML entities (`<` with `&lt;`; `>` with `&gt;`; and `&` with `&amp;`). You can use this snippet to quickly escape those

characters:

```
import html

text = "<my text>"
text = html.escape(text)

print(text)
```

```
&lt;my text&gt;
```

### Different Styles

By default, when ignoring the *parse\_mode* parameter, both Markdown and HTML styles are enabled together. This means you can combine together both syntaxes in the same text:

```
await app.send_message("me", "**bold**, <i>italic</i>")
```

Result:

**bold**, *italic*

If you don't like this behaviour you can always choose to only enable either Markdown or HTML in strict mode by passing `MARKDOWN` or `HTML` as argument to the *parse\_mode* parameter.

```
from hydrogram import enums

await app.send_message("me", "**bold**, <i>italic</i>", parse_mode=enums.ParseMode.
↳ MARKDOWN)
await app.send_message("me", "**bold**, <i>italic</i>", parse_mode=enums.ParseMode.HTML)
```

Result:

**bold**, <i>italic</i>

**bold**, *italic*

In case you want to completely turn off the style parser, simply pass `DISABLED` to *parse\_mode*. The text will be sent as-is.

```
from hydrogram import enums

await app.send_message("me", "**bold**, <i>italic</i>", parse_mode=enums.ParseMode.
↳ DISABLED)
```

Result:

**bold**, <i>italic</i>

## Nested and Overlapping Entities

You can also style texts with more than one decoration at once by nesting entities together. For example, you can send a text message with both bold and underline styles, or a text that has both italic and strike styles, and you can still combine both Markdown and HTML together.

Here there are some example texts you can try sending:

### Markdown:

- `**bold, --underline--**`
- `**bold __italic --underline ~~strike~~--__**`
- `**bold __and** italic__`

### HTML:

- `<b>bold, <u>underline</u></b>`
- `<b>bold <i>italic <u>underline <s>strike</s></u></i></b>`
- `<b>bold <i>and</b> italic</i>`

### Combined:

- `--you can combine <i>HTML</i> with **Markdown**--`
- `**and also <i>overlap** --entities</i> this way--`

## 2.3.25 Synchronous Usage

Hydrogram is an asynchronous framework and as such is subject to the asynchronous rules. It can, however, run in synchronous mode (also known as non-asynchronous or sync/non-async for short). This mode exists mainly as a convenience way for invoking methods without the need of `async/await` keywords and the extra boilerplate, but **it's not the intended way to use the framework**.

You can use Hydrogram in this synchronous mode when you want to write something short and contained without the async boilerplate or in case you want to combine Hydrogram with other libraries that are not async.

**Warning:** You have to be very careful when using the framework in its synchronous, non-native form, especially when combined with other non-async libraries because thread blocking operations that clog the asynchronous event loop underneath will make the program run erratically.

## Synchronous Invocations

The following is a standard example of running asynchronous functions with Python's `asyncio`. Hydrogram is being used inside the main function with its asynchronous interface.

```
import asyncio
from hydrogram import Client

async def main():
    app = Client("my_account")
```

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```
    async with app:
        await app.send_message("me", "Hi!")

asyncio.run(main())
```

To run Hydrogram synchronously, use the non-async context manager as shown in the following example. As you can see, the non-async example becomes less cluttered.

```
from hydrogram import Client

app = Client("my_account")

with app:
    app.send_message("me", "Hi!")
```

### Synchronous handlers

You can also have synchronous handlers; you only need to define the callback function without using `async def` and invoke API methods by not placing `await` in front of them. Mixing `def` and `async def` handlers together is also possible.

```
@app.on_message()
async def handler1(client, message):
    await message.forward("me")

@app.on_edited_message()
def handler2(client, message):
    message.forward("me")
```

### uvloop usage

When using Hydrogram in its synchronous mode combined with `uvloop`, you need to call `uvloop.install()` before importing Hydrogram.

```
import uvloop
uvloop.install()

from hydrogram import Client

...
```

### 2.3.26 Smart Plugins

Hydrogram embeds a smart, lightweight yet powerful plugin system that is meant to further simplify the organization of large projects and to provide a way for creating pluggable (modular) components that can be easily shared across different Hydrogram applications with minimal boilerplate code.

---

**Tip:** Smart Plugins are completely optional and disabled by default.

---

#### Introduction

Prior to the Smart Plugin system, pluggable handlers were already possible. For example, if you wanted to modularize your applications, you had to put your function definitions in separate files and register them inside your main script after importing your modules, like this:

---

**Note:** This is an example application that replies in private chats with two messages: one containing the same text message you sent and the other containing the reversed text message.

Example: “Hydrogram” replies with “Hydrogram” and “margoryP”

---

```
myproject/
  handlers.py
  main.py
```

- handlers.py

```
async def echo(client, message):
    await message.reply(message.text)

async def echo_reversed(client, message):
    await message.reply(message.text[::-1])
```

- main.py

```
from hydrogram import Client, filters
from hydrogram.handlers import MessageHandler

from handlers import echo, echo_reversed

app = Client("my_account")

app.add_handler(
    MessageHandler(
        echo,
        filters.text & filters.private))

app.add_handler(
    MessageHandler(
        echo_reversed,
```

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```
        filters.text & filters.private),
        group=1)

app.run()
```

This is already nice and doesn't add *too much* boilerplate code, but things can get boring still; you have to manually import, manually `add_handler()` and manually instantiate each `MessageHandler` object because you can't use decorators for your functions. So, what if you could? Smart Plugins solve this issue by taking care of handlers registration automatically.

## Using Smart Plugins

Setting up your Hydrogram project to accommodate Smart Plugins is pretty straightforward:

1. Create a new folder to store all the plugins (e.g.: "plugins", "handlers", ...).
2. Put your python files full of plugins inside. Organize them as you wish.
3. Enable plugins in your Client.

---

**Note:** This is the same example application as shown above, written using the Smart Plugin system.

---

```
myproject/
  plugins/
    handlers.py
    main.py
```

- plugins/handlers.py

```
from hydrogram import Client, filters

@Client.on_message(filters.text & filters.private)
async def echo(client, message):
    await message.reply(message.text)

@Client.on_message(filters.text & filters.private, group=1)
async def echo_reversed(client, message):
    await message.reply(message.text[::-1])
```

- main.py

```
from hydrogram import Client

plugins = dict(root="plugins")

Client("my_account", plugins=plugins).run()
```

The first important thing to note is the new `plugins` folder. You can put *any python file* in *any subfolder* and each file can contain *any decorated function* (handlers) with one limitation: within a single module (file) you must use different names for each decorated function.



The second thing is telling Hydrogram where to look for your plugins: you can use the Client parameter “plugins”; the *root* value must match the name of your plugins root folder. Your Hydrogram Client instance will **automatically** scan the folder upon starting to search for valid handlers and register them for you.

Then you’ll notice you can now use decorators. That’s right, you can apply the usual decorators to your callback functions in a static way, i.e. **without having the Client instance around**: simply use @Client (Client class) instead of the usual @app (Client instance) and things will work just the same.

## Specifying the Plugins to include

By default, if you don’t explicitly supply a list of plugins, every valid one found inside your plugins root folder will be included by following the alphabetical order of the directory structure (files and subfolders); the single handlers found inside each module will be, instead, loaded in the order they are defined, from top to bottom.

---

**Note:** Remember: there can be at most one handler, within a group, dealing with a specific update. Plugins with overlapping filters included a second time will not work, by design. Learn more at [More on Updates](#).

---

This default loading behaviour is usually enough, but sometimes you want to have more control on what to include (or exclude) and in which exact order to load plugins. The way to do this is to make use of `include` and `exclude` directives in the dictionary passed as Client argument. Here’s how they work:

- If both `include` and `exclude` are omitted, all plugins are loaded as described above.
- If `include` is given, only the specified plugins will be loaded, in the order they are passed.
- If `exclude` is given, the plugins specified here will be unloaded.

The `include` and `exclude` value is a **list of strings**. Each string containing the path of the module relative to the plugins root folder, in Python notation (dots instead of slashes).

E.g.: `subfolder.module` refers to `plugins/subfolder/module.py`, with `root="plugins"`.

You can also choose the order in which the single handlers inside a module are loaded, thus overriding the default top-to-bottom loading policy. You can do this by appending the name of the functions to the module path, each one separated by a blank space.

E.g.: `subfolder.module fn2 fn1 fn3` will load `fn2`, `fn1` and `fn3` from `subfolder.module`, in this order.

## Examples

Given this plugins folder structure with three modules, each containing their own handlers (`fn1`, `fn2`, etc...), which are also organized in subfolders:

```
myproject/
  plugins/
    subfolder1/
      plugins1.py
        - fn1
        - fn2
        - fn3
    subfolder2/
      plugins2.py
    ...
  plugins0.py
```

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...

...

- Load every handler from every module, namely *plugins0.py*, *plugins1.py* and *plugins2.py* in alphabetical order (files) and definition order (handlers inside files):

```
plugins = dict(root="plugins")

Client("my_account", plugins=plugins).run()
```

- Load only handlers defined inside *plugins2.py* and *plugins0.py*, in this order:

```
plugins = dict(
    root="plugins",
    include=[
        "subfolder2.plugins2",
        "plugins0"
    ]
)

Client("my_account", plugins=plugins).run()
```

- Load everything except the handlers inside *plugins2.py*:

```
plugins = dict(
    root="plugins",
    exclude=["subfolder2.plugins2"]
)

Client("my_account", plugins=plugins).run()
```

- Load only *fn3*, *fn1* and *fn2* (in this order) from *plugins1.py*:

```
plugins = dict(
    root="plugins",
    include=["subfolder1.plugins1 fn3 fn1 fn2"]
)

Client("my_account", plugins=plugins).run()
```

## Load/Unload Plugins at Runtime

In the previous section we've explained how to specify which plugins to load and which to ignore before your Client starts. Here we'll show, instead, how to unload and load again a previously registered plugin at runtime.

Each function decorated with the usual `on_message` decorator (or any other decorator that deals with Telegram updates) will be modified in such a way that a special `handlers` attribute pointing to a list of tuples of (*handler*: *Handler*, *group*: *int*) is attached to the function object itself.

- *plugins/handlers.py*

```
@Client.on_message(filters.text & filters.private)
async def echo(client, message):
```

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```

    await message.reply(message.text)

print(echo)
print(echo.handlers)

```

- Printing `echo` will show something like `<function echo at 0x10e3b6598>`.
- Printing `echo.handlers` will reveal the handlers, that is, a list of tuples containing the actual handlers and the groups they were registered on [`(<MessageHandler object at 0x10e3abc50>, 0)`].

## Unloading

In order to unload a plugin, all you need to do is obtain a reference to it by importing the relevant module and call `remove_handler()` Client's method with your function's *handler* instance:

- `main.py`

```

from plugins.handlers import echo

handlers = echo.handlers

for h in handlers:
    app.remove_handler(*h)

```

The star `*` operator is used to unpack the tuple into positional arguments so that `remove_handler` will receive exactly what is needed. The same could have been achieved with:

```

handlers = echo.handlers
handler, group = handlers[0]

app.remove_handler(handler, group)

```

## Loading

Similarly to the unloading process, in order to load again a previously unloaded plugin you do the same, but this time using `add_handler()` instead. Example:

- `main.py`

```

from plugins.handlers import echo

...

handlers = echo.handlers

for h in handlers:
    app.add_handler(*h)

```

## 2.3.27 Storage Engines

Every time you login to Telegram, some personal piece of data are created and held by both parties (the client, Hydrogram and the server, Telegram). This session data is uniquely bound to your own account, indefinitely (until you logout or decide to manually terminate it) and is used to authorize a client to execute API calls on behalf of your identity.

---

### Persisting Sessions

In order to make a client reconnect successfully between restarts, that is, without having to start a new authorization process from scratch each time, Hydrogram needs to store the generated session data somewhere.

### Different Storage Engines

Hydrogram offers two different types of storage engines: a **File Storage** and a **Memory Storage**. These engines are well integrated in the framework and require a minimal effort to set up. Here's how they work:

#### File Storage

This is the most common storage engine. It is implemented by using **SQLite**, which will store the session details. The database will be saved to disk as a single portable file and is designed to efficiently store and retrieve data whenever they are needed.

To use this type of engine, simply pass any name of your choice to the `name` parameter of the `Client` constructor, as usual:

```
from hydrogram import Client

async with Client("my_account") as app:
    print(await app.get_me())
```

Once you successfully log in (either with a user or a bot identity), a session file will be created and saved to disk as `my_account.session`. Any subsequent client restart will make Hydrogram search for a file named that way and the session database will be automatically loaded.

#### Memory Storage

In case you don't want to have any session file saved to disk, you can use an in-memory storage by passing `True` to the `in_memory` parameter of the `Client` constructor:

```
from hydrogram import Client

async with Client("my_account", in_memory=True) as app:
    print(await app.get_me())
```

This storage engine is still backed by SQLite, but the database exists purely in memory. This means that, once you stop a client, the entire database is discarded and the session details used for logging in again will be lost forever.

## Session Strings

In case you want to use an in-memory storage, but also want to keep access to the session you created, call `export_session_string()` anytime before stopping the client...

```
from hydrogram import Client

async with Client("my_account", in_memory=True) as app:
    print(await app.export_session_string())
```

...and save the resulting string. You can use this string by passing it as `Client` argument the next time you want to login using the same session; the storage used will still be in-memory:

```
from hydrogram import Client

session_string = "...ZnUIFD8jsjXTb8g_vpxx48k1zkov9sapD-tzjz-S4WZv70M..."

async with Client("my_account", session_string=session_string) as app:
    print(await app.get_me())
```

Session strings are useful when you want to run authorized Hydrogram clients on platforms where their ephemeral filesystems makes it harder for a file-based storage engine to properly work as intended.

## Custom Storages

If you want to use a custom storage engine, you can do so by implementing the `BaseStorage` class. This class is an abstract base class that defines the interface that all storage engines must implement.

An abstract base class is a class that cannot be instantiated, but can be used to define a common interface for its subclasses. In this case, the `BaseStorage` class defines the interface that all storage engines must implement.

Custom Storage can be defined in `Client` by passing `session_storage_engine` parameter with a `BaseStorage` subclass.

**class** `hydrogram.storage.base.BaseStorage`(*name: str*)

The `BaseStorage` class is an abstract base class that defines the interface for different storage engines used by Hydrogram.

### Parameters

**name** (str) – The name of the session.

**abstract async open()**

Opens the storage engine.

**abstract async save()**

Saves the current state of the storage engine.

**abstract async close()**

Closes the storage engine.

**abstract async delete()**

Deletes the storage.

**abstract async update\_peers**(*peers: list[tuple[int, int, str, str, str]]*)

Update the peers table with the provided information.

**Parameters**

**peers** (List[Tuple[int, int, str, str, str]]) – A list of tuples containing the information of the peers to be updated. Each tuple must contain the following information:

- int: The peer id.
- int: The peer access hash.
- str: The peer type (user, chat or channel).
- str: The peer username (if any).
- str: The peer phone number (if any).

**abstract async get\_peer\_by\_id**(*peer\_id: int*)

Retrieve a peer by its ID.

**Parameters**

**peer\_id** (int) – The ID of the peer to retrieve.

**abstract async get\_peer\_by\_username**(*username: str*)

Retrieve a peer by its username.

**Parameters**

**username** (str) – The username of the peer to retrieve.

**abstract async get\_peer\_by\_phone\_number**(*phone\_number: str*)

Retrieve a peer by its phone number.

**Parameters**

**phone\_number** (str) – The phone number of the peer to retrieve.

**abstract async dc\_id**(*value: int = <class 'object'>*)

Get or set the DC ID of the current session.

**Parameters**

**value** (int, *optional*) – The DC ID to set.

**abstract async api\_id**(*value: int = <class 'object'>*)

Get or set the API ID of the current session.

**Parameters**

**value** (int, *optional*) – The API ID to set.

**abstract async test\_mode**(*value: bool = <class 'object'>*)

Get or set the test mode of the current session.

**Parameters**

**value** (bool, *optional*) – The test mode to set.

**abstract async auth\_key**(*value: bytes = <class 'object'>*)

Get or set the authorization key of the current session.

**Parameters**

**value** (bytes, *optional*) – The authorization key to set.

**abstract async date**(*value: int = <class 'object'>*)

Get or set the date of the current session.

**Parameters**

**value** (int, *optional*) – The date to set.

**abstract async user\_id**(value: int = <class 'object'>)

Get or set the user ID of the current session.

**Parameters**

**value** (int, *optional*) – The user ID to set.

**abstract async is\_bot**(value: bool = <class 'object'>)

Get or set the bot flag of the current session.

**Parameters**

**value** (bool, *optional*) – The bot flag to set.

**async export\_session\_string**()

Exports the session string for the current session.

**Returns**

str – The session string for the current session.

## 2.3.28 Object Serialization

Serializing means converting a Hydrogram object, which exists as Python class instance, to a text string that can be easily shared and stored anywhere. Hydrogram provides two formats for serializing its objects: one good looking for humans and another more compact for machines that is able to recover the original structures.

### For Humans - str(obj)

If you want a nicely formatted, human readable JSON representation of any object in the API you can use `str(obj)`.

```
...

async with app:
    r = await app.get_chat("me")
    print(str(r))
```

**Tip:** When using `print()` you don't actually need to use `str()` on the object because it is called automatically, we have done that above just to show you how to explicitly convert a Hydrogram object to JSON.

### For Machines - repr(obj)

If you want to share or store objects for future references in a more compact way, you can use `repr(obj)`. While still pretty much readable, this format is not intended for humans. The advantage of this format is that once you serialize your object, you can use `eval()` to get back the original structure; just make sure to `import hydrogram`, as the process requires the package to be in scope.

```
import hydrogram

...

async with app:
```

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```
r = await app.get_chat("me")

print(repr(r))
print(eval(repr(r)) == r)  # True
```

---

**Note:** Type definitions are subject to changes between versions. You should make sure to store and load objects using the same Hydrogram version.

---

### 2.3.29 Proxy Settings

Hydrogram supports proxies with and without authentication. This feature allows Hydrogram to exchange data with Telegram through an intermediate SOCKS 4/5 or HTTP (CONNECT) proxy server.

---

#### Usage

To use Hydrogram with a proxy, use the *proxy* parameter in the Client class. If your proxy doesn't require authorization you can omit *username* and *password*.

```
from hydrogram import Client

proxy = {
    "scheme": "socks5", # "socks4", "socks5" and "http" are supported
    "hostname": "11.22.33.44",
    "port": 1234,
    "username": "username",
    "password": "password"
}

app = Client("my_account", proxy=proxy)

app.run()
```

### 2.3.30 Scheduling Tasks

Scheduling tasks means executing one or more functions periodically at pre-defined intervals or after a delay. This is useful, for example, to send recurring messages to specific chats or users.

This page will show examples on how to integrate Hydrogram with *apscheduler* in both asynchronous and non-asynchronous contexts. For more detailed information, you can visit and learn from the library documentation.

---



## Using apscheduler

- Install with pip3 `install apscheduler`
- Documentation: <https://apscheduler.readthedocs.io>

## Asynchronously

```
from apscheduler.schedulers.asyncio import AsyncIOScheduler

from hydrogram import Client

app = Client("my_account")

async def job():
    await app.send_message("me", "Hi!")

scheduler = AsyncIOScheduler()
scheduler.add_job(job, "interval", seconds=3)

scheduler.start()
app.run()
```

## Non-Asynchronously

```
from apscheduler.schedulers.background import BackgroundScheduler

from hydrogram import Client

app = Client("my_account")

def job():
    app.send_message("me", "Hi!")

scheduler = BackgroundScheduler()
scheduler.add_job(job, "interval", seconds=3)

scheduler.start()
app.run()
```

### 2.3.31 MTPROTO vs. Bot API

Hydrogram is a framework written from the ground up that acts as a fully-fledged Telegram client based on the MTPROTO API. This means that Hydrogram is able to execute any official client and bot API action and more. This page will therefore show you why Hydrogram might be a better choice for your project by comparing the two APIs, but first, let's make it clear what actually is the MTPROTO and the Bot API.

---

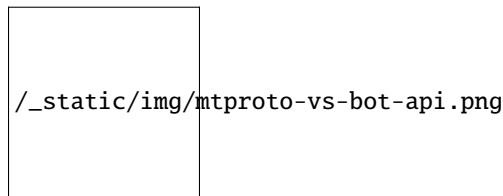
#### What is the MTPROTO API?

**MTPROTO**, took alone, is the name of the custom-made, open and encrypted communication protocol created by Telegram itself — it's the only protocol used to exchange information between a client and the actual Telegram servers.

The MTPROTO API on the other hand, is what people for convenience call the main Telegram API in order to distinguish it from the Bot API. The main Telegram API is able to authorize both users and bots and is built on top of the MTPROTO encryption protocol by means of **binary data serialized** in a specific way, as described by the **TL language**, and delivered using UDP, TCP or even HTTP as transport-layer protocol. Clients that make use of Telegram's main API, such as Hydrogram, implement all these details.

#### What is the Bot API?

The **Bot API** is an HTTP(S) interface for building normal bots using a sub-set of the main Telegram API. Bots are special accounts that are authorized via tokens instead of phone numbers. The Bot API is built yet again on top of the main Telegram API, but runs on an intermediate server application that in turn communicates with the actual Telegram servers using MTPROTO.



#### Advantages of the MTPROTO API

Here is a non-exhaustive list of all the advantages in using MTPROTO-based libraries – such as Hydrogram – instead of the official HTTP Bot API. Using Hydrogram you can:

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• + <b>Authorize both user and bot identities</b></li></ul>                           | <ul style="list-style-type: none"><li>• – The Bot API only allows bot accounts</li></ul>  |
| <ul style="list-style-type: none"><li>• + <b>Upload &amp; download any file, up to 2000 MiB each (~2 GB)</b></li></ul>      | <ul style="list-style-type: none"><li>files only up to 50 MB / 20 MB in size (respectively).</li></ul>                                |
| <ul style="list-style-type: none"><li>• – The Bot API allows uploads and downloads of</li></ul>                             |   |
| <ul style="list-style-type: none"><li>• + <b>Has less overhead due to direct connections to Telegram</b></li></ul>          | <ul style="list-style-type: none"><li>handle HTTP requests before they are sent to the actual Telegram servers.</li></ul>             |
| <ul style="list-style-type: none"><li>• – The Bot API uses an intermediate server to</li></ul>                              |   |
| <ul style="list-style-type: none"><li>• + <b>Run multiple sessions at once (for both user and bot identities)</b></li></ul> | <ul style="list-style-type: none"><li>any other session in case you try to use the same bot again in a parallel connection.</li></ul> |
| <ul style="list-style-type: none"><li>• – The Bot API intermediate server will terminate</li></ul>                          |   |

- + **Has much more detailed types and powerful methods**
- – The Bot API types often miss some useful information about Telegram entities and some of the methods are limited as well.
- + **Obtain information about any message existing in a chat using their ids**
- – The Bot API simply doesn't support this
- + **Retrieve the whole chat members list of either public or private chats**
- – The Bot API simply doesn't support this
- + **Receive extra updates, such as the one about a user name change**
- – The Bot API simply doesn't support this
- + **Has more meaningful errors in case something went wrong**
- – The Bot API reports less detailed errors
- + **Get API version updates, and thus new features, sooner**
- – The Bot API is simply slower in implementing new features

### 2.3.32 Debugging

When working with the API, chances are you'll stumble upon bugs, get stuck and start wondering how to continue. Nothing to actually worry about since Hydrogram provides some commodities to help you in this.

#### Caveman Debugging

*The most effective debugging tool is still careful thought, coupled with judiciously placed print statements.*

—Brian Kernighan, “Unix for Beginners” (1979)

Adding `print()` statements in crucial parts of your code is by far the most ancient, yet efficient technique for debugging programs, especially considering the concurrent nature of the framework itself. Hydrogram goodness in this respect comes with the fact that any object can be nicely printed just by calling `print(obj)`, thus giving to you an insight of all its inner details.

Consider the following code:

```
me = await app.get_users("me")
print(me) # User
```

This will show a JSON representation of the object returned by `get_users()`, which is a `User` instance, in this case. The output on your terminal will be something similar to this:

```
{
  "_": "User",
  "id": 123456789,
  "is_self": true,
  "is_contact": false,
  "is_mutual_contact": false,
  "is_deleted": false,
  "is_bot": false,
  "is_verified": false,
```

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```

    "is_restricted": false,
    "is_support": false,
    "first_name": "Hydrogram",
    "photo": {
        "_": "ChatPhoto",
        "small_file_id": "AbCdE...EdCbA",
        "small_photo_unique_id": "VwXyZ...ZyXwV",
        "big_file_id": "AbCdE...EdCbA",
        "big_photo_unique_id": "VwXyZ...ZyXwV"
    }
}

```

As you've probably guessed already, Hydrogram objects can be nested. That's how compound data are built, and nesting keeps going until we are left with base data types only, such as `str`, `int`, `bool`, etc.

## Accessing Attributes

Even though you see a JSON output, it doesn't mean we are dealing with dictionaries; in fact, all Hydrogram types are fully-fledged Python objects and the correct way to access any attribute of them is by using the dot notation `.`:

```

photo = me.photo
print(photo) # ChatPhoto

```

```

{
    "_": "ChatPhoto",
    "small_file_id": "AbCdE...EdCbA",
    "small_photo_unique_id": "VwXyZ...ZyXwV",
    "big_file_id": "AbCdE...EdCbA",
    "big_photo_unique_id": "VwXyZ...ZyXwV"
}

```

## Checking an Object's Type

Another thing worth talking about is how to tell and check for an object's type.

As you noticed already, when printing an object you'll see the special attribute `"_"`. This is just a visual thing useful to show humans the object type, but doesn't really exist anywhere; any attempt in accessing it will lead to an error. The correct way to get the object type is by using the built-in function `type()`:

```

status = me.status
print(type(status))

```

```
<class 'hydrogram.types.UserStatus'>
```

And to check if an object is an instance of a given class, you use the built-in function `isinstance()`:

```

from hydrogram.types import UserStatus

status = me.status
print(isinstance(status, UserStatus))

```

---

True

### 2.3.33 Test Servers

If you wish to test your application in a separate environment, Hydrogram is able to authorize your account into Telegram’s test servers without hassle. All you need to do is start a new session (e.g.: “my\_account\_test”) using `test_mode=True`:

```
from hydrogram import Client

async with Client("my_account_test", test_mode=True) as app:
    print(await app.get_me())
```

---

**Note:** If this is the first time you login into test servers, you will be asked to register your account first. Accounts registered on test servers reside in a different, parallel instance of a Telegram server.

---

### Test Mode in Official Apps

You can also login yourself into test servers using official desktop apps, such as Telegram Web and Telegram Desktop:

- **Telegram Web:** Login here: <https://web.telegram.org/?test=1>
- **Telegram Desktop:** Hold Alt+Shift and right click on “Add account”, then choose “Test server”.

### Test Numbers

Beside normal numbers, the test environment allows you to login with reserved test numbers. Valid phone numbers follow the pattern 99966XXXX, where X is the DC number (1 to 3) and YYYY are random numbers. Users with such numbers always get XXXXX or XXXXXX as the confirmation code (the DC number, repeated five or six times).

### 2.3.34 Advanced Usage

Hydrogram’s API – which consists of well documented *methods* and *types* – exists to provide an easier interface to the more complex Telegram API.

In this section, you’ll be shown the alternative way of communicating with Telegram using Hydrogram: the main “raw” Telegram API with its functions and types.

---

### Telegram Raw API

If you can't find a high-level method for your needs or if you want complete, low-level access to the whole Telegram API, you have to use the raw *functions* and *types*.

As already hinted, raw functions and types can be less convenient. This section will therefore explain some pitfalls to take into consideration when working with the raw API.

---

**Tip:** Every available high-level method in Hydrogram is built on top of these raw functions.

---

### Invoking Functions

Unlike the *methods* found in Hydrogram's API, which can be called in the usual simple way, functions to be invoked from the raw Telegram API have a different way of usage.

First of all, both *raw functions* and *raw types* live in their respective packages (and sub-packages): `hydrogram.raw.functions`, `hydrogram.raw.types`. They all exist as Python classes, meaning you need to create an instance of each every time you need them and fill them in with the correct values using named arguments.

Next, to actually invoke the raw function you have to use the `invoke()` method provided by the Client class and pass the function object you created.

Here's some examples:

- Update first name, last name and bio:

```
from hydrogram import Client
from hydrogram.raw import functions

async with Client("my_account") as app:
    await app.invoke(
        functions.account.UpdateProfile(
            first_name="First Name", last_name="Last Name",
            about="New bio text"
        )
    )
```

- Set online/offline status:

```
from hydrogram import Client
from hydrogram.raw import functions, types

async with Client("my_account") as app:
    # Set online status
    await app.invoke(functions.account.UpdateStatus(offline=False))

    # Set offline status
    await app.invoke(functions.account.UpdateStatus(offline=True))
```

- Get chat info:

```
from hydrogram import Client
from hydrogram.raw import functions, types
```

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```

async with Client("my_account") as app:
    r = await app.invoke(
        functions.channels.GetFullChannel(
            channel=app.resolve_peer("username")
        )
    )

    print(r)

```

## Chat IDs

The way Telegram works makes it not possible to directly send a message to a user or a chat by using their IDs only. Instead, a pair of `id` and `access_hash` wrapped in a so called `InputPeer` is always needed. Hydrogram allows sending messages with IDs only thanks to cached access hashes.

There are three different `InputPeer` types, one for each kind of Telegram entity. Whenever an `InputPeer` is needed you must pass one of these:

- `InputPeerUser` - Users
- `InputPeerChat` - Basic Chats
- `InputPeerChannel` - Channels & Supergroups

But you don't necessarily have to manually instantiate each object because Hydrogram already provides `resolve_peer()` as a convenience utility method that returns the correct `InputPeer` by accepting a peer ID only.

Another thing to take into consideration about chat IDs is the way they are represented: they are all integers and all positive within their respective raw types.

Things are different when working with Hydrogram's API because having them in the same space could lead to collisions, and that's why Hydrogram uses a slightly different representation for each kind of ID.

For example, given the ID `123456789`, here's how Hydrogram can tell entities apart:

- +ID User: `123456789`
- -ID Chat: `-123456789`
- -100ID Channel or Supergroup: `-100123456789`

So, every time you take a raw ID, make sure to translate it into the correct ID when you want to use it with an high-level method.

## 2.3.35 Frequently Asked Questions

This FAQ page provides answers to common questions about Hydrogram and, to some extent, Telegram in general.

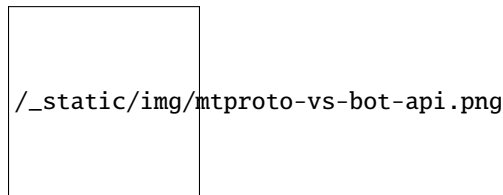
### Contents

- *Why is the API key needed for bots?*
- *How to use webhooks?*
- *Using the same file\_id across different accounts*
- *Using multiple clients at once on the same account*
- *Client started, but nothing happens*

- *What are the IP addresses of Telegram Data Centers?*
- *Migrating the account to another data center*
- *Why is the client reacting slowly in supergroups/channels?*
- *PEER\_ID\_INVALID error*
- *Code hangs when calling stop, restart, add/remove\_handler*
- *UnicodeEncodeError: '...' codec can't encode ...*
- *Uploading with URLs gives error WEBPAGE\_CURL\_FAILED*
- *sqlite3.OperationalError: database is locked*
- *sqlite3.InterfaceError: Error binding parameter*
- *socket.send(), OSError(), TimeoutError(), Connection lost/reset*
- *How to avoid Flood Waits?*
- *The account has been limited/deactivated*

### Why is the API key needed for bots?

Requests against the official bot API endpoints are made via JSON/HTTP and are handled by an intermediate server application that implements the MTProto protocol and uses its own API key to communicate with the MTProto servers.



Using MTProto is the only way to communicate with the actual Telegram servers, and the main API requires developers to identify applications by means of a unique key; the bot token identifies a bot as a user and replaces the user's phone number only.

### How to use webhooks?

There is no webhook in Hydrogram, simply because there is no HTTP involved. However, a similar technique is being used to make receiving updates efficient.

Hydrogram uses persistent connections via TCP sockets to interact with the server and instead of actively asking for updates every time (polling), Hydrogram will sit down and wait for the server to send updates by itself the very moment they are available (server push).



## Using the same file\_id across different accounts

Telegram file\_id strings are bound to the account which generated them. An attempt in using a foreign file id will result in errors such as [400 MEDIA\_EMPTY]. The only exception are stickers' file ids; you can use them across different accounts without any problem.

## Using multiple clients at once on the same account

Both user and bot accounts are able to run multiple sessions in parallel. However, you must not use the same session in more than one client at the same time. The correct way to run multiple clients on the same account is by authorizing your account (either user or bot) from the beginning each time, and use one separate session for each parallel client.

## Client started, but nothing happens

A possible cause might be network issues, either yours or Telegram's. To check this, add the following code at the top of your script and run it again. You should see some error mentioning a socket timeout or an unreachable network:

```
import logging
logging.basicConfig(level=logging.INFO)
```

## What are the IP addresses of Telegram Data Centers?

Telegram is currently composed by a decentralized, multi-DC infrastructure (currently 5 DCs, each of which can work independently) spread across different locations worldwide. However, some of the less busy DCs have been lately dismissed and their IP addresses are now kept as aliases to the nearest one.

Table 5: Production Environment

| ID   | Location           | IPv4            | IPv6                  |
|------|--------------------|-----------------|-----------------------|
| DC1  | MIA, Miami FL, USA | 149.154.175.53  | 2001:b28:f23d:f001::a |
| DC2  | AMS, Amsterdam, NL | 149.154.167.51  | 2001:67c:4e8:f002::a  |
| DC3* | MIA, Miami FL, USA | 149.154.175.100 | 2001:b28:f23d:f003::a |
| DC4  | AMS, Amsterdam, NL | 149.154.167.91  | 2001:67c:4e8:f004::a  |
| DC5  | SIN, Singapore, SG | 91.108.56.130   | 2001:b28:f23f:f005::a |

Table 6: Test Environment

| ID   | Location           | IPv4            | IPv6                  |
|------|--------------------|-----------------|-----------------------|
| DC1  | MIA, Miami FL, USA | 149.154.175.10  | 2001:b28:f23d:f001::e |
| DC2  | AMS, Amsterdam, NL | 149.154.167.40  | 2001:67c:4e8:f002::e  |
| DC3* | MIA, Miami FL, USA | 149.154.175.117 | 2001:b28:f23d:f003::e |

More info about the Test Environment can be found [here](#).

\* Alias DC

### Migrating the account to another data center

This question is asked by people who find their account always being connected to one DC (data center), but are connecting from a place far away, thus resulting in slower interactions when using the API because of the greater physical distance between the user and the associated DC.

When registering an account for the first time, is up to Telegram to decide which DC the new user is going to be created in. It's also up to the server to decide whether to automatically migrate a user in case of prolonged usages from a distant location.

### Why is the client reacting slowly in supergroups/channels?

Because of how Telegram works internally, every message you receive and send must pass through the creator's DC, and in the worst case where you, the creator and another member all belong to three different DCs, the other member messages have to go through from their DC to the creator's DC and finally to your DC. This is applied to each message and member of a supergroup/channel and the process will inevitably take its time.

Another reason that makes responses come slowly is that messages are dispatched by priority. Depending on the kind of member, some users receive messages faster than others and for big and busy supergroups the delay might become noticeable, especially if you are among the lower end of the priority list:

1. Creator.
2. Administrators.
3. Bots.
4. Mentioned users.
5. Recent online users.
6. Everyone else.

### PEER\_ID\_INVALID error

This error could mean several things:

- The chat id you tried to use is simply wrong, check it again.
- The chat id refers to a group or channel you are not a member of.
- The chat id argument you passed is in form of a string; you have to convert it into an integer with `int(chat_id)`.
- The chat id refers to a user or chat your current session hasn't met yet.

About the last point: in order for you to meet a user and thus communicate with them, you should ask yourself how to contact people using official apps. The answer is the same for Hydrogram too and involves normal usages such as searching for usernames, meeting them in a common group, having their phone contacts saved, getting a message mentioning them or obtaining the dialogs list.

### Code hangs when calling stop, restart, add/remove\_handler

You tried to `.stop()`, `.restart()`, `.add_handler()` or `.remove_handler()` inside a running handler, but that can't be done because the way Hydrogram deals with handlers would make it hang.

When calling one of the methods above inside an event handler, Hydrogram needs to wait for all running handlers to finish in order to continue. Since your handler is blocking the execution by waiting for the called method to finish and since Hydrogram needs to wait for your handler to finish, you are left with a deadlock.

The solution to this problem is to pass `block=False` to such methods so that they return immediately and the actual code called asynchronously.

### UnicodeEncodeError: '...' codec can't encode ...

Where `<encoding>` might be *ascii*, *cp932*, *charmap* or anything else other than *utf-8*. This error usually shows up when you try to print something and has very little to do with Hydrogram itself as it is strictly related to your own terminal. To fix it, either find a way to change the encoding settings of your terminal to UTF-8 or switch to another terminal altogether.

### Uploading with URLs gives error WEBPAGE\_CURL\_FAILED

When uploading media files using an URL, the server automatically tries to download the media and uploads it to the Telegram cloud. This error usually happens in case the provided URL is not publicly accessible by Telegram itself or the media file is too large. In such cases, your only option is to download the media yourself and upload it from your local machine.

### sqlite3.OperationalError: database is locked

This error occurs when more than one process is using the same session file, that is, when you run two or more clients at the same time using the same session name or in case another program has accessed the file.

For example, it could occur when a background script is still running and you forgot about it. In this case, you either restart your system or find and kill the process that is locking the database. On Unix based systems, you can try the following:

1. `cd` into your session file directory.
2. `fuser my_account.session` to find the process id.
3. `kill 1234` to gracefully stop the process.
4. If the last command doesn't help, use `kill -9 1234` instead.

If you want to run multiple clients on the same account, you must authorize your account (either user or bot) from the beginning every time, and use different session names for each parallel client you are going to use.

### sqlite3.InterfaceError: Error binding parameter

This error occurs when you pass a chat id value of the wrong type when trying to call a method. Most likely, you accidentally passed the whole user or chat object instead of the id or username.

```
# Wrong. You passed the whole Chat instance
app.send_message(chat, "text")

# Correct
app.send_message(chat.id, "text")
```

### socket.send(), OSError(), TimeoutError(), Connection lost/reset

If you get any of these errors chances are you ended up with a slow or inconsistent network connection. Another reason could be because you are blocking the event loop for too long.

You can consider the following:

- Use Hydrogram asynchronously in its intended way.
- Use shorter non-asynchronous processing loops.
- Use `asyncio.sleep()` instead of `time.sleep()`.
- Use a stable network connection.

### How to avoid Flood Waits?

Slow things down and make less requests. Moreover, exact limits are unknown and can change anytime based on normal usages.

When a flood wait happens the server will tell you how much time to wait before continuing. The following shows how to catch the exception in your code and wait the required seconds.

```
import asyncio
from hydrogram.errors import FloodWait

...
    try:
        ... # Your code
    except FloodWait as e:
        await asyncio.sleep(e.value) # Wait "value" seconds before continuing
...
```

More info about error handling can be found [here](#).

### The account has been limited/deactivated

Hydrogram is a framework that interfaces with Telegram; it is at your commands, meaning it only does what you tell it to do, the rest is up to you and Telegram (see [Telegram's ToS](#)).

If you found your account being limited/deactivated, it could be due spam/flood/abuse of the API or the usage of certain virtual/VoIP numbers.

If you think your account was limited/deactivated by mistake, you can write to [recover@telegram.org](mailto:recover@telegram.org), contact [@Spam-Bot](#) or use [this form](#).

## 2.3.36 Support Hydrogram

Hydrogram is a free and open source project. If you enjoy Hydrogram and would like to show your appreciation, consider donating or becoming a sponsor of the project. You can support Hydrogram via the ways shown below:

---

### LiberaPay Patron

Become a LiberaPay patron.

---

### OpenCollective Backer

Become an OpenCollective backer

## 2.3.37 Changelog

### 0.1.4 [UNRELEASED DRAFT] (2024-03-23)

#### Features

- Integrate pyromod patches into the project (many thanks to [@usernein](#) for his excellent work). To check out the pyromod specific features, have a look at <https://pyromod.pauxis.dev/>. You can use the features in the same way as in pyromod, except that you import them directly from the hydrogram package. [#1](#)
- Changed the minimum required version of Python to 3.9 and integrated the newest Python type hints. [#5](#)
- Added the attribute `is_participants_hidden` to the `Chat` type. If the list of members is hidden, `True` will be returned; otherwise, `False` will be returned. [#11](#)
- Updated API scheme to layer 176 [#20](#)

### Bugfixes

- Fixed *Message.is\_scheduled* field being always *False* when parsing *UpdateNewScheduledMessage* #14
- Fixed an issue with the bool parsing of the raw api that was causing the wrong value to be returned. #20
- Make the quiz explanation an optional parameter #21

### Misc

- Make *Message.\_parse* accept only keyword-only arguments #14

## 0.1.4 (2023-12-04)

### Bugfixes

- Fix a boolean instead of file name in *send\_audio* #4
- Prevent from closing BytesIO object in *handle\_download* #4

## 0.1.3 (2023-12-03)

### Bugfixes

- Fix *handle\_download* file name #3

## 0.1.2 (2023-12-03)

### Bugfixes

- Fix *save\_file* reporting size as 0

## 0.1.1 (2023-12-01)

Fixup release that fixes our logo url in PyPI.

## 0.1.0 (2023-12-01)

Initial project release. To see all changes and improvements compared to Pyrogram, see [Hydrogram vs Pyrogram](#)

## 2.3.38 Hydrogram vs Pyrogram

### Introduction

This is a non-exhaustive list of differences between Hydrogram and Pyrogram. It is updated periodically.

### Changes

- Support for the latest layer
- Support for threads/topics
- Improvements in IDE support by declaring `__all__` in files
- Mark optional parameters in methods as keyword-only, to avoid future breakage when adding new parameters
- Use of newer packaging technologies and standards, such as `pyproject.toml`
- Use of `aiosqlite` instead of `sqlite3`
- Open-source documentation
- More active development
- Completely refactored, optimized and modernized codes (Using Ruff)

### Fixes

- Add `FloodWait` exception to media download
- Fixed a bug that would treat `0`, `False` or `None` as an empty message
- Fixed minor code issues

## 2.3.39 Raw Functions

### Account

#### `account.AcceptAuthorization`

**class** `hydrogram.raw.functions.account.AcceptAuthorization`

Telegram API function.

#### Details:

- Layer: 176
- ID: F3ED4C73

#### Parameters

- **bot\_id** (int 64-bit) – N/A
- **scope** (str) – N/A
- **public\_key** (str) – N/A
- **value\_hashes** (List of [SecureValueHash](#)) – N/A
- **credentials** ([SecureCredentialsEncrypted](#)) – N/A

**Returns**

bool

**account.CancelPasswordEmail**

**class** hydrogram.raw.functions.account.**CancelPasswordEmail**

Telegram API function.

**Details:**

- Layer: 176
- ID: C1CBD5B6

**Parameters**

No parameters required.

**Returns**

bool

**account.ChangeAuthorizationSettings**

**class** hydrogram.raw.functions.account.**ChangeAuthorizationSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: 40F48462

**Parameters**

- **hash** (int 64-bit) – N/A
- **confirmed** (bool, *optional*) – N/A
- **encrypted\_requests\_disabled** (bool, *optional*) – N/A
- **call\_requests\_disabled** (bool, *optional*) – N/A

**Returns**

bool

**account.ChangePhone**

**class** hydrogram.raw.functions.account.**ChangePhone**

Telegram API function.

**Details:**

- Layer: 176
- ID: 70C32EDB

**Parameters**

- **phone\_number** (str) – N/A



- `phone_code_hash` (str) – N/A
- `phone_code` (str) – N/A

**Returns***User***account.CheckUsername****class** hydrogram.raw.functions.account.**CheckUsername**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2714D86C

**Parameters**`username` (str) – N/A**Returns**

bool

**account.ClearRecentEmojiStatuses****class** hydrogram.raw.functions.account.**ClearRecentEmojiStatuses**

Telegram API function.

**Details:**

- Layer: 176
- ID: 18201AAE

**Parameters**

No parameters required.

**Returns**

bool

**account.ConfirmPasswordEmail****class** hydrogram.raw.functions.account.**ConfirmPasswordEmail**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8FDF1920

**Parameters**`code` (str) – N/A**Returns**

bool

### account.ConfirmPhone

**class** hydrogram.raw.functions.account.**ConfirmPhone**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5F2178C3

**Parameters**

- **phone\_code\_hash** (str) – N/A
- **phone\_code** (str) – N/A

**Returns**

bool

### account.CreateTheme

**class** hydrogram.raw.functions.account.**CreateTheme**

Telegram API function.

**Details:**

- Layer: 176
- ID: 652E4400

**Parameters**

- **slug** (str) – N/A
- **title** (str) – N/A
- **document** (*InputDocument*, optional) – N/A
- **settings** (List of *InputThemeSettings*, optional) – N/A

**Returns**

*Theme*

### account.DeclinePasswordReset

**class** hydrogram.raw.functions.account.**DeclinePasswordReset**

Telegram API function.

**Details:**

- Layer: 176
- ID: 4C9409F6

**Parameters**

No parameters required.

**Returns**

bool

**account.DeleteAccount**

```
class hydrogram.raw.functions.account.DeleteAccount
```

Telegram API function.

**Details:**

- Layer: 176
- ID: A2C0CF74

**Parameters**

- **reason** (str) – N/A
- **password** (*InputCheckPasswordSRP*, optional) – N/A

**Returns**

bool

**account.DeleteAutoSaveExceptions**

```
class hydrogram.raw.functions.account.DeleteAutoSaveExceptions
```

Telegram API function.

**Details:**

- Layer: 176
- ID: 53BC0020

**Parameters**

No parameters required.

**Returns**

bool

**account.DeleteSecureValue**

```
class hydrogram.raw.functions.account.DeleteSecureValue
```

Telegram API function.

**Details:**

- Layer: 176
- ID: B880BC4B

**Parameters**

**types** (List of *SecureValueType*) – N/A

**Returns**

bool

### account.FinishTakeoutSession

**class** hydrogram.raw.functions.account.FinishTakeoutSession

Telegram API function.

**Details:**

- Layer: 176
- ID: 1D2652EE

**Parameters**

**success** (bool, *optional*) – N/A

**Returns**

bool

### account.GetAccountTTL

**class** hydrogram.raw.functions.account.GetAccountTTL

Telegram API function.

**Details:**

- Layer: 176
- ID: 8FC711D

**Parameters**

No parameters required.

**Returns**

*AccountDaysTTL*

### account.GetAllSecureValues

**class** hydrogram.raw.functions.account.GetAllSecureValues

Telegram API function.

**Details:**

- Layer: 176
- ID: B288BC7D

**Parameters**

No parameters required.

**Returns**

List of *SecureValue*

### account.GetAuthorizationForm

**class** hydrogram.raw.functions.account.**GetAuthorizationForm**

Telegram API function.

**Details:**

- Layer: 176
- ID: A929597A

**Parameters**

- **bot\_id** (int 64-bit) – N/A
- **scope** (str) – N/A
- **public\_key** (str) – N/A

**Returns**

*account.AuthorizationForm*

### account.GetAuthorizations

**class** hydrogram.raw.functions.account.**GetAuthorizations**

Telegram API function.

**Details:**

- Layer: 176
- ID: E320C158

**Parameters**

No parameters required.

**Returns**

*account.Authorizations*

### account.GetAutoDownloadSettings

**class** hydrogram.raw.functions.account.**GetAutoDownloadSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: 56DA0B3F

**Parameters**

No parameters required.

**Returns**

*account.AutoDownloadSettings*

### **account.GetAutoSaveSettings**

**class** hydrogram.raw.functions.account.**GetAutoSaveSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: ADCBBCDA

**Parameters**

No parameters required.

**Returns**

*account.AutoSaveSettings*

### **account.GetChannelDefaultEmojiStatuses**

**class** hydrogram.raw.functions.account.**GetChannelDefaultEmojiStatuses**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7727A7D5

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.EmojiStatuses*

### **account.GetChannelRestrictedStatusEmojis**

**class** hydrogram.raw.functions.account.**GetChannelRestrictedStatusEmojis**

Telegram API function.

**Details:**

- Layer: 176
- ID: 35A9E0D5

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*EmojiList*

### **account.GetChatThemes**

**class** hydrogram.raw.functions.account.**GetChatThemes**

Telegram API function.

**Details:**

- Layer: 176
- ID: D638DE89

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.Themes*

### **account.GetConnectedBots**

**class** hydrogram.raw.functions.account.**GetConnectedBots**

Telegram API function.

**Details:**

- Layer: 176
- ID: 4EA4C80F

**Parameters**

**No parameters required.**

**Returns**

*account.ConnectedBots*

### **account.GetContactSignUpNotification**

**class** hydrogram.raw.functions.account.**GetContactSignUpNotification**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9F07C728

**Parameters**

**No parameters required.**

**Returns**

**bool**

### **account.GetContentSettings**

**class** hydrogram.raw.functions.account.**GetContentSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8B9B4DAE

**Parameters**

No parameters required.

**Returns**

*account.ContentSettings*

### **account.GetDefaultBackgroundEmojis**

**class** hydrogram.raw.functions.account.**GetDefaultBackgroundEmojis**

Telegram API function.

**Details:**

- Layer: 176
- ID: A60AB9CE

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*EmojiList*

### **account.GetDefaultEmojiStatuses**

**class** hydrogram.raw.functions.account.**GetDefaultEmojiStatuses**

Telegram API function.

**Details:**

- Layer: 176
- ID: D6753386

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.EmojiStatuses*



### account.GetDefaultGroupPhotoEmojis

**class** hydrogram.raw.functions.account.GetDefaultGroupPhotoEmojis

Telegram API function.

**Details:**

- Layer: 176
- ID: 915860AE

**Parameters**

hash (int 64-bit) – N/A

**Returns**

*EmojiList*

### account.GetDefaultProfilePhotoEmojis

**class** hydrogram.raw.functions.account.GetDefaultProfilePhotoEmojis

Telegram API function.

**Details:**

- Layer: 176
- ID: E2750328

**Parameters**

hash (int 64-bit) – N/A

**Returns**

*EmojiList*

### account.GetGlobalPrivacySettings

**class** hydrogram.raw.functions.account.GetGlobalPrivacySettings

Telegram API function.

**Details:**

- Layer: 176
- ID: EB2B4CF6

**Parameters**

No parameters required.

**Returns**

*GlobalPrivacySettings*

### account.GetMultiWallPapers

**class** hydrogram.raw.functions.account.**GetMultiWallPapers**

Telegram API function.

**Details:**

- Layer: 176
- ID: 65AD71DC

**Parameters**

**wallpapers** (List of *InputWallPaper*) – N/A

**Returns**

List of *WallPaper*

### account.GetNotifyExceptions

**class** hydrogram.raw.functions.account.**GetNotifyExceptions**

Telegram API function.

**Details:**

- Layer: 176
- ID: 53577479

**Parameters**

- **compare\_sound** (bool, *optional*) – N/A
- **compare\_stories** (bool, *optional*) – N/A
- **peer** (*InputNotifyPeer*, *optional*) – N/A

**Returns**

*Updates*

### account.GetNotifySettings

**class** hydrogram.raw.functions.account.**GetNotifySettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: 12B3AD31

**Parameters**

**peer** (*InputNotifyPeer*) – N/A

**Returns**

*PeerNotifySettings*

### account.GetPassword

**class** hydrogram.raw.functions.account.**GetPassword**

Telegram API function.

**Details:**

- Layer: 176
- ID: 548A30F5

**Parameters**

No parameters required.

**Returns**

*account.Password*

### account.GetPasswordSettings

**class** hydrogram.raw.functions.account.**GetPasswordSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9CD4EAF9

**Parameters**

**password** (*InputCheckPasswordSRP*) – N/A

**Returns**

*account.PasswordSettings*

### account.GetPrivacy

**class** hydrogram.raw.functions.account.**GetPrivacy**

Telegram API function.

**Details:**

- Layer: 176
- ID: DADBC950

**Parameters**

**key** (*InputPrivacyKey*) – N/A

**Returns**

*account.PrivacyRules*

### **account.GetRecentEmojiStatuses**

**class** hydrogram.raw.functions.account.**GetRecentEmojiStatuses**

Telegram API function.

**Details:**

- Layer: 176
- ID: F578105

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.EmojiStatuses*

### **account.GetSavedRingtones**

**class** hydrogram.raw.functions.account.**GetSavedRingtones**

Telegram API function.

**Details:**

- Layer: 176
- ID: E1902288

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.SavedRingtones*

### **account.GetSecureValue**

**class** hydrogram.raw.functions.account.**GetSecureValue**

Telegram API function.

**Details:**

- Layer: 176
- ID: 73665BC2

**Parameters**

**types** (List of *SecureValueType*) – N/A

**Returns**

List of *SecureValue*

**account.GetTheme**

**class** hydrogram.raw.functions.account.**GetTheme**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3A5869EC

**Parameters**

- **format** (str) – N/A
- **theme** (*InputTheme*) – N/A

**Returns**

*Theme*

**account.GetThemes**

**class** hydrogram.raw.functions.account.**GetThemes**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7206E458

**Parameters**

- **format** (str) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*account.Themes*

**account.GetTmpPassword**

**class** hydrogram.raw.functions.account.**GetTmpPassword**

Telegram API function.

**Details:**

- Layer: 176
- ID: 449E0B51

**Parameters**

- **password** (*InputCheckPasswordSRP*) – N/A
- **period** (int 32-bit) – N/A

**Returns**

*account.TmpPassword*

### **account.GetWallPaper**

**class** hydrogram.raw.functions.account.**GetWallPaper**

Telegram API function.

**Details:**

- Layer: 176
- ID: FC8DDBEA

**Parameters**

**wallpaper** (*InputWallPaper*) – N/A

**Returns**

*WallPaper*

### **account.GetWallPapers**

**class** hydrogram.raw.functions.account.**GetWallPapers**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7967D36

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*account.WallPapers*

### **account.GetWebAuthorizations**

**class** hydrogram.raw.functions.account.**GetWebAuthorizations**

Telegram API function.

**Details:**

- Layer: 176
- ID: 182E6D6F

**Parameters**

**No parameters required.**

**Returns**

*account.WebAuthorizations*

## account.InitTakeoutSession

**class** hydrogram.raw.functions.account.**InitTakeoutSession**

Telegram API function.

### Details:

- Layer: 176
- ID: 8EF3EAB0

### Parameters

- **contacts** (*bool, optional*) – N/A
- **message\_users** (*bool, optional*) – N/A
- **message\_chats** (*bool, optional*) – N/A
- **message\_megagroups** (*bool, optional*) – N/A
- **message\_channels** (*bool, optional*) – N/A
- **files** (*bool, optional*) – N/A
- **file\_max\_size** (*int 64-bit, optional*) – N/A

### Returns

*account.Takeout*

## account.InstallTheme

**class** hydrogram.raw.functions.account.**InstallTheme**

Telegram API function.

### Details:

- Layer: 176
- ID: C727BB3B

### Parameters

- **dark** (*bool, optional*) – N/A
- **theme** (*[InputTheme](#), optional*) – N/A
- **format** (*str, optional*) – N/A
- **base\_theme** (*[BaseTheme](#), optional*) – N/A

### Returns

*bool*

### account.InstallWallPaper

**class** hydrogram.raw.functions.account.InstallWallPaper

Telegram API function.

**Details:**

- Layer: 176
- ID: FEED5769

**Parameters**

- **wallpaper** (*InputWallPaper*) – N/A
- **settings** (*WallPaperSettings*) – N/A

**Returns**

bool

### account.InvalidateSignInCodes

**class** hydrogram.raw.functions.account.InvalidateSignInCodes

Telegram API function.

**Details:**

- Layer: 176
- ID: CA8AE8BA

**Parameters**

**codes** (List of str) – N/A

**Returns**

bool

### account.RegisterDevice

**class** hydrogram.raw.functions.account.RegisterDevice

Telegram API function.

**Details:**

- Layer: 176
- ID: EC86017A

**Parameters**

- **token\_type** (int 32-bit) – N/A
- **token** (str) – N/A
- **app\_sandbox** (bool) – N/A
- **secret** (bytes) – N/A
- **other\_uids** (List of int 64-bit) – N/A



- **no\_muted** (bool, *optional*) – N/A

**Returns**

bool

**account.ReorderUsernames****class** hydrogram.raw.functions.account.**ReorderUsernames**

Telegram API function.

**Details:**

- Layer: 176
- ID: EF500EAB

**Parameters****order** (List of str) – N/A**Returns**

bool

**account.ReportPeer****class** hydrogram.raw.functions.account.**ReportPeer**

Telegram API function.

**Details:**

- Layer: 176
- ID: C5BA3D86

**Parameters**

- **peer** (*InputPeer*) – N/A
- **reason** (*ReportReason*) – N/A
- **message** (str) – N/A

**Returns**

bool

**account.ReportProfilePhoto****class** hydrogram.raw.functions.account.**ReportProfilePhoto**

Telegram API function.

**Details:**

- Layer: 176
- ID: FA8CC6F5

**Parameters**

- **peer** (*InputPeer*) – N/A

- **photo\_id** (*InputPhoto*) – N/A
- **reason** (*ReportReason*) – N/A
- **message** (str) – N/A

**Returns**  
bool

### **account.ResendPasswordEmail**

**class** hydrogram.raw.functions.account.**ResendPasswordEmail**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7A7F2A15

**Parameters**

No parameters required.

**Returns**  
bool

### **account.ResetAuthorization**

**class** hydrogram.raw.functions.account.**ResetAuthorization**

Telegram API function.

**Details:**

- Layer: 176
- ID: DF77F3BC

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**  
bool

### **account.ResetNotifySettings**

**class** hydrogram.raw.functions.account.**ResetNotifySettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: DB7E1747

**Parameters**

No parameters required.

**Returns**`bool`**account.ResetPassword****class** `hydrogram.raw.functions.account.ResetPassword`

Telegram API function.

**Details:**

- Layer: 176
- ID: 9308CE1B

**Parameters****No parameters required.****Returns**`account.ResetPasswordResult`**account.ResetWallPapers****class** `hydrogram.raw.functions.account.ResetWallPapers`

Telegram API function.

**Details:**

- Layer: 176
- ID: BB3B9804

**Parameters****No parameters required.****Returns**`bool`**account.ResetWebAuthorization****class** `hydrogram.raw.functions.account.ResetWebAuthorization`

Telegram API function.

**Details:**

- Layer: 176
- ID: 2D01B9EF

**Parameters****hash** (int 64-bit) – N/A**Returns**`bool`

### account.ResetWebAuthorizations

**class** hydrogram.raw.functions.account.ResetWebAuthorizations

Telegram API function.

**Details:**

- Layer: 176
- ID: 682D2594

**Parameters**

No parameters required.

**Returns**

bool

### account.SaveAutoDownloadSettings

**class** hydrogram.raw.functions.account.SaveAutoDownloadSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: 76F36233

**Parameters**

- **settings** (*AutoDownloadSettings*) – N/A
- **low** (bool, *optional*) – N/A
- **high** (bool, *optional*) – N/A

**Returns**

bool

### account.SaveAutoSaveSettings

**class** hydrogram.raw.functions.account.SaveAutoSaveSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: D69B8361

**Parameters**

- **settings** (*AutoSaveSettings*) – N/A
- **users** (bool, *optional*) – N/A
- **chats** (bool, *optional*) – N/A
- **broadcasts** (bool, *optional*) – N/A

- **peer** (*InputPeer*, optional) – N/A

**Returns**

bool

**account.SaveRingtone****class** hydrogram.raw.functions.account.**SaveRingtone**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3DEA5B03

**Parameters**

- **id** (*InputDocument*) – N/A
- **unsave** (bool) – N/A

**Returns***account.SavedRingtone***account.SaveSecureValue****class** hydrogram.raw.functions.account.**SaveSecureValue**

Telegram API function.

**Details:**

- Layer: 176
- ID: 899FE31D

**Parameters**

- **value** (*InputSecureValue*) – N/A
- **secure\_secret\_id** (int 64-bit) – N/A

**Returns***SecureValue***account.SaveTheme****class** hydrogram.raw.functions.account.**SaveTheme**

Telegram API function.

**Details:**

- Layer: 176
- ID: F257106C

**Parameters**

- **theme** (*InputTheme*) – N/A

- **unsave** (bool) – N/A

**Returns**

bool

### **account.SaveWallPaper**

**class** hydrogram.raw.functions.account.**SaveWallPaper**

Telegram API function.

**Details:**

- Layer: 176
- ID: 6C5A5B37

**Parameters**

- **wallpaper** (*InputWallPaper*) – N/A
- **unsave** (bool) – N/A
- **settings** (*WallPaperSettings*) – N/A

**Returns**

bool

### **account.SendChangePhoneCode**

**class** hydrogram.raw.functions.account.**SendChangePhoneCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 82574AE5

**Parameters**

- **phone\_number** (str) – N/A
- **settings** (*CodeSettings*) – N/A

**Returns**

*auth.SentCode*

### **account.SendConfirmPhoneCode**

**class** hydrogram.raw.functions.account.**SendConfirmPhoneCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 1B3FAA88

**Parameters**

- **hash** (str) – N/A
- **settings** (*CodeSettings*) – N/A

**Returns***auth.SentCode***account.SendVerifyEmailCode****class** hydrogram.raw.functions.account.**SendVerifyEmailCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 98E037BB

**Parameters**

- **purpose** (*EmailVerifyPurpose*) – N/A
- **email** (str) – N/A

**Returns***account.SentEmailCode***account.SendVerifyPhoneCode****class** hydrogram.raw.functions.account.**SendVerifyPhoneCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: A5A356F9

**Parameters**

- **phone\_number** (str) – N/A
- **settings** (*CodeSettings*) – N/A

**Returns***auth.SentCode***account.SetAccountTTL****class** hydrogram.raw.functions.account.**SetAccountTTL**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2442485E

**Parameters**

**ttl** (*AccountDaysTTL*) – N/A

**Returns**

bool

**account.SetAuthorizationTTL**

**class** hydrogram.raw.functions.account.**SetAuthorizationTTL**

Telegram API function.

**Details:**

- Layer: 176
- ID: BF899AA0

**Parameters**

**authorization\_ttl\_days** (int 32-bit) – N/A

**Returns**

bool

**account.SetContactSignUpNotification**

**class** hydrogram.raw.functions.account.**SetContactSignUpNotification**

Telegram API function.

**Details:**

- Layer: 176
- ID: CFF43F61

**Parameters**

**silent** (bool) – N/A

**Returns**

bool

**account.SetContentSettings**

**class** hydrogram.raw.functions.account.**SetContentSettings**

Telegram API function.

**Details:**

- Layer: 176
- ID: B574B16B

**Parameters**

**sensitive\_enabled** (bool, *optional*) – N/A

**Returns**

bool



### account.SetGlobalPrivacySettings

**class** hydrogram.raw.functions.account.SetGlobalPrivacySettings

Telegram API function.

**Details:**

- Layer: 176
- ID: 1EDAAAC2

**Parameters**

**settings** (*GlobalPrivacySettings*) – N/A

**Returns**

*GlobalPrivacySettings*

### account.SetPrivacy

**class** hydrogram.raw.functions.account.SetPrivacy

Telegram API function.

**Details:**

- Layer: 176
- ID: C9F81CE8

**Parameters**

- **key** (*InputPrivacyKey*) – N/A
- **rules** (List of *InputPrivacyRule*) – N/A

**Returns**

*account.PrivacyRules*

### account.ToggleUsername

**class** hydrogram.raw.functions.account.ToggleUsername

Telegram API function.

**Details:**

- Layer: 176
- ID: 58D6B376

**Parameters**

- **username** (str) – N/A
- **active** (bool) – N/A

**Returns**

bool

### account.UnregisterDevice

**class** hydrogram.raw.functions.account.UnregisterDevice

Telegram API function.

**Details:**

- Layer: 176
- ID: 6A0D3206

**Parameters**

- **token\_type** (int 32-bit) – N/A
- **token** (str) – N/A
- **other\_uids** (List of int 64-bit) – N/A

**Returns**

bool

### account.UpdateBusinessAwayMessage

**class** hydrogram.raw.functions.account.UpdateBusinessAwayMessage

Telegram API function.

**Details:**

- Layer: 176
- ID: A26A7FA5

**Parameters**

**message** (*InputBusinessAwayMessage*, optional) – N/A

**Returns**

bool

### account.UpdateBusinessGreetingMessage

**class** hydrogram.raw.functions.account.UpdateBusinessGreetingMessage

Telegram API function.

**Details:**

- Layer: 176
- ID: 66CDAFC4

**Parameters**

**message** (*InputBusinessGreetingMessage*, optional) – N/A

**Returns**

bool

**account.UpdateBusinessLocation**

```
class hydrogram.raw.functions.account.UpdateBusinessLocation
```

Telegram API function.

**Details:**

- Layer: 176
- ID: 9E6B131A

**Parameters**

- **geo\_point** (*InputGeoPoint*, *optional*) – N/A
- **address** (*str*, *optional*) – N/A

**Returns**

bool

**account.UpdateBusinessWorkHours**

```
class hydrogram.raw.functions.account.UpdateBusinessWorkHours
```

Telegram API function.

**Details:**

- Layer: 176
- ID: 4B00E066

**Parameters**

- **business\_work\_hours** (*BusinessWorkHours*, *optional*) – N/A

**Returns**

bool

**account.UpdateColor**

```
class hydrogram.raw.functions.account.UpdateColor
```

Telegram API function.

**Details:**

- Layer: 176
- ID: 7CEFA15D

**Parameters**

- **for\_profile** (bool, *optional*) – N/A
- **color** (int 32-bit, *optional*) – N/A
- **background\_emoji\_id** (int 64-bit, *optional*) – N/A

**Returns**

bool

### account.UpdateConnectedBot

**class** hydrogram.raw.functions.account.UpdateConnectedBot

Telegram API function.

#### Details:

- Layer: 176
- ID: 9C2D527D

#### Parameters

- **bot** (*InputUser*) – N/A
- **recipients** (*InputBusinessRecipients*) – N/A
- **can\_reply** (bool, *optional*) – N/A
- **deleted** (bool, *optional*) – N/A

#### Returns

*Updates*

### account.UpdateDeviceLocked

**class** hydrogram.raw.functions.account.UpdateDeviceLocked

Telegram API function.

#### Details:

- Layer: 176
- ID: 38DF3532

#### Parameters

**period** (int 32-bit) – N/A

#### Returns

bool

### account.UpdateEmojiStatus

**class** hydrogram.raw.functions.account.UpdateEmojiStatus

Telegram API function.

#### Details:

- Layer: 176
- ID: FBD3DE6B

#### Parameters

**emoji\_status** (*EmojiStatus*) – N/A

#### Returns

bool

### account.UpdateNotifySettings

**class** hydrogram.raw.functions.account.UpdateNotifySettings

Telegram API function.

**Details:**

- Layer: 176
- ID: 84BE5B93

**Parameters**

- **peer** (*InputNotifyPeer*) – N/A
- **settings** (*InputPeerNotifySettings*) – N/A

**Returns**

bool

### account.UpdatePasswordSettings

**class** hydrogram.raw.functions.account.UpdatePasswordSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: A59B102F

**Parameters**

- **password** (*InputCheckPasswordSRP*) – N/A
- **new\_settings** (*account.PasswordInputSettings*) – N/A

**Returns**

bool

### account.UpdateProfile

**class** hydrogram.raw.functions.account.UpdateProfile

Telegram API function.

**Details:**

- Layer: 176
- ID: 78515775

**Parameters**

- **first\_name** (str, *optional*) – N/A
- **last\_name** (str, *optional*) – N/A
- **about** (str, *optional*) – N/A

**Returns**

*User*

### account.UpdateStatus

**class** hydrogram.raw.functions.account.UpdateStatus

Telegram API function.

**Details:**

- Layer: 176
- ID: 6628562C

**Parameters**

**offline** (bool) – N/A

**Returns**

bool

### account.UpdateTheme

**class** hydrogram.raw.functions.account.UpdateTheme

Telegram API function.

**Details:**

- Layer: 176
- ID: 2BF40CCC

**Parameters**

- **format** (str) – N/A
- **theme** (*InputTheme*) – N/A
- **slug** (str, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **document** (*InputDocument*, *optional*) – N/A
- **settings** (List of *InputThemeSettings*, *optional*) – N/A

**Returns**

*Theme*

### account.UpdateUsername

**class** hydrogram.raw.functions.account.UpdateUsername

Telegram API function.

**Details:**

- Layer: 176
- ID: 3E0BDD7C

**Parameters**

**username** (str) – N/A

**Returns***User***account.UploadRingtone****class** hydrogram.raw.functions.account.UploadRingtone

Telegram API function.

**Details:**

- Layer: 176
- ID: 831A83A2

**Parameters**

- **file** (*InputFile*) – N/A
- **file\_name** (str) – N/A
- **mime\_type** (str) – N/A

**Returns***Document***account.UploadTheme****class** hydrogram.raw.functions.account.UploadTheme

Telegram API function.

**Details:**

- Layer: 176
- ID: 1C3DB333

**Parameters**

- **file** (*InputFile*) – N/A
- **file\_name** (str) – N/A
- **mime\_type** (str) – N/A
- **thumb** (*InputFile*, *optional*) – N/A

**Returns***Document*

### account.UploadWallPaper

**class** hydrogram.raw.functions.account.UploadWallPaper

Telegram API function.

**Details:**

- Layer: 176
- ID: E39A8F03

**Parameters**

- **file** (*InputFile*) – N/A
- **mime\_type** (str) – N/A
- **settings** (*WallPaperSettings*) – N/A
- **for\_chat** (bool, *optional*) – N/A

**Returns**

*WallPaper*

### account.VerifyEmail

**class** hydrogram.raw.functions.account.VerifyEmail

Telegram API function.

**Details:**

- Layer: 176
- ID: 32DA4CF

**Parameters**

- **purpose** (*EmailVerifyPurpose*) – N/A
- **verification** (*EmailVerification*) – N/A

**Returns**

*account.EmailVerified*

### account.VerifyPhone

**class** hydrogram.raw.functions.account.VerifyPhone

Telegram API function.

**Details:**

- Layer: 176
- ID: 4DD3A7F6

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A



- **phone\_code** (str) – N/A

**Returns**

bool

**Auth****auth.AcceptLoginToken****class** hydrogram.raw.functions.auth.**AcceptLoginToken**

Telegram API function.

**Details:**

- Layer: 176
- ID: E894AD4D

**Parameters****token** (bytes) – N/A**Returns***Authorization***auth.BindTempAuthKey****class** hydrogram.raw.functions.auth.**BindTempAuthKey**

Telegram API function.

**Details:**

- Layer: 176
- ID: CDD42A05

**Parameters**

- **perm\_auth\_key\_id** (int 64-bit) – N/A
- **nonce** (int 64-bit) – N/A
- **expires\_at** (int 32-bit) – N/A
- **encrypted\_message** (bytes) – N/A

**Returns**

bool

### auth.CancelCode

**class** hydrogram.raw.functions.auth.**CancelCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 1F040578

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A

**Returns**

bool

### auth.CheckPassword

**class** hydrogram.raw.functions.auth.**CheckPassword**

Telegram API function.

**Details:**

- Layer: 176
- ID: D18B4D16

**Parameters**

**password** (*InputCheckPasswordSRP*) – N/A

**Returns**

*auth.Authorization*

### auth.CheckRecoveryPassword

**class** hydrogram.raw.functions.auth.**CheckRecoveryPassword**

Telegram API function.

**Details:**

- Layer: 176
- ID: D36BF79

**Parameters**

**code** (str) – N/A

**Returns**

bool

### auth.DropTempAuthKeys

**class** hydrogram.raw.functions.auth.**DropTempAuthKeys**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8E48A188

**Parameters**

**except\_auth\_keys** (List of int 64-bit) – N/A

**Returns**

bool

### auth.ExportAuthorization

**class** hydrogram.raw.functions.auth.**ExportAuthorization**

Telegram API function.

**Details:**

- Layer: 176
- ID: E5BFFFCF

**Parameters**

**dc\_id** (int 32-bit) – N/A

**Returns**

*auth.ExportedAuthorization*

### auth.ExportLoginToken

**class** hydrogram.raw.functions.auth.**ExportLoginToken**

Telegram API function.

**Details:**

- Layer: 176
- ID: B7E085FE

**Parameters**

- **api\_id** (int 32-bit) – N/A
- **api\_hash** (str) – N/A
- **except\_ids** (List of int 64-bit) – N/A

**Returns**

*auth.LoginToken*

### auth.ImportAuthorization

**class** hydrogram.raw.functions.auth.ImportAuthorization

Telegram API function.

**Details:**

- Layer: 176
- ID: A57A7DAD

**Parameters**

- **id** (int 64-bit) – N/A
- **bytes** (bytes) – N/A

**Returns**

*auth.Authorization*

### auth.ImportBotAuthorization

**class** hydrogram.raw.functions.auth.ImportBotAuthorization

Telegram API function.

**Details:**

- Layer: 176
- ID: 67A3FF2C

**Parameters**

- **flags** (int 32-bit) – N/A
- **api\_id** (int 32-bit) – N/A
- **api\_hash** (str) – N/A
- **bot\_auth\_token** (str) – N/A

**Returns**

*auth.Authorization*

### auth.ImportLoginToken

**class** hydrogram.raw.functions.auth.ImportLoginToken

Telegram API function.

**Details:**

- Layer: 176
- ID: 95AC5CE4

**Parameters**

**token** (bytes) – N/A

**Returns**

*auth.LoginToken*

### auth.ImportWebTokenAuthorization

**class** hydrogram.raw.functions.auth.ImportWebTokenAuthorization

Telegram API function.

**Details:**

- Layer: 176
- ID: 2DB873A9

**Parameters**

- **api\_id** (int 32-bit) – N/A
- **api\_hash** (str) – N/A
- **web\_auth\_token** (str) – N/A

**Returns**

*auth.Authorization*

### auth.LogOut

**class** hydrogram.raw.functions.auth.LogOut

Telegram API function.

**Details:**

- Layer: 176
- ID: 3E72BA19

**Parameters**

No parameters required.

**Returns**

*auth.LoggedOut*

### auth.RecoverPassword

**class** hydrogram.raw.functions.auth.RecoverPassword

Telegram API function.

**Details:**

- Layer: 176
- ID: 37096C70

**Parameters**

- **code** (str) – N/A
- **new\_settings** (*account.PasswordInputSettings*, optional) – N/A

**Returns**

*auth.Authorization*

### auth.RequestFirebaseSms

**class** hydrogram.raw.functions.auth.**RequestFirebaseSms**

Telegram API function.

**Details:**

- Layer: 176
- ID: 89464B50

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A
- **safety\_net\_token** (str, *optional*) – N/A
- **ios\_push\_secret** (str, *optional*) – N/A

**Returns**

bool

### auth.RequestPasswordRecovery

**class** hydrogram.raw.functions.auth.**RequestPasswordRecovery**

Telegram API function.

**Details:**

- Layer: 176
- ID: D897BC66

**Parameters**

No parameters required.

**Returns**

*auth.PasswordRecovery*

### auth.ResendCode

**class** hydrogram.raw.functions.auth.**ResendCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3EF1A9BF

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A

**Returns**

*auth.SentCode*

### auth.ResetAuthorizations

**class** hydrogram.raw.functions.auth.ResetAuthorizations

Telegram API function.

**Details:**

- Layer: 176
- ID: 9FAB0D1A

**Parameters**

No parameters required.

**Returns**

bool

### auth.ResetLoginEmail

**class** hydrogram.raw.functions.auth.ResetLoginEmail

Telegram API function.

**Details:**

- Layer: 176
- ID: 7E960193

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A

**Returns**

*auth.SentCode*

### auth.SendCode

**class** hydrogram.raw.functions.auth.SendCode

Telegram API function.

**Details:**

- Layer: 176
- ID: A677244F

**Parameters**

- **phone\_number** (str) – N/A
- **api\_id** (int 32-bit) – N/A
- **api\_hash** (str) – N/A
- **settings** (*CodeSettings*) – N/A

**Returns**

*auth.SentCode*

## auth.SignIn

**class** hydrogram.raw.functions.auth.**SignIn**

Telegram API function.

### Details:

- Layer: 176
- ID: 8D52A951

### Parameters

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A
- **phone\_code** (str, *optional*) – N/A
- **email\_verification** (*EmailVerification*, *optional*) – N/A

### Returns

*auth.Authorization*

## auth.SignUp

**class** hydrogram.raw.functions.auth.**SignUp**

Telegram API function.

### Details:

- Layer: 176
- ID: AAC7B717

### Parameters

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **no\_joined\_notifications** (bool, *optional*) – N/A

### Returns

*auth.Authorization*

## Bots

### bots.AllowSendMessage

**class** hydrogram.raw.functions.bots.**AllowSendMessage**

Telegram API function.

### Details:

- Layer: 176



- ID: F132E3EF

**Parameters**

**bot** (*InputUser*) – N/A

**Returns**

*Updates*

**bots.AnswerWebhookJSONQuery**

**class** hydrogram.raw.functions.bots.**AnswerWebhookJSONQuery**

Telegram API function.

**Details:**

- Layer: 176
- ID: E6213F4D

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **data** (*DataJSON*) – N/A

**Returns**

bool

**bots.CanSendMessage**

**class** hydrogram.raw.functions.bots.**CanSendMessage**

Telegram API function.

**Details:**

- Layer: 176
- ID: 1359F4E6

**Parameters**

**bot** (*InputUser*) – N/A

**Returns**

bool

**bots.GetBotCommands**

**class** hydrogram.raw.functions.bots.**GetBotCommands**

Telegram API function.

**Details:**

- Layer: 176
- ID: E34C0DD6

**Parameters**

- **scope** (*BotCommandScope*) – N/A
- **lang\_code** (str) – N/A

**Returns**

List of *BotCommand*

## **bots.GetBotInfo**

**class** hydrogram.raw.functions.bots.**GetBotInfo**

Telegram API function.

**Details:**

- Layer: 176
- ID: DCD914FD

**Parameters**

- **lang\_code** (str) – N/A
- **bot** (*InputUser*, optional) – N/A

**Returns**

*bots.BotInfo*

## **bots.GetBotMenuButton**

**class** hydrogram.raw.functions.bots.**GetBotMenuButton**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9C60EB28

**Parameters**

**user\_id** (*InputUser*) – N/A

**Returns**

*BotMenuButton*

## **bots.InvokeWebViewCustomMethod**

**class** hydrogram.raw.functions.bots.**InvokeWebViewCustomMethod**

Telegram API function.

**Details:**

- Layer: 176
- ID: 87FC5E7

**Parameters**

- **bot** (*InputUser*) – N/A

- **custom\_method** (str) – N/A
- **params** (*DataJSON*) – N/A

**Returns***DataJSON***bots.ReorderUsernames****class** hydrogram.raw.functions.bots.**ReorderUsernames**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9709B1C2

**Parameters**

- **bot** (*InputUser*) – N/A
- **order** (List of str) – N/A

**Returns**

bool

**bots.ResetBotCommands****class** hydrogram.raw.functions.bots.**ResetBotCommands**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3D8DE0F9

**Parameters**

- **scope** (*BotCommandScope*) – N/A
- **lang\_code** (str) – N/A

**Returns**

bool

**bots.SendCustomRequest****class** hydrogram.raw.functions.bots.**SendCustomRequest**

Telegram API function.

**Details:**

- Layer: 176
- ID: AA2769ED

**Parameters**

- **custom\_method** (str) – N/A
- **params** (*DataJSON*) – N/A

**Returns**

*DataJSON*

### **bots.SetBotBroadcastDefaultAdminRights**

**class** hydrogram.raw.functions.bots.**SetBotBroadcastDefaultAdminRights**

Telegram API function.

**Details:**

- Layer: 176
- ID: 788464E1

**Parameters**

**admin\_rights** (*ChatAdminRights*) – N/A

**Returns**

bool

### **bots.SetBotCommands**

**class** hydrogram.raw.functions.bots.**SetBotCommands**

Telegram API function.

**Details:**

- Layer: 176
- ID: 517165A

**Parameters**

- **scope** (*BotCommandScope*) – N/A
- **lang\_code** (str) – N/A
- **commands** (List of *BotCommand*) – N/A

**Returns**

bool

### **bots.SetBotGroupDefaultAdminRights**

**class** hydrogram.raw.functions.bots.**SetBotGroupDefaultAdminRights**

Telegram API function.

**Details:**

- Layer: 176
- ID: 925EC9EA

**Parameters****admin\_rights** (*ChatAdminRights*) – N/A**Returns**

bool

**bots.SetBotInfo****class** hydrogram.raw.functions.bots.**SetBotInfo**

Telegram API function.

**Details:**

- Layer: 176
- ID: 10CF3123

**Parameters**

- **lang\_code** (str) – N/A
- **bot** (*InputUser*, optional) – N/A
- **name** (str, optional) – N/A
- **about** (str, optional) – N/A
- **description** (str, optional) – N/A

**Returns**

bool

**bots.SetBotMenuButton****class** hydrogram.raw.functions.bots.**SetBotMenuButton**

Telegram API function.

**Details:**

- Layer: 176
- ID: 4504D54F

**Parameters**

- **user\_id** (*InputUser*) – N/A
- **button** (*BotMenuButton*) – N/A

**Returns**

bool

## **bots.ToggleUsername**

**class** hydrogram.raw.functions.bots.ToggleUsername

Telegram API function.

### **Details:**

- Layer: 176
- ID: 53CA973

### **Parameters**

- **bot** (*InputUser*) – N/A
- **username** (str) – N/A
- **active** (bool) – N/A

### **Returns**

bool

## **Channels**

### **channels.CheckUsername**

**class** hydrogram.raw.functions.channels.CheckUsername

Telegram API function.

### **Details:**

- Layer: 176
- ID: 10E6BD2C

### **Parameters**

- **channel** (*InputChannel*) – N/A
- **username** (str) – N/A

### **Returns**

bool

### **channels.ClickSponsoredMessage**

**class** hydrogram.raw.functions.channels.ClickSponsoredMessage

Telegram API function.

### **Details:**

- Layer: 176
- ID: 18AFBC93

### **Parameters**

- **channel** (*InputChannel*) – N/A
- **random\_id** (bytes) – N/A

**Returns**

bool

**channels.ConvertToGigagroup****class** hydrogram.raw.functions.channels.ConvertToGigagroup

Telegram API function.

**Details:**

- Layer: 176
- ID: B290C69

**Parameters****channel** (*InputChannel*) – N/A**Returns***Updates***channels.CreateChannel****class** hydrogram.raw.functions.channels.CreateChannel

Telegram API function.

**Details:**

- Layer: 176
- ID: 91006707

**Parameters**

- **title** (str) – N/A
- **about** (str) – N/A
- **broadcast** (bool, *optional*) – N/A
- **megagroup** (bool, *optional*) – N/A
- **for\_import** (bool, *optional*) – N/A
- **forum** (bool, *optional*) – N/A
- **geo\_point** (*InputGeoPoint*, *optional*) – N/A
- **address** (str, *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

**Returns***Updates*

### **channels.CreateForumTopic**

**class** hydrogram.raw.functions.channels.CreateForumTopic

Telegram API function.

**Details:**

- Layer: 176
- ID: F40C0224

**Parameters**

- **channel** (*InputChannel*) – N/A
- **title** (str) – N/A
- **random\_id** (int 64-bit) – N/A
- **icon\_color** (int 32-bit, *optional*) – N/A
- **icon\_emoji\_id** (int 64-bit, *optional*) – N/A
- **send\_as** (*InputPeer*, *optional*) – N/A

**Returns**

*Updates*

### **channels.DeactivateAllUsernames**

**class** hydrogram.raw.functions.channels.DeactivateAllUsernames

Telegram API function.

**Details:**

- Layer: 176
- ID: A245DD3

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

bool

### **channels.DeleteChannel**

**class** hydrogram.raw.functions.channels.DeleteChannel

Telegram API function.

**Details:**

- Layer: 176
- ID: C0111FE3

**Parameters**

**channel** (*InputChannel*) – N/A



**Returns***Updates***channels.DeleteHistory****class** hydrogram.raw.functions.channels.DeleteHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: 9BAA9647

**Parameters**

- **channel** (*InputChannel*) – N/A
- **max\_id** (int 32-bit) – N/A
- **for\_everyone** (bool, *optional*) – N/A

**Returns***Updates***channels.DeleteMessages****class** hydrogram.raw.functions.channels.DeleteMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 84C1FD4E

**Parameters**

- **channel** (*InputChannel*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns***messages.AffectedMessages***channels.DeleteParticipantHistory****class** hydrogram.raw.functions.channels.DeleteParticipantHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: 367544DB

**Parameters**

- **channel** (*InputChannel*) – N/A

- **participant** (*InputPeer*) – N/A

**Returns**

*messages.AffectedHistory*

### **channels.DeleteTopicHistory**

**class** hydrogram.raw.functions.channels.DeleteTopicHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: 34435F2D

**Parameters**

- **channel** (*InputChannel*) – N/A
- **top\_msg\_id** (int 32-bit) – N/A

**Returns**

*messages.AffectedHistory*

### **channels.EditAdmin**

**class** hydrogram.raw.functions.channels.EditAdmin

Telegram API function.

**Details:**

- Layer: 176
- ID: D33C8902

**Parameters**

- **channel** (*InputChannel*) – N/A
- **user\_id** (*InputUser*) – N/A
- **admin\_rights** (*ChatAdminRights*) – N/A
- **rank** (str) – N/A

**Returns**

*Updates*

## channels.EditBanned

**class** hydrogram.raw.functions.channels.EditBanned

Telegram API function.

### Details:

- Layer: 176
- ID: 96E6CD81

### Parameters

- **channel** (*InputChannel*) – N/A
- **participant** (*InputPeer*) – N/A
- **banned\_rights** (*ChatBannedRights*) – N/A

### Returns

*Updates*

## channels.EditCreator

**class** hydrogram.raw.functions.channels.EditCreator

Telegram API function.

### Details:

- Layer: 176
- ID: 8F38CD1F

### Parameters

- **channel** (*InputChannel*) – N/A
- **user\_id** (*InputUser*) – N/A
- **password** (*InputCheckPasswordSRP*) – N/A

### Returns

*Updates*

## channels.EditForumTopic

**class** hydrogram.raw.functions.channels.EditForumTopic

Telegram API function.

### Details:

- Layer: 176
- ID: F4DFA185

### Parameters

- **channel** (*InputChannel*) – N/A
- **topic\_id** (int 32-bit) – N/A

- **title** (str, *optional*) – N/A
- **icon\_emoji\_id** (int 64-bit, *optional*) – N/A
- **closed** (bool, *optional*) – N/A
- **hidden** (bool, *optional*) – N/A

**Returns**

*Updates*

### **channels.EditLocation**

**class** hydrogram.raw.functions.channels.**EditLocation**

Telegram API function.

**Details:**

- Layer: 176
- ID: 58E63F6D

**Parameters**

- **channel** (*InputChannel*) – N/A
- **geo\_point** (*InputGeoPoint*) – N/A
- **address** (str) – N/A

**Returns**

bool

### **channels.EditPhoto**

**class** hydrogram.raw.functions.channels.**EditPhoto**

Telegram API function.

**Details:**

- Layer: 176
- ID: F12E57C9

**Parameters**

- **channel** (*InputChannel*) – N/A
- **photo** (*InputChatPhoto*) – N/A

**Returns**

*Updates*

### channels.EditTitle

**class** hydrogram.raw.functions.channels.EditTitle

Telegram API function.

**Details:**

- Layer: 176
- ID: 566DECD0

**Parameters**

- **channel** (*InputChannel*) – N/A
- **title** (str) – N/A

**Returns**

*Updates*

### channels.ExportMessageLink

**class** hydrogram.raw.functions.channels.ExportMessageLink

Telegram API function.

**Details:**

- Layer: 176
- ID: E63FADEB

**Parameters**

- **channel** (*InputChannel*) – N/A
- **id** (int 32-bit) – N/A
- **grouped** (bool, *optional*) – N/A
- **thread** (bool, *optional*) – N/A

**Returns**

*ExportedMessageLink*

### channels.GetAdminLog

**class** hydrogram.raw.functions.channels.GetAdminLog

Telegram API function.

**Details:**

- Layer: 176
- ID: 33DDF480

**Parameters**

- **channel** (*InputChannel*) – N/A
- **q** (str) – N/A

- **max\_id** (int 64-bit) – N/A
- **min\_id** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A
- **events\_filter** (*ChannelAdminLogEventsFilter*, optional) – N/A
- **admins** (List of *InputUser*, optional) – N/A

**Returns**

*channels.AdminLogResults*

### **channels.GetAdmindedPublicChannels**

**class** hydrogram.raw.functions.channels.**GetAdmindedPublicChannels**

Telegram API function.

**Details:**

- Layer: 176
- ID: F8B036AF

**Parameters**

- **by\_location** (bool, optional) – N/A
- **check\_limit** (bool, optional) – N/A

**Returns**

*messages.Chats*

### **channels.GetChannelRecommendations**

**class** hydrogram.raw.functions.channels.**GetChannelRecommendations**

Telegram API function.

**Details:**

- Layer: 176
- ID: 83B70D97

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

*messages.Chats*

### channels.GetChannels

**class** hydrogram.raw.functions.channels.GetChannels

Telegram API function.

**Details:**

- Layer: 176
- ID: A7F6BBB

**Parameters**

**id** (List of *InputChannel*) – N/A

**Returns**

*messages.Chats*

### channels.GetForumTopics

**class** hydrogram.raw.functions.channels.GetForumTopics

Telegram API function.

**Details:**

- Layer: 176
- ID: DE560D1

**Parameters**

- **channel** (*InputChannel*) – N/A
- **offset\_date** (int 32-bit) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_topic** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **q** (str, *optional*) – N/A

**Returns**

*messages.ForumTopics*

### channels.GetForumTopicsByID

**class** hydrogram.raw.functions.channels.GetForumTopicsByID

Telegram API function.

**Details:**

- Layer: 176
- ID: B0831EB9

**Parameters**

- **channel** (*InputChannel*) – N/A

- **topics** (List of int 32-bit) – N/A

**Returns**

*messages.ForumTopics*

### **channels.GetFullChannel**

**class** hydrogram.raw.functions.channels.**GetFullChannel**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8736A09

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

*messages.ChatFull*

### **channels.GetGroupsForDiscussion**

**class** hydrogram.raw.functions.channels.**GetGroupsForDiscussion**

Telegram API function.

**Details:**

- Layer: 176
- ID: F5DAD378

**Parameters**

**No parameters required.**

**Returns**

*messages.Chats*

### **channels.GetInactiveChannels**

**class** hydrogram.raw.functions.channels.**GetInactiveChannels**

Telegram API function.

**Details:**

- Layer: 176
- ID: 11E831EE

**Parameters**

**No parameters required.**

**Returns**

*messages.InactiveChats*



### channels.GetLeftChannels

**class** hydrogram.raw.functions.channels.GetLeftChannels

Telegram API function.

**Details:**

- Layer: 176
- ID: 8341ECC0

**Parameters**

**offset** (int 32-bit) – N/A

**Returns**

*messages.Chats*

### channels.GetMessages

**class** hydrogram.raw.functions.channels.GetMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: AD8C9A23

**Parameters**

- **channel** (*InputChannel*) – N/A
- **id** (List of *InputMessage*) – N/A

**Returns**

*messages.Messages*

### channels.GetParticipant

**class** hydrogram.raw.functions.channels.GetParticipant

Telegram API function.

**Details:**

- Layer: 176
- ID: A0AB6CC6

**Parameters**

- **channel** (*InputChannel*) – N/A
- **participant** (*InputPeer*) – N/A

**Returns**

*channels.ChannelParticipant*

### channels.GetParticipants

**class** hydrogram.raw.functions.channels.GetParticipants

Telegram API function.

**Details:**

- Layer: 176
- ID: 77CED9D0

**Parameters**

- **channel** (*InputChannel*) – N/A
- **filter** (*ChannelParticipantsFilter*) – N/A
- **offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*channels.ChannelParticipants*

### channels.GetSendAs

**class** hydrogram.raw.functions.channels.GetSendAs

Telegram API function.

**Details:**

- Layer: 176
- ID: DC770EE

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*channels.SendAsPeers*

### channels.GetSponsoredMessages

**class** hydrogram.raw.functions.channels.GetSponsoredMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: EC210FBF

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

*messages.SponsoredMessages*

### channels.InviteToChannel

**class** hydrogram.raw.functions.channels.InviteToChannel

Telegram API function.

**Details:**

- Layer: 176
- ID: 199F3A6C

**Parameters**

- **channel** (*InputChannel*) – N/A
- **users** (List of *InputUser*) – N/A

**Returns**

*Updates*

### channels.JoinChannel

**class** hydrogram.raw.functions.channels.JoinChannel

Telegram API function.

**Details:**

- Layer: 176
- ID: 24B524C5

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

*Updates*

### channels.LeaveChannel

**class** hydrogram.raw.functions.channels.LeaveChannel

Telegram API function.

**Details:**

- Layer: 176
- ID: F836AA95

**Parameters**

**channel** (*InputChannel*) – N/A

**Returns**

*Updates*

### **channels.ReadHistory**

**class** hydrogram.raw.functions.channels.**ReadHistory**

Telegram API function.

**Details:**

- Layer: 176
- ID: CC104937

**Parameters**

- **channel** (*InputChannel*) – N/A
- **max\_id** (int 32-bit) – N/A

**Returns**

bool

### **channels.ReadMessageContents**

**class** hydrogram.raw.functions.channels.**ReadMessageContents**

Telegram API function.

**Details:**

- Layer: 176
- ID: EAB5DC38

**Parameters**

- **channel** (*InputChannel*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

bool

### **channels.ReorderPinnedForumTopics**

**class** hydrogram.raw.functions.channels.**ReorderPinnedForumTopics**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2950A18F

**Parameters**

- **channel** (*InputChannel*) – N/A
- **order** (List of int 32-bit) – N/A
- **force** (bool, *optional*) – N/A

**Returns**

*Updates*

### channels.ReorderUsernames

**class** hydrogram.raw.functions.channels.ReorderUsernames

Telegram API function.

**Details:**

- Layer: 176
- ID: B45CED1D

**Parameters**

- **channel** (*InputChannel*) – N/A
- **order** (List of str) – N/A

**Returns**

bool

### channels.ReportAntiSpamFalsePositive

**class** hydrogram.raw.functions.channels.ReportAntiSpamFalsePositive

Telegram API function.

**Details:**

- Layer: 176
- ID: A850A693

**Parameters**

- **channel** (*InputChannel*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

bool

### channels.ReportSpam

**class** hydrogram.raw.functions.channels.ReportSpam

Telegram API function.

**Details:**

- Layer: 176
- ID: F44A8315

**Parameters**

- **channel** (*InputChannel*) – N/A
- **participant** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

bool

### **channels.SetBoostsToUnblockRestrictions**

**class** hydrogram.raw.functions.channels.SetBoostsToUnblockRestrictions

Telegram API function.

**Details:**

- Layer: 176
- ID: AD399CEE

**Parameters**

- **channel** (*InputChannel*) – N/A
- **boosts** (int 32-bit) – N/A

**Returns**

*Updates*

### **channels.SetDiscussionGroup**

**class** hydrogram.raw.functions.channels.SetDiscussionGroup

Telegram API function.

**Details:**

- Layer: 176
- ID: 40582BB2

**Parameters**

- **broadcast** (*InputChannel*) – N/A
- **group** (*InputChannel*) – N/A

**Returns**

bool

### **channels.SetEmojiStickers**

**class** hydrogram.raw.functions.channels.SetEmojiStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: 3CD930B7

**Parameters**

- **channel** (*InputChannel*) – N/A
- **stickerset** (*InputStickerSet*) – N/A

**Returns**

bool

### channels.SetStickers

**class** hydrogram.raw.functions.channels.SetStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: EA8CA4F9

**Parameters**

- **channel** (*InputChannel*) – N/A
- **stickerset** (*InputStickerSet*) – N/A

**Returns**

bool

### channels.ToggleAntiSpam

**class** hydrogram.raw.functions.channels.ToggleAntiSpam

Telegram API function.

**Details:**

- Layer: 176
- ID: 68F3E4EB

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### channels.ToggleForum

**class** hydrogram.raw.functions.channels.ToggleForum

Telegram API function.

**Details:**

- Layer: 176
- ID: A4298B29

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### **channels.ToggleJoinRequest**

**class** hydrogram.raw.functions.channels.ToggleJoinRequest

Telegram API function.

**Details:**

- Layer: 176
- ID: 4C2985B6

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### **channels.ToggleJoinToSend**

**class** hydrogram.raw.functions.channels.ToggleJoinToSend

Telegram API function.

**Details:**

- Layer: 176
- ID: E4CB9580

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### **channels.ToggleParticipantsHidden**

**class** hydrogram.raw.functions.channels.ToggleParticipantsHidden

Telegram API function.

**Details:**

- Layer: 176
- ID: 6A6E7854

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*



### channels.TogglePreHistoryHidden

**class** hydrogram.raw.functions.channels.TogglePreHistoryHidden

Telegram API function.

**Details:**

- Layer: 176
- ID: EABBB94C

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### channels.ToggleSignatures

**class** hydrogram.raw.functions.channels.ToggleSignatures

Telegram API function.

**Details:**

- Layer: 176
- ID: 1F69B606

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### channels.ToggleSlowMode

**class** hydrogram.raw.functions.channels.ToggleSlowMode

Telegram API function.

**Details:**

- Layer: 176
- ID: EDD49EF0

**Parameters**

- **channel** (*InputChannel*) – N/A
- **seconds** (int 32-bit) – N/A

**Returns**

*Updates*

### channels.ToggleUsername

**class** hydrogram.raw.functions.channels.ToggleUsername

Telegram API function.

**Details:**

- Layer: 176
- ID: 50F24105

**Parameters**

- **channel** (*InputChannel*) – N/A
- **username** (str) – N/A
- **active** (bool) – N/A

**Returns**

bool

### channels.ToggleViewForumAsMessages

**class** hydrogram.raw.functions.channels.ToggleViewForumAsMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 9738BB15

**Parameters**

- **channel** (*InputChannel*) – N/A
- **enabled** (bool) – N/A

**Returns**

*Updates*

### channels.UpdateColor

**class** hydrogram.raw.functions.channels.UpdateColor

Telegram API function.

**Details:**

- Layer: 176
- ID: D8AA3671

**Parameters**

- **channel** (*InputChannel*) – N/A
- **for\_profile** (bool, *optional*) – N/A
- **color** (int 32-bit, *optional*) – N/A

- **background\_emoji\_id** (int 64-bit, *optional*) – N/A

**Returns***Updates***channels.UpdateEmojiStatus****class** hydrogram.raw.functions.channels.UpdateEmojiStatus

Telegram API function.

**Details:**

- Layer: 176
- ID: F0D3E6A8

**Parameters**

- **channel** (*InputChannel*) – N/A
- **emoji\_status** (*EmojiStatus*) – N/A

**Returns***Updates***channels.UpdatePinnedForumTopic****class** hydrogram.raw.functions.channels.UpdatePinnedForumTopic

Telegram API function.

**Details:**

- Layer: 176
- ID: 6C2D9026

**Parameters**

- **channel** (*InputChannel*) – N/A
- **topic\_id** (int 32-bit) – N/A
- **pinned** (bool) – N/A

**Returns***Updates***channels.UpdateUsername****class** hydrogram.raw.functions.channels.UpdateUsername

Telegram API function.

**Details:**

- Layer: 176
- ID: 3514B3DE

**Parameters**

- **channel** (*InputChannel*) – N/A
- **username** (str) – N/A

**Returns**

bool

### **channels.ViewSponsoredMessage**

**class** hydrogram.raw.functions.channels.**ViewSponsoredMessage**

Telegram API function.

**Details:**

- Layer: 176
- ID: BEAEDB94

**Parameters**

- **channel** (*InputChannel*) – N/A
- **random\_id** (bytes) – N/A

**Returns**

bool

## **Chatlists**

### **chatlists.CheckChatlistInvite**

**class** hydrogram.raw.functions.chatlists.**CheckChatlistInvite**

Telegram API function.

**Details:**

- Layer: 176
- ID: 41C10FFF

**Parameters**

**slug** (str) – N/A

**Returns**

*chatlists.ChatlistInvite*

### **chatlists.DeleteExportedInvite**

**class** hydrogram.raw.functions.chatlists.**DeleteExportedInvite**

Telegram API function.

**Details:**

- Layer: 176
- ID: 719C5C5E

**Parameters**

- **chatlist** (*InputChatlist*) – N/A
- **slug** (str) – N/A

**Returns**

bool

**chatlists.EditExportedInvite****class** hydrogram.raw.functions.chatlists.**EditExportedInvite**

Telegram API function.

**Details:**

- Layer: 176
- ID: 653DB63D

**Parameters**

- **chatlist** (*InputChatlist*) – N/A
- **slug** (str) – N/A
- **title** (str, *optional*) – N/A
- **peers** (List of *InputPeer*, *optional*) – N/A

**Returns***ExportedChatlistInvite***chatlists.ExportChatlistInvite****class** hydrogram.raw.functions.chatlists.**ExportChatlistInvite**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8472478E

**Parameters**

- **chatlist** (*InputChatlist*) – N/A
- **title** (str) – N/A
- **peers** (List of *InputPeer*) – N/A

**Returns***chatlists.ExportChatlistInvite*

### chatlists.GetChatlistUpdates

**class** hydrogram.raw.functions.chatlists.GetChatlistUpdates

Telegram API function.

**Details:**

- Layer: 176
- ID: 89419521

**Parameters**

**chatlist** (*InputChatlist*) – N/A

**Returns**

*chatlists.ChatlistUpdates*

### chatlists.GetExportedInvites

**class** hydrogram.raw.functions.chatlists.GetExportedInvites

Telegram API function.

**Details:**

- Layer: 176
- ID: CE03DA83

**Parameters**

**chatlist** (*InputChatlist*) – N/A

**Returns**

*chatlists.ExportedInvites*

### chatlists.GetLeaveChatlistSuggestions

**class** hydrogram.raw.functions.chatlists.GetLeaveChatlistSuggestions

Telegram API function.

**Details:**

- Layer: 176
- ID: FDBCD714

**Parameters**

**chatlist** (*InputChatlist*) – N/A

**Returns**

List of *Peer*

**chatlists.HideChatlistUpdates**

**class** hydrogram.raw.functions.chatlists.HideChatlistUpdates

Telegram API function.

**Details:**

- Layer: 176
- ID: 66E486FB

**Parameters**

**chatlist** (*InputChatlist*) – N/A

**Returns**

bool

**chatlists.JoinChatlistInvite**

**class** hydrogram.raw.functions.chatlists.JoinChatlistInvite

Telegram API function.

**Details:**

- Layer: 176
- ID: A6B1E39A

**Parameters**

- **slug** (str) – N/A
- **peers** (List of *InputPeer*) – N/A

**Returns**

*Updates*

**chatlists.JoinChatlistUpdates**

**class** hydrogram.raw.functions.chatlists.JoinChatlistUpdates

Telegram API function.

**Details:**

- Layer: 176
- ID: E089F8F5

**Parameters**

- **chatlist** (*InputChatlist*) – N/A
- **peers** (List of *InputPeer*) – N/A

**Returns**

*Updates*

### chatlists.LeaveChatlist

**class** hydrogram.raw.functions.chatlists.LeaveChatlist

Telegram API function.

#### Details:

- Layer: 176
- ID: 74FAE13A

#### Parameters

- **chatlist** (*InputChatlist*) – N/A
- **peers** (List of *InputPeer*) – N/A

#### Returns

*Updates*

### Contacts

### contacts.AcceptContact

**class** hydrogram.raw.functions.contacts.AcceptContact

Telegram API function.

#### Details:

- Layer: 176
- ID: F831A20F

#### Parameters

**id** (*InputUser*) – N/A

#### Returns

*Updates*

### contacts.AddContact

**class** hydrogram.raw.functions.contacts.AddContact

Telegram API function.

#### Details:

- Layer: 176
- ID: E8F463D0

#### Parameters

- **id** (*InputUser*) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **phone** (str) – N/A



- **add\_phone\_privacy\_exception** (bool, *optional*) – N/A

**Returns***Updates***contacts.Block****class** hydrogram.raw.functions.contacts.**Block**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2E2E8734

**Parameters**

- **id** (*InputPeer*) – N/A
- **my\_stories\_from** (bool, *optional*) – N/A

**Returns**

bool

**contacts.BlockFromReplies****class** hydrogram.raw.functions.contacts.**BlockFromReplies**

Telegram API function.

**Details:**

- Layer: 176
- ID: 29A8962C

**Parameters**

- **msg\_id** (int 32-bit) – N/A
- **delete\_message** (bool, *optional*) – N/A
- **delete\_history** (bool, *optional*) – N/A
- **report\_spam** (bool, *optional*) – N/A

**Returns***Updates*

### contacts.DeleteByPhones

**class** hydrogram.raw.functions.contacts.DeleteByPhones

Telegram API function.

**Details:**

- Layer: 176
- ID: 1013FD9E

**Parameters**

**phones** (List of `str`) – N/A

**Returns**

`bool`

### contacts.DeleteContacts

**class** hydrogram.raw.functions.contacts.DeleteContacts

Telegram API function.

**Details:**

- Layer: 176
- ID: 96A0E00

**Parameters**

**id** (List of *`InputUser`*) – N/A

**Returns**

*`Updates`*

### contacts.EditCloseFriends

**class** hydrogram.raw.functions.contacts.EditCloseFriends

Telegram API function.

**Details:**

- Layer: 176
- ID: BA6705F0

**Parameters**

**id** (List of `int` 64-bit) – N/A

**Returns**

`bool`

**contacts.ExportContactToken**

**class** hydrogram.raw.functions.contacts.**ExportContactToken**

Telegram API function.

**Details:**

- Layer: 176
- ID: F8654027

**Parameters**

No parameters required.

**Returns**

*ExportedContactToken*

**contacts.GetBlocked**

**class** hydrogram.raw.functions.contacts.**GetBlocked**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9A868F80

**Parameters**

- **offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **my\_stories\_from** (bool, *optional*) – N/A

**Returns**

*contacts.Blocked*

**contacts.GetContactIDs**

**class** hydrogram.raw.functions.contacts.**GetContactIDs**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7ADC669D

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

List of int 32-bit

### **contacts.GetContacts**

**class** hydrogram.raw.functions.contacts.**GetContacts**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5DD69E12

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*contacts.Contacts*

### **contacts.GetLocated**

**class** hydrogram.raw.functions.contacts.**GetLocated**

Telegram API function.

**Details:**

- Layer: 176
- ID: D348BC44

**Parameters**

- **geo\_point** (*InputGeoPoint*) – N/A
- **background** (bool, *optional*) – N/A
- **self\_expires** (int 32-bit, *optional*) – N/A

**Returns**

*Updates*

### **contacts.GetSaved**

**class** hydrogram.raw.functions.contacts.**GetSaved**

Telegram API function.

**Details:**

- Layer: 176
- ID: 82F1E39F

**Parameters**

**No parameters required.**

**Returns**

List of *SavedContact*

## contacts.GetStatuses

**class** hydrogram.raw.functions.contacts.**GetStatuses**

Telegram API function.

### Details:

- Layer: 176
- ID: C4A353EE

### Parameters

No parameters required.

### Returns

List of *ContactStatus*

## contacts.GetTopPeers

**class** hydrogram.raw.functions.contacts.**GetTopPeers**

Telegram API function.

### Details:

- Layer: 176
- ID: 973478B6

### Parameters

- **offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A
- **correspondents** (bool, *optional*) – N/A
- **bots\_pm** (bool, *optional*) – N/A
- **bots\_inline** (bool, *optional*) – N/A
- **phone\_calls** (bool, *optional*) – N/A
- **forward\_users** (bool, *optional*) – N/A
- **forward\_chats** (bool, *optional*) – N/A
- **groups** (bool, *optional*) – N/A
- **channels** (bool, *optional*) – N/A

### Returns

*contacts.TopPeers*

### **contacts.ImportContactToken**

**class** hydrogram.raw.functions.contacts.**ImportContactToken**

Telegram API function.

**Details:**

- Layer: 176
- ID: 13005788

**Parameters**

**token** (str) – N/A

**Returns**

*User*

### **contacts.ImportContacts**

**class** hydrogram.raw.functions.contacts.**ImportContacts**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2C800BE5

**Parameters**

**contacts** (List of *InputContact*) – N/A

**Returns**

*contacts.ImportedContacts*

### **contacts.ResetSaved**

**class** hydrogram.raw.functions.contacts.**ResetSaved**

Telegram API function.

**Details:**

- Layer: 176
- ID: 879537F1

**Parameters**

No parameters required.

**Returns**

bool

### **contacts.ResetTopPeerRating**

**class** hydrogram.raw.functions.contacts.ResetTopPeerRating

Telegram API function.

**Details:**

- Layer: 176
- ID: 1AE373AC

**Parameters**

- **category** (*TopPeerCategory*) – N/A
- **peer** (*InputPeer*) – N/A

**Returns**

bool

### **contacts.ResolvePhone**

**class** hydrogram.raw.functions.contacts.ResolvePhone

Telegram API function.

**Details:**

- Layer: 176
- ID: 8AF94344

**Parameters**

**phone** (str) – N/A

**Returns**

*contacts.ResolvedPeer*

### **contacts.ResolveUsername**

**class** hydrogram.raw.functions.contacts.ResolveUsername

Telegram API function.

**Details:**

- Layer: 176
- ID: F93CCBA3

**Parameters**

**username** (str) – N/A

**Returns**

*contacts.ResolvedPeer*

### contacts.Search

**class** hydrogram.raw.functions.contacts.Search

Telegram API function.

**Details:**

- Layer: 176
- ID: 11F812D8

**Parameters**

- **q** (str) – N/A
- **limit** (int 32-bit) – N/A

**Returns**

*contacts.Found*

### contacts.SetBlocked

**class** hydrogram.raw.functions.contacts.SetBlocked

Telegram API function.

**Details:**

- Layer: 176
- ID: 94C65C76

**Parameters**

- **id** (List of *InputPeer*) – N/A
- **limit** (int 32-bit) – N/A
- **my\_stories\_from** (bool, *optional*) – N/A

**Returns**

bool

### contacts.ToggleTopPeers

**class** hydrogram.raw.functions.contacts.ToggleTopPeers

Telegram API function.

**Details:**

- Layer: 176
- ID: 8514BDDA

**Parameters**

**enabled** (bool) – N/A

**Returns**

bool



**contacts.Unblock**

**class** hydrogram.raw.functions.contacts.Unblock

Telegram API function.

**Details:**

- Layer: 176
- ID: B550D328

**Parameters**

- **id** (*InputPeer*) – N/A
- **my\_stories\_from** (bool, *optional*) – N/A

**Returns**

bool

**Contest****contest.SaveDeveloperInfo**

**class** hydrogram.raw.functions.contest.SaveDeveloperInfo

Telegram API function.

**Details:**

- Layer: 176
- ID: 9A5F6E95

**Parameters**

- **vk\_id** (int 32-bit) – N/A
- **name** (str) – N/A
- **phone\_number** (str) – N/A
- **age** (int 32-bit) – N/A
- **city** (str) – N/A

**Returns**

bool

**Folders****folders.EditPeerFolders**

**class** hydrogram.raw.functions.folders.EditPeerFolders

Telegram API function.

**Details:**

- Layer: 176
- ID: 6847D0AB

**Parameters**

**folder\_peers** (List of *InputFolderPeer*) – N/A

**Returns**

*Updates*

## Help

### help.AcceptTermsOfService

**class** hydrogram.raw.functions.help.**AcceptTermsOfService**

Telegram API function.

**Details:**

- Layer: 176
- ID: EE72F79A

**Parameters**

**id** (*DataJSON*) – N/A

**Returns**

bool

### help.DismissSuggestion

**class** hydrogram.raw.functions.help.**DismissSuggestion**

Telegram API function.

**Details:**

- Layer: 176
- ID: F50DBAA1

**Parameters**

- **peer** (*InputPeer*) – N/A
- **suggestion** (str) – N/A

**Returns**

bool

### help.EditUserInfo

**class** hydrogram.raw.functions.help.**EditUserInfo**

Telegram API function.

**Details:**

- Layer: 176
- ID: 66B91B70

**Parameters**

- **user\_id** (*InputUser*) – N/A
- **message** (str) – N/A
- **entities** (List of *MessageEntity*) – N/A

**Returns***help.UserInfo***help.GetAppConfig****class** hydrogram.raw.functions.help.GetAppConfig

Telegram API function.

**Details:**

- Layer: 176
- ID: 61E3F854

**Parameters****hash** (int 32-bit) – N/A**Returns***help.AppConfig***help.GetAppUpdate****class** hydrogram.raw.functions.help.GetAppUpdate

Telegram API function.

**Details:**

- Layer: 176
- ID: 522D5A7D

**Parameters****source** (str) – N/A**Returns***help.AppUpdate***help.GetCdnConfig****class** hydrogram.raw.functions.help.GetCdnConfig

Telegram API function.

**Details:**

- Layer: 176
- ID: 52029342

**Parameters**

No parameters required.

**Returns**

*CdnConfig*

## help.GetConfig

**class** hydrogram.raw.functions.help.GetConfig

Telegram API function.

**Details:**

- Layer: 176
- ID: C4F9186B

**Parameters**

No parameters required.

**Returns**

*Config*

## help.GetCountriesList

**class** hydrogram.raw.functions.help.GetCountriesList

Telegram API function.

**Details:**

- Layer: 176
- ID: 735787A8

**Parameters**

- **lang\_code** (str) – N/A
- **hash** (int 32-bit) – N/A

**Returns**

*help.CountriesList*

## help.GetDeepLinkInfo

**class** hydrogram.raw.functions.help.GetDeepLinkInfo

Telegram API function.

**Details:**

- Layer: 176
- ID: 3FEDC75F

**Parameters**

**path** (str) – N/A

**Returns**

*help.DeepLinkInfo*

### help.GetInviteText

**class** hydrogram.raw.functions.help.GetInviteText

Telegram API function.

**Details:**

- Layer: 176
- ID: 4D392343

**Parameters**

No parameters required.

**Returns**

*help.InviteText*

### help.GetNearestDc

**class** hydrogram.raw.functions.help.GetNearestDc

Telegram API function.

**Details:**

- Layer: 176
- ID: 1FB33026

**Parameters**

No parameters required.

**Returns**

*NearestDc*

### help.GetPassportConfig

**class** hydrogram.raw.functions.help.GetPassportConfig

Telegram API function.

**Details:**

- Layer: 176
- ID: C661AD08

**Parameters**

hash (int 32-bit) – N/A

**Returns**

*help.PassportConfig*

### help.GetPeerColors

**class** hydrogram.raw.functions.help.GetPeerColors

Telegram API function.

**Details:**

- Layer: 176
- ID: DA80F42F

**Parameters**

hash (int 32-bit) – N/A

**Returns**

*help.PeerColors*

### help.GetPeerProfileColors

**class** hydrogram.raw.functions.help.GetPeerProfileColors

Telegram API function.

**Details:**

- Layer: 176
- ID: ABCFA9FD

**Parameters**

hash (int 32-bit) – N/A

**Returns**

*help.PeerColors*

### help.GetPremiumPromo

**class** hydrogram.raw.functions.help.GetPremiumPromo

Telegram API function.

**Details:**

- Layer: 176
- ID: B81B93D4

**Parameters**

No parameters required.

**Returns**

*help.PremiumPromo*

### help.GetPromoData

**class** hydrogram.raw.functions.help.GetPromoData

Telegram API function.

**Details:**

- Layer: 176
- ID: C0977421

**Parameters**

No parameters required.

**Returns**

*help.PromoData*

### help.GetRecentMeUrls

**class** hydrogram.raw.functions.help.GetRecentMeUrls

Telegram API function.

**Details:**

- Layer: 176
- ID: 3DC0F114

**Parameters**

**referer** (str) – N/A

**Returns**

*help.RecentMeUrls*

### help.GetSupport

**class** hydrogram.raw.functions.help.GetSupport

Telegram API function.

**Details:**

- Layer: 176
- ID: 9CDF08CD

**Parameters**

No parameters required.

**Returns**

*help.Support*

### help.GetSupportName

**class** hydrogram.raw.functions.help.GetSupportName

Telegram API function.

**Details:**

- Layer: 176
- ID: D360E72C

**Parameters**

No parameters required.

**Returns**

*help.SupportName*

### help.GetTermsOfServiceUpdate

**class** hydrogram.raw.functions.help.GetTermsOfServiceUpdate

Telegram API function.

**Details:**

- Layer: 176
- ID: 2CA51FD1

**Parameters**

No parameters required.

**Returns**

*help.TermsOfServiceUpdate*

### help.GetTimezonesList

**class** hydrogram.raw.functions.help.GetTimezonesList

Telegram API function.

**Details:**

- Layer: 176
- ID: 49B30240

**Parameters**

hash (int 32-bit) – N/A

**Returns**

*help.TimezonesList*



### help.GetUserInfo

**class** hydrogram.raw.functions.help.GetUserInfo

Telegram API function.

**Details:**

- Layer: 176
- ID: 38A08D3

**Parameters**

**user\_id** (*InputUser*) – N/A

**Returns**

*help.UserInfo*

### help.HidePromoData

**class** hydrogram.raw.functions.help.HidePromoData

Telegram API function.

**Details:**

- Layer: 176
- ID: 1E251C95

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

bool

### help.SaveAppLog

**class** hydrogram.raw.functions.help.SaveAppLog

Telegram API function.

**Details:**

- Layer: 176
- ID: 6F02F748

**Parameters**

**events** (List of *InputAppEvent*) – N/A

**Returns**

bool

## help.SetBotUpdatesStatus

**class** hydrogram.raw.functions.help.SetBotUpdatesStatus

Telegram API function.

### Details:

- Layer: 176
- ID: EC22CFCD

### Parameters

- **pending\_updates\_count** (int 32-bit) – N/A
- **message** (str) – N/A

### Returns

bool

## Langpack

### langpack.GetDifference

**class** hydrogram.raw.functions.langpack.GetDifference

Telegram API function.

### Details:

- Layer: 176
- ID: CD984AA5

### Parameters

- **lang\_pack** (str) – N/A
- **lang\_code** (str) – N/A
- **from\_version** (int 32-bit) – N/A

### Returns

*LangPackDifference*

### langpack.GetLangPack

**class** hydrogram.raw.functions.langpack.GetLangPack

Telegram API function.

### Details:

- Layer: 176
- ID: F2F2330A

### Parameters

- **lang\_pack** (str) – N/A
- **lang\_code** (str) – N/A

**Returns***LangPackDifference***langpack.GetLanguage****class** hydrogram.raw.functions.langpack.**GetLanguage**

Telegram API function.

**Details:**

- Layer: 176
- ID: 6A596502

**Parameters**

- **lang\_pack** (str) – N/A
- **lang\_code** (str) – N/A

**Returns***LangPackLanguage***langpack.GetLanguages****class** hydrogram.raw.functions.langpack.**GetLanguages**

Telegram API function.

**Details:**

- Layer: 176
- ID: 42C6978F

**Parameters****lang\_pack** (str) – N/A**Returns**List of *LangPackLanguage***langpack.GetStrings****class** hydrogram.raw.functions.langpack.**GetStrings**

Telegram API function.

**Details:**

- Layer: 176
- ID: EFEA3803

**Parameters**

- **lang\_pack** (str) – N/A
- **lang\_code** (str) – N/A
- **keys** (List of str) – N/A

**Returns**

List of *LangPackString*

## Messages

### messages.AcceptEncryption

**class** hydrogram.raw.functions.messages.AcceptEncryption

Telegram API function.

**Details:**

- Layer: 176
- ID: 3DBC0415

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **g\_b** (bytes) – N/A
- **key\_fingerprint** (int 64-bit) – N/A

**Returns**

*EncryptedChat*

### messages.AcceptUrlAuth

**class** hydrogram.raw.functions.messages.AcceptUrlAuth

Telegram API function.

**Details:**

- Layer: 176
- ID: B12C7125

**Parameters**

- **write\_allowed** (bool, *optional*) – N/A
- **peer** (*InputPeer*, *optional*) – N/A
- **msg\_id** (int 32-bit, *optional*) – N/A
- **button\_id** (int 32-bit, *optional*) – N/A
- **url** (str, *optional*) – N/A

**Returns**

*UrlAuthResult*

### messages.AddChatUser

**class** hydrogram.raw.functions.messages.AddChatUser

Telegram API function.

**Details:**

- Layer: 176
- ID: F24753E3

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (*InputUser*) – N/A
- **fwd\_limit** (int 32-bit) – N/A

**Returns**

*Updates*

### messages.CheckChatInvite

**class** hydrogram.raw.functions.messages.CheckChatInvite

Telegram API function.

**Details:**

- Layer: 176
- ID: 3EADB1BB

**Parameters**

**hash** (str) – N/A

**Returns**

*ChatInvite*

### messages.CheckHistoryImport

**class** hydrogram.raw.functions.messages.CheckHistoryImport

Telegram API function.

**Details:**

- Layer: 176
- ID: 43FE19F3

**Parameters**

**import\_head** (str) – N/A

**Returns**

*messages.HistoryImportParsed*

### **messages.CheckHistoryImportPeer**

**class** hydrogram.raw.functions.messages.**CheckHistoryImportPeer**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5DC60F03

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*messages.CheckedHistoryImportPeer*

### **messages.CheckQuickReplyShortcut**

**class** hydrogram.raw.functions.messages.**CheckQuickReplyShortcut**

Telegram API function.

**Details:**

- Layer: 176
- ID: F1D0FBD3

**Parameters**

**shortcut** (str) – N/A

**Returns**

bool

### **messages.ClearAllDrafts**

**class** hydrogram.raw.functions.messages.**ClearAllDrafts**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7E58EE9C

**Parameters**

**No parameters required.**

**Returns**

bool

### messages.ClearRecentReactions

**class** hydrogram.raw.functions.messages.ClearRecentReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: 9DFEEFB4

**Parameters**

No parameters required.

**Returns**

bool

### messages.ClearRecentStickers

**class** hydrogram.raw.functions.messages.ClearRecentStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: 8999602D

**Parameters**

**attached** (bool, *optional*) – N/A

**Returns**

bool

### messages.CreateChat

**class** hydrogram.raw.functions.messages.CreateChat

Telegram API function.

**Details:**

- Layer: 176
- ID: 34A818

**Parameters**

- **users** (List of *InputUser*) – N/A
- **title** (str) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

**Returns**

*Updates*

### messages.DeleteChat

**class** hydrogram.raw.functions.messages.DeleteChat

Telegram API function.

**Details:**

- Layer: 176
- ID: 5BD0EE50

**Parameters**

**chat\_id** (int 64-bit) – N/A

**Returns**

bool

### messages.DeleteChatUser

**class** hydrogram.raw.functions.messages.DeleteChatUser

Telegram API function.

**Details:**

- Layer: 176
- ID: A2185CAB

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (*InputUser*) – N/A
- **revoke\_history** (bool, *optional*) – N/A

**Returns**

*Updates*

### messages.DeleteExportedChatInvite

**class** hydrogram.raw.functions.messages.DeleteExportedChatInvite

Telegram API function.

**Details:**

- Layer: 176
- ID: D464A42B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **link** (str) – N/A

**Returns**

bool



### messages.DeleteHistory

**class** hydrogram.raw.functions.messages.DeleteHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: B08F922A

**Parameters**

- **peer** (*InputPeer*) – N/A
- **max\_id** (int 32-bit) – N/A
- **just\_clear** (bool, *optional*) – N/A
- **revoke** (bool, *optional*) – N/A
- **min\_date** (int 32-bit, *optional*) – N/A
- **max\_date** (int 32-bit, *optional*) – N/A

**Returns**

*messages.AffectedHistory*

### messages.DeleteMessages

**class** hydrogram.raw.functions.messages.DeleteMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: E58E95D2

**Parameters**

- **id** (List of int 32-bit) – N/A
- **revoke** (bool, *optional*) – N/A

**Returns**

*messages.AffectedMessages*

### messages.DeletePhoneCallHistory

**class** hydrogram.raw.functions.messages.DeletePhoneCallHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: F9CBE409

**Parameters**

**revoke** (bool, *optional*) – N/A

**Returns**

*messages.AffectedFoundMessages*

**messages.DeleteQuickReplyMessages**

**class** hydrogram.raw.functions.messages.DeleteQuickReplyMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: E105E910

**Parameters**

- **shortcut\_id** (int 32-bit) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

*Updates*

**messages.DeleteQuickReplyShortcut**

**class** hydrogram.raw.functions.messages.DeleteQuickReplyShortcut

Telegram API function.

**Details:**

- Layer: 176
- ID: 3CC04740

**Parameters**

**shortcut\_id** (int 32-bit) – N/A

**Returns**

bool

**messages.DeleteRevokedExportedChatInvites**

**class** hydrogram.raw.functions.messages.DeleteRevokedExportedChatInvites

Telegram API function.

**Details:**

- Layer: 176
- ID: 56987BD5

**Parameters**

- **peer** (*InputPeer*) – N/A

- **admin\_id** (*InputUser*) – N/A

**Returns**

bool

**messages.DeleteSavedHistory****class** hydrogram.raw.functions.messages.DeleteSavedHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: 6E98102B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_date** (int 32-bit, *optional*) – N/A
- **max\_date** (int 32-bit, *optional*) – N/A

**Returns***messages.AffectedHistory***messages.DeleteScheduledMessages****class** hydrogram.raw.functions.messages.DeleteScheduledMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 59AE2B16

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns***Updates*

### messages.DiscardEncryption

**class** hydrogram.raw.functions.messages.DiscardEncryption

Telegram API function.

**Details:**

- Layer: 176
- ID: F393AEA0

**Parameters**

- **chat\_id** (int 32-bit) – N/A
- **delete\_history** (bool, *optional*) – N/A

**Returns**

bool

### messages.EditChatAbout

**class** hydrogram.raw.functions.messages.EditChatAbout

Telegram API function.

**Details:**

- Layer: 176
- ID: DEF60797

**Parameters**

- **peer** (*InputPeer*) – N/A
- **about** (str) – N/A

**Returns**

bool

### messages.EditChatAdmin

**class** hydrogram.raw.functions.messages.EditChatAdmin

Telegram API function.

**Details:**

- Layer: 176
- ID: A85BD1C2

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (*InputUser*) – N/A
- **is\_admin** (bool) – N/A

**Returns**

bool

**messaging.EditChatDefaultBannedRights**

**class** hydrogram.raw.functions.messages.**EditChatDefaultBannedRights**

Telegram API function.

**Details:**

- Layer: 176
- ID: A5866B41

**Parameters**

- **peer** (*InputPeer*) – N/A
- **banned\_rights** (*ChatBannedRights*) – N/A

**Returns**

*Updates*

**messaging.EditChatPhoto**

**class** hydrogram.raw.functions.messages.**EditChatPhoto**

Telegram API function.

**Details:**

- Layer: 176
- ID: 35DDD674

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **photo** (*InputChatPhoto*) – N/A

**Returns**

*Updates*

**messaging.EditChatTitle**

**class** hydrogram.raw.functions.messages.**EditChatTitle**

Telegram API function.

**Details:**

- Layer: 176
- ID: 73783FFD

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **title** (str) – N/A

**Returns**

*Updates*

### messages.EditExportedChatInvite

**class** hydrogram.raw.functions.messages.**EditExportedChatInvite**

Telegram API function.

#### Details:

- Layer: 176
- ID: BDCA2F75

#### Parameters

- **peer** (*InputPeer*) – N/A
- **link** (str) – N/A
- **revoked** (bool, *optional*) – N/A
- **expire\_date** (int 32-bit, *optional*) – N/A
- **usage\_limit** (int 32-bit, *optional*) – N/A
- **request\_needed** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A

#### Returns

*messages.ExportedChatInvite*

### messages.EditInlineBotMessage

**class** hydrogram.raw.functions.messages.**EditInlineBotMessage**

Telegram API function.

#### Details:

- Layer: 176
- ID: 83557DBA

#### Parameters

- **id** (*InputBotInlineMessageID*) – N/A
- **no\_webpage** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **message** (str, *optional*) – N/A
- **media** (*InputMedia*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A

#### Returns

bool

## messages.EditMessage

**class** hydrogram.raw.functions.messages.**EditMessage**

Telegram API function.

### Details:

- Layer: 176
- ID: DFD14005

### Parameters

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **no\_webpage** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **message** (str, *optional*) – N/A
- **media** (*InputMedia*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **quick\_reply\_shortcut\_id** (int 32-bit, *optional*) – N/A

### Returns

*Updates*

## messages.EditQuickReplyShortcut

**class** hydrogram.raw.functions.messages.**EditQuickReplyShortcut**

Telegram API function.

### Details:

- Layer: 176
- ID: 5C003CEF

### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **shortcut** (str) – N/A

### Returns

bool

## messages.ExportChatInvite

**class** hydrogram.raw.functions.messages.**ExportChatInvite**

Telegram API function.

### Details:

- Layer: 176
- ID: A02CE5D5

### Parameters

- **peer** (*InputPeer*) – N/A
- **legacy\_revoke\_permanent** (bool, *optional*) – N/A
- **request\_needed** (bool, *optional*) – N/A
- **expire\_date** (int 32-bit, *optional*) – N/A
- **usage\_limit** (int 32-bit, *optional*) – N/A
- **title** (str, *optional*) – N/A

### Returns

*ExportedChatInvite*

## messages.FaveSticker

**class** hydrogram.raw.functions.messages.**FaveSticker**

Telegram API function.

### Details:

- Layer: 176
- ID: B9FFC55B

### Parameters

- **id** (*InputDocument*) – N/A
- **unfave** (bool) – N/A

### Returns

bool

## messages.ForwardMessages

**class** hydrogram.raw.functions.messages.**ForwardMessages**

Telegram API function.

### Details:

- Layer: 176
- ID: D5039208

### Parameters



- **from\_peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A
- **random\_id** (List of int 64-bit) – N/A
- **to\_peer** (*InputPeer*) – N/A
- **silent** (bool, *optional*) – N/A
- **background** (bool, *optional*) – N/A
- **with\_my\_score** (bool, *optional*) – N/A
- **drop\_author** (bool, *optional*) – N/A
- **drop\_media\_captions** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **send\_as** (*InputPeer*, *optional*) – N/A
- **quick\_reply\_shortcut** (*InputQuickReplyShortcut*, *optional*) – N/A

**Returns***Updates***messages.GetAdminsWithInvites****class** hydrogram.raw.functions.messages.**GetAdminsWithInvites**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3920E6EF

**Parameters****peer** (*InputPeer*) – N/A**Returns***messages.ChatAdminsWithInvites***messages.GetAllDrafts****class** hydrogram.raw.functions.messages.**GetAllDrafts**

Telegram API function.

**Details:**

- Layer: 176
- ID: 6A3F8D65

**Parameters****No parameters required.**

**Returns**

*Updates*

**messages.GetAllStickers**

**class** hydrogram.raw.functions.messages.**GetAllStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: B8A0A1A8

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*messages.AllStickers*

**messages.GetArchivedStickers**

**class** hydrogram.raw.functions.messages.**GetArchivedStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: 57F17692

**Parameters**

- **offset\_id** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A
- **masks** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A

**Returns**

*messages.ArchivedStickers*

**messages.GetAttachMenuBot**

**class** hydrogram.raw.functions.messages.**GetAttachMenuBot**

Telegram API function.

**Details:**

- Layer: 176
- ID: 77216192

**Parameters**

**bot** (*InputUser*) – N/A

**Returns***AttachMenuBotsBot***messages.GetAttachMenuBots****class** hydrogram.raw.functions.messages.**GetAttachMenuBots**

Telegram API function.

**Details:**

- Layer: 176
- ID: 16FCC2CB

**Parameters****hash** (int 64-bit) – N/A**Returns***AttachMenuBots***messages.GetAttachedStickers****class** hydrogram.raw.functions.messages.**GetAttachedStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: CC5B67CC

**Parameters****media** (*InputStickeredMedia*) – N/A**Returns**List of *StickerSetCovered***messages.GetAvailableReactions****class** hydrogram.raw.functions.messages.**GetAvailableReactions**

Telegram API function.

**Details:**

- Layer: 176
- ID: 18DEA0AC

**Parameters****hash** (int 32-bit) – N/A**Returns***messages.AvailableReactions*

### messages.GetBotApp

**class** hydrogram.raw.functions.messages.GetBotApp

Telegram API function.

#### Details:

- Layer: 176
- ID: 34FDC5C3

#### Parameters

- **app** (*InputBotApp*) – N/A
- **hash** (int 64-bit) – N/A

#### Returns

*messages.BotApp*

### messages.GetBotCallbackAnswer

**class** hydrogram.raw.functions.messages.GetBotCallbackAnswer

Telegram API function.

#### Details:

- Layer: 176
- ID: 9342CA07

#### Parameters

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **game** (bool, *optional*) – N/A
- **data** (bytes, *optional*) – N/A
- **password** (*InputCheckPasswordSRP*, *optional*) – N/A

#### Returns

*messages.BotCallbackAnswer*

### messages.GetChatInviteImporters

**class** hydrogram.raw.functions.messages.GetChatInviteImporters

Telegram API function.

#### Details:

- Layer: 176
- ID: DF04DD4E

#### Parameters

- **peer** (*InputPeer*) – N/A

- **offset\_date** (int 32-bit) – N/A
- **offset\_user** (*InputUser*) – N/A
- **limit** (int 32-bit) – N/A
- **requested** (bool, *optional*) – N/A
- **link** (str, *optional*) – N/A
- **q** (str, *optional*) – N/A

**Returns***messages.ChatInviteImporters***messages.GetChats****class** hydrogram.raw.functions.messages.**GetChats**

Telegram API function.

**Details:**

- Layer: 176
- ID: 49E9528F

**Parameters****id** (List of int 64-bit) – N/A**Returns***messages.Chats***messages.GetCommonChats****class** hydrogram.raw.functions.messages.**GetCommonChats**

Telegram API function.

**Details:**

- Layer: 176
- ID: E40CA104

**Parameters**

- **user\_id** (*InputUser*) – N/A
- **max\_id** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A

**Returns***messages.Chats*

### messages.GetCustomEmojiDocuments

**class** hydrogram.raw.functions.messages.GetCustomEmojiDocuments

Telegram API function.

**Details:**

- Layer: 176
- ID: D9AB0F54

**Parameters**

**document\_id** (List of int 64-bit) – N/A

**Returns**

List of *Document*

### messages.GetDefaultHistoryTTL

**class** hydrogram.raw.functions.messages.GetDefaultHistoryTTL

Telegram API function.

**Details:**

- Layer: 176
- ID: 658B7188

**Parameters**

No parameters required.

**Returns**

*DefaultHistoryTTL*

### messages.GetDefaultTagReactions

**class** hydrogram.raw.functions.messages.GetDefaultTagReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: BDF93428

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*messages.Reactions*

### messages.GetDhConfig

**class** hydrogram.raw.functions.messages.GetDhConfig

Telegram API function.

**Details:**

- Layer: 176
- ID: 26CF8950

**Parameters**

- **version** (int 32-bit) – N/A
- **random\_length** (int 32-bit) – N/A

**Returns**

*messages.DhConfig*

### messages.GetDialogFilters

**class** hydrogram.raw.functions.messages.GetDialogFilters

Telegram API function.

**Details:**

- Layer: 176
- ID: EFD48C89

**Parameters**

No parameters required.

**Returns**

*messages.DialogFilters*

### messages.GetDialogUnreadMarks

**class** hydrogram.raw.functions.messages.GetDialogUnreadMarks

Telegram API function.

**Details:**

- Layer: 176
- ID: 22E24E22

**Parameters**

No parameters required.

**Returns**

List of *DialogPeer*

## messages.GetDialogs

**class** hydrogram.raw.functions.messages.GetDialogs

Telegram API function.

### Details:

- Layer: 176
- ID: A0F4CB4F

### Parameters

- **offset\_date** (int 32-bit) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_peer** (*InputPeer*) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A
- **exclude\_pinned** (bool, *optional*) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

### Returns

*messages.Dialogs*

## messages.GetDiscussionMessage

**class** hydrogram.raw.functions.messages.GetDiscussionMessage

Telegram API function.

### Details:

- Layer: 176
- ID: 446972FD

### Parameters

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

### Returns

*messages.DiscussionMessage*

## messages.GetDocumentByHash

**class** hydrogram.raw.functions.messages.GetDocumentByHash

Telegram API function.

### Details:

- Layer: 176
- ID: B1F2061F



**Parameters**

- **sha256** (bytes) – N/A
- **size** (int 64-bit) – N/A
- **mime\_type** (str) – N/A

**Returns***Document***messages.GetEmojiGroups****class** hydrogram.raw.functions.messages.**GetEmojiGroups**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7488CE5B

**Parameters****hash** (int 32-bit) – N/A**Returns***messages.EmojiGroups***messages.GetEmojiKeywords****class** hydrogram.raw.functions.messages.**GetEmojiKeywords**

Telegram API function.

**Details:**

- Layer: 176
- ID: 35A0E062

**Parameters****lang\_code** (str) – N/A**Returns***EmojiKeywordsDifference***messages.GetEmojiKeywordsDifference****class** hydrogram.raw.functions.messages.**GetEmojiKeywordsDifference**

Telegram API function.

**Details:**

- Layer: 176
- ID: 1508B6AF

**Parameters**

- **lang\_code** (str) – N/A
- **from\_version** (int 32-bit) – N/A

**Returns**

*EmojiKeywordsDifference*

## **messages.GetEmojiKeywordsLanguages**

**class** hydrogram.raw.functions.messages.**GetEmojiKeywordsLanguages**

Telegram API function.

**Details:**

- Layer: 176
- ID: 4E9963B2

**Parameters**

**lang\_codes** (List of str) – N/A

**Returns**

List of *EmojiLanguage*

## **messages.GetEmojiProfilePhotoGroups**

**class** hydrogram.raw.functions.messages.**GetEmojiProfilePhotoGroups**

Telegram API function.

**Details:**

- Layer: 176
- ID: 21A548F3

**Parameters**

**hash** (int 32-bit) – N/A

**Returns**

*messages.EmojiGroups*

## **messages.GetEmojiStatusGroups**

**class** hydrogram.raw.functions.messages.**GetEmojiStatusGroups**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2ECD56CD

**Parameters**

**hash** (int 32-bit) – N/A

**Returns**

*messages.EmojiGroups*

### messages.GetEmojiStickers

**class** hydrogram.raw.functions.messages.GetEmojiStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: FBFCA18F

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*messages.AllStickers*

### messages.GetEmojiURL

**class** hydrogram.raw.functions.messages.GetEmojiURL

Telegram API function.

**Details:**

- Layer: 176
- ID: D5B10C26

**Parameters**

**lang\_code** (str) – N/A

**Returns**

*EmojiURL*

### messages.GetExportedChatInvite

**class** hydrogram.raw.functions.messages.GetExportedChatInvite

Telegram API function.

**Details:**

- Layer: 176
- ID: 73746F5C

**Parameters**

- **peer** (*InputPeer*) – N/A
- **link** (str) – N/A

**Returns**

*messages.ExportedChatInvite*

### messages.GetExportedChatInvites

**class** hydrogram.raw.functions.messages.GetExportedChatInvites

Telegram API function.

#### Details:

- Layer: 176
- ID: A2B5A3F6

#### Parameters

- **peer** (*InputPeer*) – N/A
- **admin\_id** (*InputUser*) – N/A
- **limit** (int 32-bit) – N/A
- **revoked** (bool, *optional*) – N/A
- **offset\_date** (int 32-bit, *optional*) – N/A
- **offset\_link** (str, *optional*) – N/A

#### Returns

*messages.ExportedChatInvites*

### messages.GetExtendedMedia

**class** hydrogram.raw.functions.messages.GetExtendedMedia

Telegram API function.

#### Details:

- Layer: 176
- ID: 84F80814

#### Parameters

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

#### Returns

*Updates*

### messages.GetFavedStickers

**class** hydrogram.raw.functions.messages.GetFavedStickers

Telegram API function.

#### Details:

- Layer: 176
- ID: 4F1AAA9

**Parameters****hash** (int 64-bit) – N/A**Returns***messages.FavedStickers***messages.GetFeaturedEmojiStickers****class** hydrogram.raw.functions.messages.**GetFeaturedEmojiStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: ECF6736

**Parameters****hash** (int 64-bit) – N/A**Returns***messages.FeaturedStickers***messages.GetFeaturedStickers****class** hydrogram.raw.functions.messages.**GetFeaturedStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: 64780B14

**Parameters****hash** (int 64-bit) – N/A**Returns***messages.FeaturedStickers***messages.GetFullChat****class** hydrogram.raw.functions.messages.**GetFullChat**

Telegram API function.

**Details:**

- Layer: 176
- ID: AEB00B34

**Parameters****chat\_id** (int 64-bit) – N/A**Returns***messages.ChatFull*

## messages.GetGameHighScores

**class** hydrogram.raw.functions.messages.GetGameHighScores

Telegram API function.

### Details:

- Layer: 176
- ID: E822649D

### Parameters

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **user\_id** (*InputUser*) – N/A

### Returns

*messages.HighScores*

## messages.GetHistory

**class** hydrogram.raw.functions.messages.GetHistory

Telegram API function.

### Details:

- Layer: 176
- ID: 4423E6C5

### Parameters

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_date** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

### Returns

*messages.Messages*

### messages.GetInlineBotResults

**class** hydrogram.raw.functions.messages.GetInlineBotResults

Telegram API function.

**Details:**

- Layer: 176
- ID: 514E999D

**Parameters**

- **bot** (*InputUser*) – N/A
- **peer** (*InputPeer*) – N/A
- **query** (str) – N/A
- **offset** (str) – N/A
- **geo\_point** (*InputGeoPoint*, optional) – N/A

**Returns**

*messages.BotResults*

### messages.GetInlineGameHighScores

**class** hydrogram.raw.functions.messages.GetInlineGameHighScores

Telegram API function.

**Details:**

- Layer: 176
- ID: F635E1B

**Parameters**

- **id** (*InputBotInlineMessageID*) – N/A
- **user\_id** (*InputUser*) – N/A

**Returns**

*messages.HighScores*

### messages.GetMaskStickers

**class** hydrogram.raw.functions.messages.GetMaskStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: 640F82B8

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*messages.AllStickers*

**messages.GetMessageEditData**

**class** hydrogram.raw.functions.messages.GetMessageEditData

Telegram API function.

**Details:**

- Layer: 176
- ID: FDA68D36

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A

**Returns**

*messages.MessageEditData*

**messages.GetMessageReactionsList**

**class** hydrogram.raw.functions.messages.GetMessageReactionsList

Telegram API function.

**Details:**

- Layer: 176
- ID: 461B3F48

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **reaction** (*Reaction*, *optional*) – N/A
- **offset** (str, *optional*) – N/A

**Returns**

*messages.MessageReactionsList*



**messages.GetMessageReadParticipants**

**class** hydrogram.raw.functions.messages.GetMessageReadParticipants

Telegram API function.

**Details:**

- Layer: 176
- ID: 31C1C44F

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

List of *ReadParticipantDate*

**messages.GetMessages**

**class** hydrogram.raw.functions.messages.GetMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 63C66506

**Parameters**

**id** (List of *InputMessage*) – N/A

**Returns**

*messages.Messages*

**messages.GetMessagesReactions**

**class** hydrogram.raw.functions.messages.GetMessagesReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: 8BBA90E6

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

*Updates*

### messages.GetMessagesViews

**class** hydrogram.raw.functions.messages.GetMessagesViews

Telegram API function.

**Details:**

- Layer: 176
- ID: 5784D3E1

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A
- **increment** (bool) – N/A

**Returns**

*messages.MessageViews*

### messages.GetOldFeaturedStickers

**class** hydrogram.raw.functions.messages.GetOldFeaturedStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: 7ED094A1

**Parameters**

- **offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.FeaturedStickers*

### messages.GetOnlines

**class** hydrogram.raw.functions.messages.GetOnlines

Telegram API function.

**Details:**

- Layer: 176
- ID: 6E2BE050

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*ChatOnlines*

### messages.GetOutboxReadDate

**class** hydrogram.raw.functions.messages.GetOutboxReadDate

Telegram API function.

**Details:**

- Layer: 176
- ID: 8C4BFE5D

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

*OutboxReadDate*

### messages.GetPeerDialogs

**class** hydrogram.raw.functions.messages.GetPeerDialogs

Telegram API function.

**Details:**

- Layer: 176
- ID: E470BCFD

**Parameters**

**peers** (List of *InputDialogPeer*) – N/A

**Returns**

*messages.PeerDialogs*

### messages.GetPeerSettings

**class** hydrogram.raw.functions.messages.GetPeerSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: EFD9A6A2

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*messages.PeerSettings*

### **messages.GetPinnedDialogs**

**class** hydrogram.raw.functions.messages.**GetPinnedDialogs**

Telegram API function.

**Details:**

- Layer: 176
- ID: D6B94DF2

**Parameters**

**folder\_id** (int 32-bit) – N/A

**Returns**

*messages.PeerDialogs*

### **messages.GetPinnedSavedDialogs**

**class** hydrogram.raw.functions.messages.**GetPinnedSavedDialogs**

Telegram API function.

**Details:**

- Layer: 176
- ID: D63D94E0

**Parameters**

No parameters required.

**Returns**

*messages.SavedDialogs*

### **messages.GetPollResults**

**class** hydrogram.raw.functions.messages.**GetPollResults**

Telegram API function.

**Details:**

- Layer: 176
- ID: 73BB643B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

*Updates*

## messages.GetPollVotes

**class** hydrogram.raw.functions.messages.GetPollVotes

Telegram API function.

### Details:

- Layer: 176
- ID: B86E380E

### Parameters

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **option** (bytes, *optional*) – N/A
- **offset** (str, *optional*) – N/A

### Returns

*messages.VotesList*

## messages.GetQuickReplies

**class** hydrogram.raw.functions.messages.GetQuickReplies

Telegram API function.

### Details:

- Layer: 176
- ID: D483F2A8

### Parameters

**hash** (int 64-bit) – N/A

### Returns

*messages.QuickReplies*

## messages.GetQuickReplyMessages

**class** hydrogram.raw.functions.messages.GetQuickReplyMessages

Telegram API function.

### Details:

- Layer: 176
- ID: 94A495C3

### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

- **id** (List of int 32-bit, *optional*) – N/A

**Returns**

*messages.Messages*

### **messages.GetRecentLocations**

**class** hydrogram.raw.functions.messages.**GetRecentLocations**

Telegram API function.

**Details:**

- Layer: 176
- ID: 702A40E0

**Parameters**

- **peer** (*InputPeer*) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Messages*

### **messages.GetRecentReactions**

**class** hydrogram.raw.functions.messages.**GetRecentReactions**

Telegram API function.

**Details:**

- Layer: 176
- ID: 39461DB2

**Parameters**

- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Reactions*

### **messages.GetRecentStickers**

**class** hydrogram.raw.functions.messages.**GetRecentStickers**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9DA9403B

**Parameters**

- **hash** (int 64-bit) – N/A
- **attached** (bool, *optional*) – N/A

**Returns***messages.RecentStickers***messages.GetReplies****class** hydrogram.raw.functions.messages.**GetReplies**

Telegram API function.

**Details:**

- Layer: 176
- ID: 22DDD30C

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_date** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns***messages.Messages***messages.GetSavedDialogs****class** hydrogram.raw.functions.messages.**GetSavedDialogs**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5381D21A

**Parameters**

- **offset\_date** (int 32-bit) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_peer** (*InputPeer*) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

- **exclude\_pinned** (bool, *optional*) – N/A

**Returns**

*messages.SavedDialogs*

**messages.GetSavedGifs**

**class** hydrogram.raw.functions.messages.**GetSavedGifs**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5CF09635

**Parameters**

**hash** (int 64-bit) – N/A

**Returns**

*messages.SavedGifs*

**messages.GetSavedHistory**

**class** hydrogram.raw.functions.messages.**GetSavedHistory**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3D9A414D

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_date** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Messages*



**messages.GetSavedReactionTags**

**class** hydrogram.raw.functions.messages.GetSavedReactionTags

Telegram API function.

**Details:**

- Layer: 176
- ID: 3637E05B

**Parameters**

- **hash** (int 64-bit) – N/A
- **peer** (*InputPeer*, optional) – N/A

**Returns**

*messages.SavedReactionTags*

**messages.GetScheduledHistory**

**class** hydrogram.raw.functions.messages.GetScheduledHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: F516760B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Messages*

**messages.GetScheduledMessages**

**class** hydrogram.raw.functions.messages.GetScheduledMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: BDBB0464

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

*messages.Messages*

## messages.GetSearchCounters

**class** hydrogram.raw.functions.messages.GetSearchCounters

Telegram API function.

### Details:

- Layer: 176
- ID: 1BBCF300

### Parameters

- **peer** (*InputPeer*) – N/A
- **filters** (List of *MessagesFilter*) – N/A
- **saved\_peer\_id** (*InputPeer*, *optional*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

### Returns

List of *messages.SearchCounter*

## messages.GetSearchResultsCalendar

**class** hydrogram.raw.functions.messages.GetSearchResultsCalendar

Telegram API function.

### Details:

- Layer: 176
- ID: 6AA3F6BD

### Parameters

- **peer** (*InputPeer*) – N/A
- **filter** (*MessagesFilter*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **offset\_date** (int 32-bit) – N/A
- **saved\_peer\_id** (*InputPeer*, *optional*) – N/A

### Returns

*messages.SearchResultsCalendar*

## messages.GetSearchResultsPositions

**class** hydrogram.raw.functions.messages.GetSearchResultsPositions

Telegram API function.

### Details:

- Layer: 176
- ID: 9C7F2F10

**Parameters**

- **peer** (*InputPeer*) – N/A
- **filter** (*MessagesFilter*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **saved\_peer\_id** (*InputPeer*, *optional*) – N/A

**Returns**

*messages.SearchResultsPositions*

**messages.GetSplitRanges**

**class** hydrogram.raw.functions.messages.**GetSplitRanges**

Telegram API function.

**Details:**

- Layer: 176
- ID: 1CFF7E08

**Parameters**

No parameters required.

**Returns**

List of *MessageRange*

**messages.GetStickerSet**

**class** hydrogram.raw.functions.messages.**GetStickerSet**

Telegram API function.

**Details:**

- Layer: 176
- ID: C8A0EC74

**Parameters**

- **stickerset** (*InputStickerSet*) – N/A
- **hash** (int 32-bit) – N/A

**Returns**

*messages.StickerSet*

### messages.GetStickers

**class** hydrogram.raw.functions.messages.GetStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: D5A5D3A1

**Parameters**

- **emoticon** (str) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Stickers*

### messages.GetSuggestedDialogFilters

**class** hydrogram.raw.functions.messages.GetSuggestedDialogFilters

Telegram API function.

**Details:**

- Layer: 176
- ID: A29CD42C

**Parameters**

No parameters required.

**Returns**

List of *DialogFilterSuggested*

### messages.GetTopReactions

**class** hydrogram.raw.functions.messages.GetTopReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: BB8125BA

**Parameters**

- **limit** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A

**Returns**

*messages.Reactions*

**messages.GetUnreadMentions**

**class** hydrogram.raw.functions.messages.**GetUnreadMentions**

Telegram API function.

**Details:**

- Layer: 176
- ID: F107E790

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

**Returns**

*messages.Messages*

**messages.GetUnreadReactions**

**class** hydrogram.raw.functions.messages.**GetUnreadReactions**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3223495B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

**Returns**

*messages.Messages*

### **messages.GetWebPage**

**class** hydrogram.raw.functions.messages.**GetWebPage**

Telegram API function.

#### **Details:**

- Layer: 176
- ID: 8D9692A3

#### **Parameters**

- **url** (str) – N/A
- **hash** (int 32-bit) – N/A

#### **Returns**

*messages.WebPage*

### **messages.GetWebPagePreview**

**class** hydrogram.raw.functions.messages.**GetWebPagePreview**

Telegram API function.

#### **Details:**

- Layer: 176
- ID: 8B68B0CC

#### **Parameters**

- **message** (str) – N/A
- **entities** (List of *MessageEntity*, optional) – N/A

#### **Returns**

*MessageMedia*

### **messages.HideAllChatJoinRequests**

**class** hydrogram.raw.functions.messages.**HideAllChatJoinRequests**

Telegram API function.

#### **Details:**

- Layer: 176
- ID: E085F4EA

#### **Parameters**

- **peer** (*InputPeer*) – N/A
- **approved** (bool, optional) – N/A
- **link** (str, optional) – N/A

#### **Returns**

*Updates*

**messages.HideChatJoinRequest**

**class** hydrogram.raw.functions.messages.HideChatJoinRequest

Telegram API function.

**Details:**

- Layer: 176
- ID: 7FE7E815

**Parameters**

- **peer** (*InputPeer*) – N/A
- **user\_id** (*InputUser*) – N/A
- **approved** (bool, *optional*) – N/A

**Returns**

*Updates*

**messages.HidePeerSettingsBar**

**class** hydrogram.raw.functions.messages.HidePeerSettingsBar

Telegram API function.

**Details:**

- Layer: 176
- ID: 4FACB138

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

bool

**messages.ImportChatInvite**

**class** hydrogram.raw.functions.messages.ImportChatInvite

Telegram API function.

**Details:**

- Layer: 176
- ID: 6C50051C

**Parameters**

**hash** (str) – N/A

**Returns**

*Updates*

### messages.InitHistoryImport

**class** hydrogram.raw.functions.messages.InitHistoryImport

Telegram API function.

#### Details:

- Layer: 176
- ID: 34090C3B

#### Parameters

- **peer** (*InputPeer*) – N/A
- **file** (*InputFile*) – N/A
- **media\_count** (int 32-bit) – N/A

#### Returns

*messages.HistoryImport*

### messages.InstallStickerSet

**class** hydrogram.raw.functions.messages.InstallStickerSet

Telegram API function.

#### Details:

- Layer: 176
- ID: C78FE460

#### Parameters

- **stickerset** (*InputStickerSet*) – N/A
- **archived** (bool) – N/A

#### Returns

*messages.StickerSetInstallResult*

### messages.MarkDialogUnread

**class** hydrogram.raw.functions.messages.MarkDialogUnread

Telegram API function.

#### Details:

- Layer: 176
- ID: C286D98F

#### Parameters

- **peer** (*InputDialogPeer*) – N/A
- **unread** (bool, *optional*) – N/A

#### Returns

bool



**messages.MigrateChat**

**class** hydrogram.raw.functions.messages.**MigrateChat**

Telegram API function.

**Details:**

- Layer: 176
- ID: A2875319

**Parameters**

**chat\_id** (int 64-bit) – N/A

**Returns**

*Updates*

**messages.ProlongWebView**

**class** hydrogram.raw.functions.messages.**ProlongWebView**

Telegram API function.

**Details:**

- Layer: 176
- ID: B0D81A83

**Parameters**

- **peer** (*InputPeer*) – N/A
- **bot** (*InputUser*) – N/A
- **query\_id** (int 64-bit) – N/A
- **silent** (bool, *optional*) – N/A
- **reply\_to** (*InputReplyTo*, *optional*) – N/A
- **send\_as** (*InputPeer*, *optional*) – N/A

**Returns**

bool

**messages.RateTranscribedAudio**

**class** hydrogram.raw.functions.messages.**RateTranscribedAudio**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7F1D072F

**Parameters**

- **peer** (*InputPeer*) – N/A

- **msg\_id** (int 32-bit) – N/A
- **transcription\_id** (int 64-bit) – N/A
- **good** (bool) – N/A

**Returns**

bool

### **messages.ReadDiscussion**

**class** hydrogram.raw.functions.messages.**ReadDiscussion**

Telegram API function.

**Details:**

- Layer: 176
- ID: F731A9F4

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **read\_max\_id** (int 32-bit) – N/A

**Returns**

bool

### **messages.ReadEncryptedHistory**

**class** hydrogram.raw.functions.messages.**ReadEncryptedHistory**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7F4B690A

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **max\_date** (int 32-bit) – N/A

**Returns**

bool

### messages.ReadFeaturedStickers

**class** hydrogram.raw.functions.messages.ReadFeaturedStickers

Telegram API function.

**Details:**

- Layer: 176
- ID: 5B118126

**Parameters**

**id** (List of int 64-bit) – N/A

**Returns**

bool

### messages.ReadHistory

**class** hydrogram.raw.functions.messages.ReadHistory

Telegram API function.

**Details:**

- Layer: 176
- ID: E306D3A

**Parameters**

- **peer** (*InputPeer*) – N/A
- **max\_id** (int 32-bit) – N/A

**Returns**

*messages.AffectedMessages*

### messages.ReadMentions

**class** hydrogram.raw.functions.messages.ReadMentions

Telegram API function.

**Details:**

- Layer: 176
- ID: 36E5BF4D

**Parameters**

- **peer** (*InputPeer*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

**Returns**

*messages.AffectedHistory*

### messages.ReadMessageContents

**class** hydrogram.raw.functions.messages.ReadMessageContents

Telegram API function.

**Details:**

- Layer: 176
- ID: 36A73F77

**Parameters**

**id** (List of int 32-bit) – N/A

**Returns**

*messages.AffectedMessages*

### messages.ReadReactions

**class** hydrogram.raw.functions.messages.ReadReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: 54AA7F8E

**Parameters**

- **peer** (*InputPeer*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

**Returns**

*messages.AffectedHistory*

### messages.ReceivedMessages

**class** hydrogram.raw.functions.messages.ReceivedMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 5A954C0

**Parameters**

**max\_id** (int 32-bit) – N/A

**Returns**

List of *ReceivedNotifyMessage*

**messages.ReceivedQueue**

**class** hydrogram.raw.functions.messages.ReceivedQueue

Telegram API function.

**Details:**

- Layer: 176
- ID: 55A5BB66

**Parameters**

**max\_qts** (int 32-bit) – N/A

**Returns**

List of int 64-bit

**messages.ReorderPinnedDialogs**

**class** hydrogram.raw.functions.messages.ReorderPinnedDialogs

Telegram API function.

**Details:**

- Layer: 176
- ID: 3B1ADF37

**Parameters**

- **folder\_id** (int 32-bit) – N/A
- **order** (List of *InputDialogPeer*) – N/A
- **force** (bool, *optional*) – N/A

**Returns**

bool

**messages.ReorderPinnedSavedDialogs**

**class** hydrogram.raw.functions.messages.ReorderPinnedSavedDialogs

Telegram API function.

**Details:**

- Layer: 176
- ID: 8B716587

**Parameters**

- **order** (List of *InputDialogPeer*) – N/A
- **force** (bool, *optional*) – N/A

**Returns**

bool

### messages.ReorderQuickReplies

**class** hydrogram.raw.functions.messages.ReorderQuickReplies

Telegram API function.

**Details:**

- Layer: 176
- ID: 60331907

**Parameters**

**order** (List of int 32-bit) – N/A

**Returns**

bool

### messages.ReorderStickerSets

**class** hydrogram.raw.functions.messages.ReorderStickerSets

Telegram API function.

**Details:**

- Layer: 176
- ID: 78337739

**Parameters**

- **order** (List of int 64-bit) – N/A
- **masks** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A

**Returns**

bool

### messages.Report

**class** hydrogram.raw.functions.messages.Report

Telegram API function.

**Details:**

- Layer: 176
- ID: 8953AB4E

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A
- **reason** (*ReportReason*) – N/A
- **message** (str) – N/A

**Returns**

bool

**messages.ReportEncryptedSpam****class** hydrogram.raw.functions.messages.**ReportEncryptedSpam**

Telegram API function.

**Details:**

- Layer: 176
- ID: 4B0C8C0F

**Parameters****peer** (*InputEncryptedChat*) – N/A**Returns**

bool

**messages.ReportReaction****class** hydrogram.raw.functions.messages.**ReportReaction**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3F64C076

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **reaction\_peer** (*InputPeer*) – N/A

**Returns**

bool

**messages.ReportSpam****class** hydrogram.raw.functions.messages.**ReportSpam**

Telegram API function.

**Details:**

- Layer: 176
- ID: CF1592DB

**Parameters****peer** (*InputPeer*) – N/A**Returns**

bool

### messages.RequestAppWebView

**class** hydrogram.raw.functions.messages.RequestAppWebView

Telegram API function.

#### Details:

- Layer: 176
- ID: 8C5A3B3C

#### Parameters

- **peer** (*InputPeer*) – N/A
- **app** (*InputBotApp*) – N/A
- **platform** (str) – N/A
- **write\_allowed** (bool, *optional*) – N/A
- **start\_param** (str, *optional*) – N/A
- **theme\_params** (*DataJSON*, *optional*) – N/A

#### Returns

*AppWebViewResult*

### messages.RequestEncryption

**class** hydrogram.raw.functions.messages.RequestEncryption

Telegram API function.

#### Details:

- Layer: 176
- ID: F64DAF43

#### Parameters

- **user\_id** (*InputUser*) – N/A
- **random\_id** (int 32-bit) – N/A
- **g\_a** (bytes) – N/A

#### Returns

*EncryptedChat*

### messages.RequestSimpleWebView

**class** hydrogram.raw.functions.messages.RequestSimpleWebView

Telegram API function.

#### Details:

- Layer: 176
- ID: 1A46500A



**Parameters**

- **bot** (*InputUser*) – N/A
- **platform** (str) – N/A
- **from\_switch\_webview** (bool, *optional*) – N/A
- **from\_side\_menu** (bool, *optional*) – N/A
- **url** (str, *optional*) – N/A
- **start\_param** (str, *optional*) – N/A
- **theme\_params** (*DataJSON*, *optional*) – N/A

**Returns***SimpleWebViewResult***messages.RequestUrlAuth****class** hydrogram.raw.functions.messages.**RequestUrlAuth**

Telegram API function.

**Details:**

- Layer: 176
- ID: 198FB446

**Parameters**

- **peer** (*InputPeer*, *optional*) – N/A
- **msg\_id** (int 32-bit, *optional*) – N/A
- **button\_id** (int 32-bit, *optional*) – N/A
- **url** (str, *optional*) – N/A

**Returns***UrlAuthResult***messages.RequestWebView****class** hydrogram.raw.functions.messages.**RequestWebView**

Telegram API function.

**Details:**

- Layer: 176
- ID: 269DC2C1

**Parameters**

- **peer** (*InputPeer*) – N/A
- **bot** (*InputUser*) – N/A
- **platform** (str) – N/A
- **from\_bot\_menu** (bool, *optional*) – N/A

- **silent** (*bool, optional*) – N/A
- **url** (*str, optional*) – N/A
- **start\_param** (*str, optional*) – N/A
- **theme\_params** (*DataJSON, optional*) – N/A
- **reply\_to** (*InputReplyTo, optional*) – N/A
- **send\_as** (*InputPeer, optional*) – N/A

**Returns***WebViewResult***messages.SaveDefaultSendAs****class** hydrogram.raw.functions.messages.**SaveDefaultSendAs**

Telegram API function.

**Details:**

- Layer: 176
- ID: CCFDDF96

**Parameters**

- **peer** (*InputPeer*) – N/A
- **send\_as** (*InputPeer*) – N/A

**Returns***bool***messages.SaveDraft****class** hydrogram.raw.functions.messages.**SaveDraft**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7FF3B806

**Parameters**

- **peer** (*InputPeer*) – N/A
- **message** (*str*) – N/A
- **no\_webpage** (*bool, optional*) – N/A
- **invert\_media** (*bool, optional*) – N/A
- **reply\_to** (*InputReplyTo, optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **media** (*InputMedia, optional*) – N/A

**Returns**

bool

**messages.SaveGif****class** hydrogram.raw.functions.messages.**SaveGif**

Telegram API function.

**Details:**

- Layer: 176
- ID: 327A30CB

**Parameters**

- **id** (*InputDocument*) – N/A
- **unsave** (bool) – N/A

**Returns**

bool

**messages.SaveRecentSticker****class** hydrogram.raw.functions.messages.**SaveRecentSticker**

Telegram API function.

**Details:**

- Layer: 176
- ID: 392718F8

**Parameters**

- **id** (*InputDocument*) – N/A
- **unsave** (bool) – N/A
- **attached** (bool, *optional*) – N/A

**Returns**

bool

**messages.Search****class** hydrogram.raw.functions.messages.**Search**

Telegram API function.

**Details:**

- Layer: 176
- ID: 29EE847A

**Parameters**

- **peer** (*InputPeer*) – N/A

- **q** (str) – N/A
- **filter** (*MessagesFilter*) – N/A
- **min\_date** (int 32-bit) – N/A
- **max\_date** (int 32-bit) – N/A
- **offset\_id** (int 32-bit) – N/A
- **add\_offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **min\_id** (int 32-bit) – N/A
- **hash** (int 64-bit) – N/A
- **from\_id** (*InputPeer*, optional) – N/A
- **saved\_peer\_id** (*InputPeer*, optional) – N/A
- **saved\_reaction** (List of *Reaction*, optional) – N/A
- **top\_msg\_id** (int 32-bit, optional) – N/A

**Returns***messages.Messages***messages.SearchCustomEmoji****class** hydrogram.raw.functions.messages.SearchCustomEmoji

Telegram API function.

**Details:**

- Layer: 176
- ID: 2C11C0D7

**Parameters**

- **emoticon** (str) – N/A
- **hash** (int 64-bit) – N/A

**Returns***EmojiList***messages.SearchEmojiStickerSets****class** hydrogram.raw.functions.messages.SearchEmojiStickerSets

Telegram API function.

**Details:**

- Layer: 176
- ID: 92B4494C

**Parameters**

- **q** (str) – N/A
- **hash** (int 64-bit) – N/A
- **exclude\_featured** (bool, *optional*) – N/A

**Returns***messages.FoundStickerSets***messages.SearchGlobal****class** hydrogram.raw.functions.messages.SearchGlobal

Telegram API function.

**Details:**

- Layer: 176
- ID: 4BC6589A

**Parameters**

- **q** (str) – N/A
- **filter** (*MessagesFilter*) – N/A
- **min\_date** (int 32-bit) – N/A
- **max\_date** (int 32-bit) – N/A
- **offset\_rate** (int 32-bit) – N/A
- **offset\_peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

**Returns***messages.Messages***messages.SearchSentMedia****class** hydrogram.raw.functions.messages.SearchSentMedia

Telegram API function.

**Details:**

- Layer: 176
- ID: 107E31A0

**Parameters**

- **q** (str) – N/A
- **filter** (*MessagesFilter*) – N/A
- **limit** (int 32-bit) – N/A

**Returns**

*messages.Messages*

**messages.SearchStickerSets**

**class** hydrogram.raw.functions.messages.SearchStickerSets

Telegram API function.

**Details:**

- Layer: 176
- ID: 35705B8A

**Parameters**

- **q** (str) – N/A
- **hash** (int 64-bit) – N/A
- **exclude\_featured** (bool, optional) – N/A

**Returns**

*messages.FoundStickerSets*

**messages.SendBotRequestedPeer**

**class** hydrogram.raw.functions.messages.SendBotRequestedPeer

Telegram API function.

**Details:**

- Layer: 176
- ID: 91B2D060

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **button\_id** (int 32-bit) – N/A
- **requested\_peers** (List of *InputPeer*) – N/A

**Returns**

*Updates*

**messages.SendEncrypted**

**class** hydrogram.raw.functions.messages.**SendEncrypted**

Telegram API function.

**Details:**

- Layer: 176
- ID: 44FA7A15

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **random\_id** (int 64-bit) – N/A
- **data** (bytes) – N/A
- **silent** (bool, *optional*) – N/A

**Returns**

*messages.SentEncryptedMessage*

**messages.SendEncryptedFile**

**class** hydrogram.raw.functions.messages.**SendEncryptedFile**

Telegram API function.

**Details:**

- Layer: 176
- ID: 5559481D

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **random\_id** (int 64-bit) – N/A
- **data** (bytes) – N/A
- **file** (*InputEncryptedFile*) – N/A
- **silent** (bool, *optional*) – N/A

**Returns**

*messages.SentEncryptedMessage*

**messages.SendEncryptedService**

**class** hydrogram.raw.functions.messages.**SendEncryptedService**

Telegram API function.

**Details:**

- Layer: 176
- ID: 32D439A4

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **random\_id** (int 64-bit) – N/A
- **data** (bytes) – N/A

**Returns**

*messages.SentEncryptedMessage*

**messages.SendInlineBotResult**

**class** hydrogram.raw.functions.messages.**SendInlineBotResult**

Telegram API function.

**Details:**

- Layer: 176
- ID: 3EBEE86A

**Parameters**

- **peer** (*InputPeer*) – N/A
- **random\_id** (int 64-bit) – N/A
- **query\_id** (int 64-bit) – N/A
- **id** (str) – N/A
- **silent** (bool, *optional*) – N/A
- **background** (bool, *optional*) – N/A
- **clear\_draft** (bool, *optional*) – N/A
- **hide\_via** (bool, *optional*) – N/A
- **reply\_to** (*InputReplyTo*, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **send\_as** (*InputPeer*, *optional*) – N/A
- **quick\_reply\_shortcut** (*InputQuickReplyShortcut*, *optional*) – N/A

**Returns**

*Updates*

**messages.SendMedia**

**class** hydrogram.raw.functions.messages.**SendMedia**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7BD66041

**Parameters**



- **peer** (*InputPeer*) – N/A
- **media** (*InputMedia*) – N/A
- **message** (str) – N/A
- **random\_id** (int 64-bit) – N/A
- **silent** (bool, *optional*) – N/A
- **background** (bool, *optional*) – N/A
- **clear\_draft** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **update\_stickersets\_order** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **reply\_to** (*InputReplyTo*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **send\_as** (*InputPeer*, *optional*) – N/A
- **quick\_reply\_shortcut** (*InputQuickReplyShortcut*, *optional*) – N/A

**Returns***Updates***messages.SendMessage****class** hydrogram.raw.functions.messages.**SendMessage**

Telegram API function.

**Details:**

- Layer: 176
- ID: DFF8042C

**Parameters**

- **peer** (*InputPeer*) – N/A
- **message** (str) – N/A
- **random\_id** (int 64-bit) – N/A
- **no\_webpage** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **background** (bool, *optional*) – N/A
- **clear\_draft** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **update\_stickersets\_order** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A

- **reply\_to** (*InputReplyTo, optional*) – N/A
- **reply\_markup** (*ReplyMarkup, optional*) – N/A
- **entities** (List of *MessageEntity, optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **send\_as** (*InputPeer, optional*) – N/A
- **quick\_reply\_shortcut** (*InputQuickReplyShortcut, optional*) – N/A

**Returns**

*Updates*

## **messages.SendMultiMedia**

**class** hydrogram.raw.functions.messages.**SendMultiMedia**

Telegram API function.

**Details:**

- Layer: 176
- ID: C964709

**Parameters**

- **peer** (*InputPeer*) – N/A
- **multi\_media** (List of *InputSingleMedia*) – N/A
- **silent** (bool, *optional*) – N/A
- **background** (bool, *optional*) – N/A
- **clear\_draft** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **update\_stickersets\_order** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **reply\_to** (*InputReplyTo, optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **send\_as** (*InputPeer, optional*) – N/A
- **quick\_reply\_shortcut** (*InputQuickReplyShortcut, optional*) – N/A

**Returns**

*Updates*

**messages.SendQuickReplyMessages**

**class** hydrogram.raw.functions.messages.SendQuickReplyMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: 33153AD4

**Parameters**

- **peer** (*InputPeer*) – N/A
- **shortcut\_id** (int 32-bit) – N/A

**Returns**

*Updates*

**messages.SendReaction**

**class** hydrogram.raw.functions.messages.SendReaction

Telegram API function.

**Details:**

- Layer: 176
- ID: D30D78D4

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **big** (bool, *optional*) – N/A
- **add\_to\_recent** (bool, *optional*) – N/A
- **reaction** (List of *Reaction*, *optional*) – N/A

**Returns**

*Updates*

**messages.SendScheduledMessages**

**class** hydrogram.raw.functions.messages.SendScheduledMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: BD38850A

**Parameters**

- **peer** (*InputPeer*) – N/A

- **id** (List of int 32-bit) – N/A

**Returns**

*Updates*

**messages.SendScreenshotNotification**

**class** hydrogram.raw.functions.messages.SendScreenshotNotification

Telegram API function.

**Details:**

- Layer: 176
- ID: A1405817

**Parameters**

- **peer** (*InputPeer*) – N/A
- **reply\_to** (*InputReplyTo*) – N/A
- **random\_id** (int 64-bit) – N/A

**Returns**

*Updates*

**messages.SendVote**

**class** hydrogram.raw.functions.messages.SendVote

Telegram API function.

**Details:**

- Layer: 176
- ID: 10EA6184

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **options** (List of bytes) – N/A

**Returns**

*Updates*

### messages.SendWebViewData

**class** hydrogram.raw.functions.messages.SendWebViewData

Telegram API function.

**Details:**

- Layer: 176
- ID: DC0242C8

**Parameters**

- **bot** (*InputUser*) – N/A
- **random\_id** (int 64-bit) – N/A
- **button\_text** (str) – N/A
- **data** (str) – N/A

**Returns**

*Updates*

### messages.SendWebViewResultMessage

**class** hydrogram.raw.functions.messages.SendWebViewResultMessage

Telegram API function.

**Details:**

- Layer: 176
- ID: A4314F5

**Parameters**

- **bot\_query\_id** (str) – N/A
- **result** (*InputBotInlineResult*) – N/A

**Returns**

*WebViewMessageSent*

### messages.SetBotCallbackAnswer

**class** hydrogram.raw.functions.messages.SetBotCallbackAnswer

Telegram API function.

**Details:**

- Layer: 176
- ID: D58F130A

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **cache\_time** (int 32-bit) – N/A

- **alert** (bool, *optional*) – N/A
- **message** (str, *optional*) – N/A
- **url** (str, *optional*) – N/A

**Returns**

bool

### messages.SetBotPrecheckoutResults

**class** hydrogram.raw.functions.messages.SetBotPrecheckoutResults

Telegram API function.

**Details:**

- Layer: 176
- ID: 9C2DD95

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **success** (bool, *optional*) – N/A
- **error** (str, *optional*) – N/A

**Returns**

bool

### messages.SetBotShippingResults

**class** hydrogram.raw.functions.messages.SetBotShippingResults

Telegram API function.

**Details:**

- Layer: 176
- ID: E5F672FA

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **error** (str, *optional*) – N/A
- **shipping\_options** (List of [ShippingOption](#), *optional*) – N/A

**Returns**

bool

### messages.SetChatAvailableReactions

**class** hydrogram.raw.functions.messages.SetChatAvailableReactions

Telegram API function.

**Details:**

- Layer: 176
- ID: FEB16771

**Parameters**

- **peer** (*InputPeer*) – N/A
- **available\_reactions** (*ChatReactions*) – N/A

**Returns**

*Updates*

### messages.SetChatTheme

**class** hydrogram.raw.functions.messages.SetChatTheme

Telegram API function.

**Details:**

- Layer: 176
- ID: E63BE13F

**Parameters**

- **peer** (*InputPeer*) – N/A
- **emoticon** (str) – N/A

**Returns**

*Updates*

### messages.SetChatWallPaper

**class** hydrogram.raw.functions.messages.SetChatWallPaper

Telegram API function.

**Details:**

- Layer: 176
- ID: 8FFACAE1

**Parameters**

- **peer** (*InputPeer*) – N/A
- **for\_both** (bool, *optional*) – N/A
- **revert** (bool, *optional*) – N/A
- **wallpaper** (*InputWallPaper*, *optional*) – N/A

- **settings** (*WallPaperSettings*, *optional*) – N/A
- **id** (int 32-bit, *optional*) – N/A

**Returns**

*Updates*

### **messages.SetDefaultHistoryTTL**

**class** hydrogram.raw.functions.messages.SetDefaultHistoryTTL

Telegram API function.

**Details:**

- Layer: 176
- ID: 9EB51445

**Parameters**

**period** (int 32-bit) – N/A

**Returns**

bool

### **messages.SetDefaultReaction**

**class** hydrogram.raw.functions.messages.SetDefaultReaction

Telegram API function.

**Details:**

- Layer: 176
- ID: 4F47A016

**Parameters**

**reaction** (*Reaction*) – N/A

**Returns**

bool

### **messages.SetEncryptedTyping**

**class** hydrogram.raw.functions.messages.SetEncryptedTyping

Telegram API function.

**Details:**

- Layer: 176
- ID: 791451ED

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **typing** (bool) – N/A



**Returns**

bool

**messages.SetGameScore**

**class** hydrogram.raw.functions.messages.SetGameScore

Telegram API function.

**Details:**

- Layer: 176
- ID: 8EF8ECC0

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **user\_id** (*InputUser*) – N/A
- **score** (int 32-bit) – N/A
- **edit\_message** (bool, *optional*) – N/A
- **force** (bool, *optional*) – N/A

**Returns**

*Updates*

**messages.SetHistoryTTL**

**class** hydrogram.raw.functions.messages.SetHistoryTTL

Telegram API function.

**Details:**

- Layer: 176
- ID: B80E5FE4

**Parameters**

- **peer** (*InputPeer*) – N/A
- **period** (int 32-bit) – N/A

**Returns**

*Updates*

## messages.SetInlineBotResults

**class** hydrogram.raw.functions.messages.SetInlineBotResults

Telegram API function.

### Details:

- Layer: 176
- ID: BB12A419

### Parameters

- **query\_id** (int 64-bit) – N/A
- **results** (List of [InputBotInlineResult](#)) – N/A
- **cache\_time** (int 32-bit) – N/A
- **gallery** (bool, *optional*) – N/A
- **private** (bool, *optional*) – N/A
- **next\_offset** (str, *optional*) – N/A
- **switch\_pm** ([InlineBotSwitchPM](#), *optional*) – N/A
- **switch\_webview** ([InlineBotWebView](#), *optional*) – N/A

### Returns

bool

## messages.SetInlineGameScore

**class** hydrogram.raw.functions.messages.SetInlineGameScore

Telegram API function.

### Details:

- Layer: 176
- ID: 15AD9F64

### Parameters

- **id** ([InputBotInlineMessageID](#)) – N/A
- **user\_id** ([InputUser](#)) – N/A
- **score** (int 32-bit) – N/A
- **edit\_message** (bool, *optional*) – N/A
- **force** (bool, *optional*) – N/A

### Returns

bool

## messages.SetTyping

**class** hydrogram.raw.functions.messages.SetTyping

Telegram API function.

### Details:

- Layer: 176
- ID: 58943EE2

### Parameters

- **peer** (*InputPeer*) – N/A
- **action** (*SendMessageAction*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

### Returns

bool

## messages.StartBot

**class** hydrogram.raw.functions.messages.StartBot

Telegram API function.

### Details:

- Layer: 176
- ID: E6DF7378

### Parameters

- **bot** (*InputUser*) – N/A
- **peer** (*InputPeer*) – N/A
- **random\_id** (int 64-bit) – N/A
- **start\_param** (str) – N/A

### Returns

*Updates*

## messages.StartHistoryImport

**class** hydrogram.raw.functions.messages.StartHistoryImport

Telegram API function.

### Details:

- Layer: 176
- ID: B43DF344

### Parameters

- **peer** (*InputPeer*) – N/A

- **import\_id** (int 64-bit) – N/A

**Returns**

bool

### **messages.ToggleBotInAttachMenu**

**class** hydrogram.raw.functions.messages.ToggleBotInAttachMenu

Telegram API function.

**Details:**

- Layer: 176
- ID: 69F59D69

**Parameters**

- **bot** (*InputUser*) – N/A
- **enabled** (bool) – N/A
- **write\_allowed** (bool, *optional*) – N/A

**Returns**

bool

### **messages.ToggleDialogFilterTags**

**class** hydrogram.raw.functions.messages.ToggleDialogFilterTags

Telegram API function.

**Details:**

- Layer: 176
- ID: FD2DDA49

**Parameters**

**enabled** (bool) – N/A

**Returns**

bool

### **messages.ToggleDialogPin**

**class** hydrogram.raw.functions.messages.ToggleDialogPin

Telegram API function.

**Details:**

- Layer: 176
- ID: A731E257

**Parameters**

- **peer** (*InputDialogPeer*) – N/A

- **pinned** (bool, *optional*) – N/A

**Returns**

bool

**messages.ToggleNoForwards****class** hydrogram.raw.functions.messages.ToggleNoForwards

Telegram API function.

**Details:**

- Layer: 176
- ID: B11EAFA2

**Parameters**

- **peer** (*InputPeer*) – N/A
- **enabled** (bool) – N/A

**Returns***Updates***messages.TogglePeerTranslations****class** hydrogram.raw.functions.messages.TogglePeerTranslations

Telegram API function.

**Details:**

- Layer: 176
- ID: E47CB579

**Parameters**

- **peer** (*InputPeer*) – N/A
- **disabled** (bool, *optional*) – N/A

**Returns**

bool

**messages.ToggleSavedDialogPin****class** hydrogram.raw.functions.messages.ToggleSavedDialogPin

Telegram API function.

**Details:**

- Layer: 176
- ID: AC81BBDE

**Parameters**

- **peer** (*InputDialogPeer*) – N/A

- **pinned** (bool, *optional*) – N/A

**Returns**

bool

## messages.ToggleStickerSets

**class** hydrogram.raw.functions.messages.ToggleStickerSets

Telegram API function.

**Details:**

- Layer: 176
- ID: B5052FEA

**Parameters**

- **stickersets** (List of *InputStickerSet*) – N/A
- **uninstall** (bool, *optional*) – N/A
- **archive** (bool, *optional*) – N/A
- **unarchive** (bool, *optional*) – N/A

**Returns**

bool

## messages.TranscribeAudio

**class** hydrogram.raw.functions.messages.TranscribeAudio

Telegram API function.

**Details:**

- Layer: 176
- ID: 269E9A49

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

*messages.TranscribedAudio*

**messages.TranslateText**

**class** hydrogram.raw.functions.messages.TranslateText

Telegram API function.

**Details:**

- Layer: 176
- ID: 63183030

**Parameters**

- **to\_lang** (str) – N/A
- **peer** (*InputPeer*, optional) – N/A
- **id** (List of int 32-bit, optional) – N/A
- **text** (List of *TextWithEntities*, optional) – N/A

**Returns**

*messages.TranslatedText*

**messages.UninstallStickerSet**

**class** hydrogram.raw.functions.messages.UninstallStickerSet

Telegram API function.

**Details:**

- Layer: 176
- ID: F96E55DE

**Parameters**

**stickerset** (*InputStickerSet*) – N/A

**Returns**

bool

**messages.UnpinAllMessages**

**class** hydrogram.raw.functions.messages.UnpinAllMessages

Telegram API function.

**Details:**

- Layer: 176
- ID: EE22B9A8

**Parameters**

- **peer** (*InputPeer*) – N/A
- **top\_msg\_id** (int 32-bit, optional) – N/A

**Returns**

*messages.AffectedHistory*

### messages.UpdateDialogFilter

**class** hydrogram.raw.functions.messages.UpdateDialogFilter

Telegram API function.

**Details:**

- Layer: 176
- ID: 1AD4A04A

**Parameters**

- **id** (int 32-bit) – N/A
- **filter** (*DialogFilter*, optional) – N/A

**Returns**

bool

### messages.UpdateDialogFiltersOrder

**class** hydrogram.raw.functions.messages.UpdateDialogFiltersOrder

Telegram API function.

**Details:**

- Layer: 176
- ID: C563C1E4

**Parameters**

**order** (List of int 32-bit) – N/A

**Returns**

bool

### messages.UpdatePinnedMessage

**class** hydrogram.raw.functions.messages.UpdatePinnedMessage

Telegram API function.

**Details:**

- Layer: 176
- ID: D2AAF7EC

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **silent** (bool, optional) – N/A
- **unpin** (bool, optional) – N/A
- **pm\_oneside** (bool, optional) – N/A



**Returns***Updates***messages.UpdateSavedReactionTag****class** hydrogram.raw.functions.messages.UpdateSavedReactionTag

Telegram API function.

**Details:**

- Layer: 176
- ID: 60297DEC

**Parameters**

- **reaction** (*Reaction*) – N/A
- **title** (str, *optional*) – N/A

**Returns**

bool

**messages.UploadEncryptedFile****class** hydrogram.raw.functions.messages.UploadEncryptedFile

Telegram API function.

**Details:**

- Layer: 176
- ID: 5057C497

**Parameters**

- **peer** (*InputEncryptedChat*) – N/A
- **file** (*InputEncryptedFile*) – N/A

**Returns***EncryptedFile***messages.UploadImportedMedia****class** hydrogram.raw.functions.messages.UploadImportedMedia

Telegram API function.

**Details:**

- Layer: 176
- ID: 2A862092

**Parameters**

- **peer** (*InputPeer*) – N/A
- **import\_id** (int 64-bit) – N/A

- `file_name` (str) – N/A
- `media` (*InputMedia*) – N/A

**Returns**

*MessageMedia*

## **messages.UploadMedia**

**class** hydrogram.raw.functions.messages.UploadMedia

Telegram API function.

**Details:**

- Layer: 176
- ID: 519BC2B1

**Parameters**

- `peer` (*InputPeer*) – N/A
- `media` (*InputMedia*) – N/A

**Returns**

*MessageMedia*

## **Payments**

### **payments.ApplyGiftCode**

**class** hydrogram.raw.functions.payments.ApplyGiftCode

Telegram API function.

**Details:**

- Layer: 176
- ID: F6E26854

**Parameters**

`slug` (str) – N/A

**Returns**

*Updates*

### **payments.AssignAppStoreTransaction**

**class** hydrogram.raw.functions.payments.AssignAppStoreTransaction

Telegram API function.

**Details:**

- Layer: 176
- ID: 80ED747D

**Parameters**

- **receipt** (bytes) – N/A
- **purpose** (*InputStorePaymentPurpose*) – N/A

**Returns***Updates***payments.AssignPlayMarketTransaction****class** hydrogram.raw.functions.payments.**AssignPlayMarketTransaction**

Telegram API function.

**Details:**

- Layer: 176
- ID: DFFD50D3

**Parameters**

- **receipt** (*DataJSON*) – N/A
- **purpose** (*InputStorePaymentPurpose*) – N/A

**Returns***Updates***payments.CanPurchasePremium****class** hydrogram.raw.functions.payments.**CanPurchasePremium**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9FC19EB6

**Parameters****purpose** (*InputStorePaymentPurpose*) – N/A**Returns**

bool

**payments.CheckGiftCode****class** hydrogram.raw.functions.payments.**CheckGiftCode**

Telegram API function.

**Details:**

- Layer: 176
- ID: 8E51B4C1

**Parameters****slug** (str) – N/A

**Returns**

*payments.CheckedGiftCode*

**payments.ClearSavedInfo**

**class** hydrogram.raw.functions.payments.**ClearSavedInfo**

Telegram API function.

**Details:**

- Layer: 176
- ID: D83D70C1

**Parameters**

- **credentials** (bool, *optional*) – N/A
- **info** (bool, *optional*) – N/A

**Returns**

bool

**payments.ExportInvoice**

**class** hydrogram.raw.functions.payments.**ExportInvoice**

Telegram API function.

**Details:**

- Layer: 176
- ID: F91B065

**Parameters**

**invoice\_media** (*InputMedia*) – N/A

**Returns**

*payments.ExportedInvoice*

**payments.GetBankCardData**

**class** hydrogram.raw.functions.payments.**GetBankCardData**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2E79D779

**Parameters**

**number** (str) – N/A

**Returns**

*payments.BankCardData*

### payments.GetGiveawayInfo

**class** hydrogram.raw.functions.payments.GetGiveawayInfo

Telegram API function.

**Details:**

- Layer: 176
- ID: F4239425

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

*payments.GiveawayInfo*

### payments.GetPaymentForm

**class** hydrogram.raw.functions.payments.GetPaymentForm

Telegram API function.

**Details:**

- Layer: 176
- ID: 37148DBB

**Parameters**

- **invoice** (*InputInvoice*) – N/A
- **theme\_params** (*DataJSON*, optional) – N/A

**Returns**

*payments.PaymentForm*

### payments.GetPaymentReceipt

**class** hydrogram.raw.functions.payments.GetPaymentReceipt

Telegram API function.

**Details:**

- Layer: 176
- ID: 2478D1CC

**Parameters**

- **peer** (*InputPeer*) – N/A
- **msg\_id** (int 32-bit) – N/A

**Returns**

*payments.PaymentReceipt*

### payments.GetPremiumGiftCodeOptions

**class** hydrogram.raw.functions.payments.GetPremiumGiftCodeOptions

Telegram API function.

**Details:**

- Layer: 176
- ID: 2757BA54

**Parameters**

**boost\_peer** (*InputPeer*, optional) – N/A

**Returns**

List of *PremiumGiftCodeOption*

### payments.GetSavedInfo

**class** hydrogram.raw.functions.payments.GetSavedInfo

Telegram API function.

**Details:**

- Layer: 176
- ID: 227D824B

**Parameters**

No parameters required.

**Returns**

*payments.SavedInfo*

### payments.LaunchPrepaidGiveaway

**class** hydrogram.raw.functions.payments.LaunchPrepaidGiveaway

Telegram API function.

**Details:**

- Layer: 176
- ID: 5FF58F20

**Parameters**

- **peer** (*InputPeer*) – N/A
- **giveaway\_id** (int 64-bit) – N/A
- **purpose** (*InputStorePaymentPurpose*) – N/A

**Returns**

*Updates*

## payments.SendPaymentForm

**class** hydrogram.raw.functions.payments.**SendPaymentForm**

Telegram API function.

### Details:

- Layer: 176
- ID: 2D03522F

### Parameters

- **form\_id** (int 64-bit) – N/A
- **invoice** (*InputInvoice*) – N/A
- **credentials** (*InputPaymentCredentials*) – N/A
- **requested\_info\_id** (str, *optional*) – N/A
- **shipping\_option\_id** (str, *optional*) – N/A
- **tip\_amount** (int 64-bit, *optional*) – N/A

### Returns

*payments.PaymentResult*

## payments.ValidateRequestedInfo

**class** hydrogram.raw.functions.payments.**ValidateRequestedInfo**

Telegram API function.

### Details:

- Layer: 176
- ID: B6C8F12B

### Parameters

- **invoice** (*InputInvoice*) – N/A
- **info** (*PaymentRequestedInfo*) – N/A
- **save** (bool, *optional*) – N/A

### Returns

*payments.ValidatedRequestedInfo*

## Phone

### phone.AcceptCall

**class** hydrogram.raw.functions.phone.**AcceptCall**

Telegram API function.

### Details:

- Layer: 176

- ID: 3BD2B4A0

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **g\_b** (bytes) – N/A
- **protocol** (*PhoneCallProtocol*) – N/A

**Returns**

*phone.PhoneCall*

## **phone.CheckGroupCall**

**class** hydrogram.raw.functions.phone.**CheckGroupCall**

Telegram API function.

**Details:**

- Layer: 176
- ID: B59CF977

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **sources** (List of int 32-bit) – N/A

**Returns**

List of int 32-bit

## **phone.ConfirmCall**

**class** hydrogram.raw.functions.phone.**ConfirmCall**

Telegram API function.

**Details:**

- Layer: 176
- ID: 2EFE1722

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **g\_a** (bytes) – N/A
- **key\_fingerprint** (int 64-bit) – N/A
- **protocol** (*PhoneCallProtocol*) – N/A

**Returns**

*phone.PhoneCall*



## phone.CreateGroupCall

**class** hydrogram.raw.functions.phone.CreateGroupCall

Telegram API function.

### Details:

- Layer: 176
- ID: 48CDC6D8

### Parameters

- **peer** (*InputPeer*) – N/A
- **random\_id** (int 32-bit) – N/A
- **rtmp\_stream** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A

### Returns

*Updates*

## phone.DiscardCall

**class** hydrogram.raw.functions.phone.DiscardCall

Telegram API function.

### Details:

- Layer: 176
- ID: B2CBC1C0

### Parameters

- **peer** (*InputPhoneCall*) – N/A
- **duration** (int 32-bit) – N/A
- **reason** (*PhoneCallDiscardReason*) – N/A
- **connection\_id** (int 64-bit) – N/A
- **video** (bool, *optional*) – N/A

### Returns

*Updates*

### phone.DiscardGroupCall

**class** hydrogram.raw.functions.phone.DiscardGroupCall

Telegram API function.

**Details:**

- Layer: 176
- ID: 7A777135

**Parameters**

**call** (*InputGroupCall*) – N/A

**Returns**

*Updates*

### phone.EditGroupCallParticipant

**class** hydrogram.raw.functions.phone.EditGroupCallParticipant

Telegram API function.

**Details:**

- Layer: 176
- ID: A5273ABF

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **participant** (*InputPeer*) – N/A
- **muted** (bool, *optional*) – N/A
- **volume** (int 32-bit, *optional*) – N/A
- **raise\_hand** (bool, *optional*) – N/A
- **video\_stopped** (bool, *optional*) – N/A
- **video\_paused** (bool, *optional*) – N/A
- **presentation\_paused** (bool, *optional*) – N/A

**Returns**

*Updates*

### phone.EditGroupCallTitle

**class** hydrogram.raw.functions.phone.EditGroupCallTitle

Telegram API function.

**Details:**

- Layer: 176
- ID: 1CA6AC0A

**Parameters**

- `call` (*InputGroupCall*) – N/A
- `title` (str) – N/A

**Returns***Updates***phone.ExportGroupCallInvite****class** hydrogram.raw.functions.phone.**ExportGroupCallInvite**

Telegram API function.

**Details:**

- Layer: 176
- ID: E6AA647F

**Parameters**

- `call` (*InputGroupCall*) – N/A
- `can_self_unmute` (bool, *optional*) – N/A

**Returns***phone.ExportedGroupCallInvite***phone.GetCallConfig****class** hydrogram.raw.functions.phone.**GetCallConfig**

Telegram API function.

**Details:**

- Layer: 176
- ID: 55451FA9

**Parameters****No parameters required.****Returns***DataJSON***phone.GetGroupCall****class** hydrogram.raw.functions.phone.**GetGroupCall**

Telegram API function.

**Details:**

- Layer: 176
- ID: 41845DB

**Parameters**

- `call` (*InputGroupCall*) – N/A
- `limit` (int 32-bit) – N/A

**Returns**

*phone.GroupCall*

### **phone.GetGroupCallJoinAs**

**class** hydrogram.raw.functions.phone.GetGroupCallJoinAs

Telegram API function.

**Details:**

- Layer: 176
- ID: EF7C213A

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*phone.JoinAsPeers*

### **phone.GetGroupCallStreamChannels**

**class** hydrogram.raw.functions.phone.GetGroupCallStreamChannels

Telegram API function.

**Details:**

- Layer: 176
- ID: 1AB21940

**Parameters**

**call** (*InputGroupCall*) – N/A

**Returns**

*phone.GroupCallStreamChannels*

### **phone.GetGroupCallStreamRtmpUrl**

**class** hydrogram.raw.functions.phone.GetGroupCallStreamRtmpUrl

Telegram API function.

**Details:**

- Layer: 176
- ID: DEB3ABBF

**Parameters**

- **peer** (*InputPeer*) – N/A
- **revoke** (bool) – N/A

**Returns***phone.GroupCallStreamRtmpUrl***phone.GetGroupParticipants****class** hydrogram.raw.functions.phone.**GetGroupParticipants**

Telegram API function.

**Details:**

- Layer: 176
- ID: C558D8AB

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **ids** (List of *InputPeer*) – N/A
- **sources** (List of int 32-bit) – N/A
- **offset** (str) – N/A
- **limit** (int 32-bit) – N/A

**Returns***phone.GroupParticipants***phone.InviteToGroupCall****class** hydrogram.raw.functions.phone.**InviteToGroupCall**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7B393160

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **users** (List of *InputUser*) – N/A

**Returns***Updates*

## phone.JoinGroupCall

**class** hydrogram.raw.functions.phone.JoinGroupCall

Telegram API function.

### Details:

- Layer: 176
- ID: B132FF7B

### Parameters

- **call** (*InputGroupCall*) – N/A
- **join\_as** (*InputPeer*) – N/A
- **params** (*DataJSON*) – N/A
- **muted** (bool, *optional*) – N/A
- **video\_stopped** (bool, *optional*) – N/A
- **invite\_hash** (str, *optional*) – N/A

### Returns

*Updates*

## phone.JoinGroupCallPresentation

**class** hydrogram.raw.functions.phone.JoinGroupCallPresentation

Telegram API function.

### Details:

- Layer: 176
- ID: CBEA6BC4

### Parameters

- **call** (*InputGroupCall*) – N/A
- **params** (*DataJSON*) – N/A

### Returns

*Updates*

## phone.LeaveGroupCall

**class** hydrogram.raw.functions.phone.LeaveGroupCall

Telegram API function.

### Details:

- Layer: 176
- ID: 500377F9

### Parameters

- `call` (*InputGroupCall*) – N/A
- `source` (int 32-bit) – N/A

**Returns***Updates***phone.LeaveGroupCallPresentation****class** hydrogram.raw.functions.phone.LeaveGroupCallPresentation

Telegram API function.

**Details:**

- Layer: 176
- ID: 1C50D144

**Parameters**`call` (*InputGroupCall*) – N/A**Returns***Updates***phone.ReceivedCall****class** hydrogram.raw.functions.phone.ReceivedCall

Telegram API function.

**Details:**

- Layer: 176
- ID: 17D54F61

**Parameters**`peer` (*InputPhoneCall*) – N/A**Returns**

bool

**phone.RequestCall****class** hydrogram.raw.functions.phone.RequestCall

Telegram API function.

**Details:**

- Layer: 176
- ID: 42FF96ED

**Parameters**

- `user_id` (*InputUser*) – N/A
- `random_id` (int 32-bit) – N/A

- **g\_a\_hash** (bytes) – N/A
- **protocol** (*PhoneCallProtocol*) – N/A
- **video** (bool, *optional*) – N/A

**Returns**

*phone.PhoneCall*

**phone.SaveCallDebug**

**class** hydrogram.raw.functions.phone.SaveCallDebug

Telegram API function.

**Details:**

- Layer: 176
- ID: 277ADD7E

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **debug** (*DataJSON*) – N/A

**Returns**

bool

**phone.SaveCallLog**

**class** hydrogram.raw.functions.phone.SaveCallLog

Telegram API function.

**Details:**

- Layer: 176
- ID: 41248786

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **file** (*InputFile*) – N/A

**Returns**

bool



### phone.SaveDefaultGroupCallJoinAs

**class** hydrogram.raw.functions.phone.SaveDefaultGroupCallJoinAs

Telegram API function.

**Details:**

- Layer: 176
- ID: 575E1F8C

**Parameters**

- **peer** (*InputPeer*) – N/A
- **join\_as** (*InputPeer*) – N/A

**Returns**

bool

### phone.SendSignalingData

**class** hydrogram.raw.functions.phone.SendSignalingData

Telegram API function.

**Details:**

- Layer: 176
- ID: FF7A9383

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **data** (bytes) – N/A

**Returns**

bool

### phone.SetCallRating

**class** hydrogram.raw.functions.phone.SetCallRating

Telegram API function.

**Details:**

- Layer: 176
- ID: 59EAD627

**Parameters**

- **peer** (*InputPhoneCall*) – N/A
- **rating** (int 32-bit) – N/A
- **comment** (str) – N/A
- **user\_initiative** (bool, *optional*) – N/A

**Returns**

*Updates*

**phone.StartScheduledGroupCall**

**class** hydrogram.raw.functions.phone.StartScheduledGroupCall

Telegram API function.

**Details:**

- Layer: 176
- ID: 5680E342

**Parameters**

**call** (*InputGroupCall*) – N/A

**Returns**

*Updates*

**phone.ToggleGroupCallRecord**

**class** hydrogram.raw.functions.phone.ToggleGroupCallRecord

Telegram API function.

**Details:**

- Layer: 176
- ID: F128C708

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **start** (bool, *optional*) – N/A
- **video** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **video\_portrait** (bool, *optional*) – N/A

**Returns**

*Updates*

**phone.ToggleGroupCallSettings**

**class** hydrogram.raw.functions.phone.ToggleGroupCallSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: 74BBB43D

**Parameters**

- `call` (*InputGroupCall*) – N/A
- `reset_invite_hash` (bool, *optional*) – N/A
- `join_muted` (bool, *optional*) – N/A

**Returns***Updates***phone.ToggleGroupCallStartSubscription****class** hydrogram.raw.functions.phone.ToggleGroupCallStartSubscription

Telegram API function.

**Details:**

- Layer: 176
- ID: 219C34E6

**Parameters**

- `call` (*InputGroupCall*) – N/A
- `subscribed` (bool) – N/A

**Returns***Updates***Photos****photos.DeletePhotos****class** hydrogram.raw.functions.photos.DeletePhotos

Telegram API function.

**Details:**

- Layer: 176
- ID: 87CF7F2F

**Parameters**`id` (List of *InputPhoto*) – N/A**Returns**

List of int 64-bit

### photos.GetUserPhotos

**class** hydrogram.raw.functions.photos.GetUserPhotos

Telegram API function.

#### Details:

- Layer: 176
- ID: 91CD32A8

#### Parameters

- **user\_id** (*InputUser*) – N/A
- **offset** (int 32-bit) – N/A
- **max\_id** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A

#### Returns

*photos.Photos*

### photos.UpdateProfilePhoto

**class** hydrogram.raw.functions.photos.UpdateProfilePhoto

Telegram API function.

#### Details:

- Layer: 176
- ID: 9E82039

#### Parameters

- **id** (*InputPhoto*) – N/A
- **fallback** (bool, *optional*) – N/A
- **bot** (*InputUser*, *optional*) – N/A

#### Returns

*photos.Photo*

### photos.UploadContactProfilePhoto

**class** hydrogram.raw.functions.photos.UploadContactProfilePhoto

Telegram API function.

#### Details:

- Layer: 176
- ID: E14C4A71

#### Parameters

- **user\_id** (*InputUser*) – N/A

- **suggest** (bool, *optional*) – N/A
- **save** (bool, *optional*) – N/A
- **file** (*InputFile*, *optional*) – N/A
- **video** (*InputFile*, *optional*) – N/A
- **video\_start\_ts** (float 64-bit, *optional*) – N/A
- **video\_emoji\_markup** (*VideoSize*, *optional*) – N/A

**Returns***photos.Photo***photos.UploadProfilePhoto****class** hydrogram.raw.functions.photos.UploadProfilePhoto

Telegram API function.

**Details:**

- Layer: 176
- ID: 388A3B5

**Parameters**

- **fallback** (bool, *optional*) – N/A
- **bot** (*InputUser*, *optional*) – N/A
- **file** (*InputFile*, *optional*) – N/A
- **video** (*InputFile*, *optional*) – N/A
- **video\_start\_ts** (float 64-bit, *optional*) – N/A
- **video\_emoji\_markup** (*VideoSize*, *optional*) – N/A

**Returns***photos.Photo***Premium****premium.ApplyBoost****class** hydrogram.raw.functions.premium.ApplyBoost

Telegram API function.

**Details:**

- Layer: 176
- ID: 6B7DA746

**Parameters**

- **peer** (*InputPeer*) – N/A
- **slots** (List of int 32-bit, *optional*) – N/A

**Returns**

*premium.MyBoosts*

**premium.GetBoostsList**

**class** hydrogram.raw.functions.premium.GetBoostsList

Telegram API function.

**Details:**

- Layer: 176
- ID: 60F67660

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset** (str) – N/A
- **limit** (int 32-bit) – N/A
- **gifts** (bool, *optional*) – N/A

**Returns**

*premium.BoostsList*

**premium.GetBoostsStatus**

**class** hydrogram.raw.functions.premium.GetBoostsStatus

Telegram API function.

**Details:**

- Layer: 176
- ID: 42F1F61

**Parameters**

**peer** (*InputPeer*) – N/A

**Returns**

*premium.BoostsStatus*

**premium.GetMyBoosts**

**class** hydrogram.raw.functions.premium.GetMyBoosts

Telegram API function.

**Details:**

- Layer: 176
- ID: BE77B4A

**Parameters**

No parameters required.

**Returns***premium.MyBoosts***premium.GetUserBoosts****class** hydrogram.raw.functions.premium.GetUserBoosts

Telegram API function.

**Details:**

- Layer: 176
- ID: 39854D1F

**Parameters**

- **peer** (*InputPeer*) – N/A
- **user\_id** (*InputUser*) – N/A

**Returns***premium.BoostsList***Smsjobs****smsjobs.FinishJob****class** hydrogram.raw.functions.smsjobs.FinishJob

Telegram API function.

**Details:**

- Layer: 176
- ID: 4F1EBF24

**Parameters**

- **job\_id** (str) – N/A
- **error** (str, *optional*) – N/A

**Returns**

bool

**smsjobs.GetSmsJob****class** hydrogram.raw.functions.smsjobs.GetSmsJob

Telegram API function.

**Details:**

- Layer: 176
- ID: 778D902F

**Parameters****job\_id** (str) – N/A

**Returns**

*SmsJob*

**smsjobs.GetStatus**

**class** hydrogram.raw.functions.smsjobs.GetStatus

Telegram API function.

**Details:**

- Layer: 176
- ID: 10A698E8

**Parameters**

No parameters required.

**Returns**

*smsjobs.Status*

**smsjobs.IsEligibleToJoin**

**class** hydrogram.raw.functions.smsjobs.IsEligibleToJoin

Telegram API function.

**Details:**

- Layer: 176
- ID: EDC39D0

**Parameters**

No parameters required.

**Returns**

*smsjobs.EligibilityToJoin*

**smsjobs.Join**

**class** hydrogram.raw.functions.smsjobs.Join

Telegram API function.

**Details:**

- Layer: 176
- ID: A74ECE2D

**Parameters**

No parameters required.

**Returns**

bool



### **smsjobs.Leave**

**class** hydrogram.raw.functions.smsjobs.Leave

Telegram API function.

**Details:**

- Layer: 176
- ID: 9898AD73

**Parameters**

No parameters required.

**Returns**

bool

### **smsjobs.UpdateSettings**

**class** hydrogram.raw.functions.smsjobs.UpdateSettings

Telegram API function.

**Details:**

- Layer: 176
- ID: 93FA0BF

**Parameters**

**allow\_international** (bool, *optional*) – N/A

**Returns**

bool

## **Stats**

### **stats.GetBroadcastStats**

**class** hydrogram.raw.functions.stats.GetBroadcastStats

Telegram API function.

**Details:**

- Layer: 176
- ID: AB42441A

**Parameters**

- **channel** (*InputChannel*) – N/A
- **dark** (bool, *optional*) – N/A

**Returns**

*stats.BroadcastStats*

### stats.GetMegagroupStats

**class** hydrogram.raw.functions.stats.GetMegagroupStats

Telegram API function.

#### Details:

- Layer: 176
- ID: DCDF8607

#### Parameters

- **channel** (*InputChannel*) – N/A
- **dark** (bool, *optional*) – N/A

#### Returns

*stats.MegagroupStats*

### stats.GetMessagePublicForwards

**class** hydrogram.raw.functions.stats.GetMessagePublicForwards

Telegram API function.

#### Details:

- Layer: 176
- ID: 5F150144

#### Parameters

- **channel** (*InputChannel*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **offset** (str) – N/A
- **limit** (int 32-bit) – N/A

#### Returns

*stats.PublicForwards*

### stats.GetMessageStats

**class** hydrogram.raw.functions.stats.GetMessageStats

Telegram API function.

#### Details:

- Layer: 176
- ID: B6E0A3F5

#### Parameters

- **channel** (*InputChannel*) – N/A
- **msg\_id** (int 32-bit) – N/A

- **dark** (bool, *optional*) – N/A

**Returns**

*stats.MessageStats*

**stats.GetStoryPublicForwards**

**class** hydrogram.raw.functions.stats.GetStoryPublicForwards

Telegram API function.

**Details:**

- Layer: 176
- ID: A6437EF6

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **offset** (str) – N/A
- **limit** (int 32-bit) – N/A

**Returns**

*stats.PublicForwards*

**stats.GetStoryStats**

**class** hydrogram.raw.functions.stats.GetStoryStats

Telegram API function.

**Details:**

- Layer: 176
- ID: 374FEF40

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **dark** (bool, *optional*) – N/A

**Returns**

*stats.StoryStats*

### stats.LoadAsyncGraph

**class** hydrogram.raw.functions.stats.LoadAsyncGraph

Telegram API function.

**Details:**

- Layer: 176
- ID: 621D5FA0

**Parameters**

- **token** (str) – N/A
- **x** (int 64-bit, *optional*) – N/A

**Returns**

*StatsGraph*

### Stickers

#### stickers.AddStickerToSet

**class** hydrogram.raw.functions.stickers.AddStickerToSet

Telegram API function.

**Details:**

- Layer: 176
- ID: 8653FEBE

**Parameters**

- **stickerset** (*InputStickerSet*) – N/A
- **sticker** (*InputStickerSetItem*) – N/A

**Returns**

*messages.StickerSet*

#### stickers.ChangeSticker

**class** hydrogram.raw.functions.stickers.ChangeSticker

Telegram API function.

**Details:**

- Layer: 176
- ID: F5537EBC

**Parameters**

- **sticker** (*InputDocument*) – N/A
- **emoji** (str, *optional*) – N/A
- **mask\_coords** (*MaskCoords*, *optional*) – N/A

- **keywords** (str, *optional*) – N/A

**Returns***messages.StickerSet***stickers.ChangeStickerPosition****class** hydrogram.raw.functions.stickers.**ChangeStickerPosition**

Telegram API function.

**Details:**

- Layer: 176
- ID: FFB6D4CA

**Parameters**

- **sticker** (*InputDocument*) – N/A
- **position** (int 32-bit) – N/A

**Returns***messages.StickerSet***stickers.CheckShortName****class** hydrogram.raw.functions.stickers.**CheckShortName**

Telegram API function.

**Details:**

- Layer: 176
- ID: 284B3639

**Parameters****short\_name** (str) – N/A**Returns**

bool

**stickers.CreateStickerSet****class** hydrogram.raw.functions.stickers.**CreateStickerSet**

Telegram API function.

**Details:**

- Layer: 176
- ID: 9021AB67

**Parameters**

- **user\_id** (*InputUser*) – N/A
- **title** (str) – N/A

- **short\_name** (str) – N/A
- **stickers** (List of *InputStickerSetItem*) – N/A
- **masks** (bool, *optional*) – N/A
- **animated** (bool, *optional*) – N/A
- **videos** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A
- **text\_color** (bool, *optional*) – N/A
- **thumb** (*InputDocument*, *optional*) – N/A
- **software** (str, *optional*) – N/A

**Returns***messages.StickerSet***stickers.DeleteStickerSet****class** hydrogram.raw.functions.stickers.DeleteStickerSet

Telegram API function.

**Details:**

- Layer: 176
- ID: 87704394

**Parameters****stickerset** (*InputStickerSet*) – N/A**Returns**

bool

**stickers.RemoveStickerFromSet****class** hydrogram.raw.functions.stickers.RemoveStickerFromSet

Telegram API function.

**Details:**

- Layer: 176
- ID: F7760F51

**Parameters****sticker** (*InputDocument*) – N/A**Returns***messages.StickerSet*

**stickers.RenameStickerSet**

**class** hydrogram.raw.functions.stickers.RenameStickerSet

Telegram API function.

**Details:**

- Layer: 176
- ID: 124B1C00

**Parameters**

- **stickerset** (*InputStickerSet*) – N/A
- **title** (str) – N/A

**Returns**

*messages.StickerSet*

**stickers.SetStickerSetThumb**

**class** hydrogram.raw.functions.stickers.SetStickerSetThumb

Telegram API function.

**Details:**

- Layer: 176
- ID: A76A5392

**Parameters**

- **stickerset** (*InputStickerSet*) – N/A
- **thumb** (*InputDocument, optional*) – N/A
- **thumb\_document\_id** (int 64-bit, *optional*) – N/A

**Returns**

*messages.StickerSet*

**stickers.SuggestShortName**

**class** hydrogram.raw.functions.stickers.SuggestShortName

Telegram API function.

**Details:**

- Layer: 176
- ID: 4DAFC503

**Parameters**

**title** (str) – N/A

**Returns**

*stickers.SuggestedShortName*

## Stories

### stories.ActivateStealthMode

**class** hydrogram.raw.functions.stories.**ActivateStealthMode**

Telegram API function.

#### Details:

- Layer: 176
- ID: 57BBD166

#### Parameters

- **past** (*bool, optional*) – N/A
- **future** (*bool, optional*) – N/A

#### Returns

*Updates*

### stories.CanSendStory

**class** hydrogram.raw.functions.stories.**CanSendStory**

Telegram API function.

#### Details:

- Layer: 176
- ID: C7DFDFDD

#### Parameters

**peer** (*InputPeer*) – N/A

#### Returns

*bool*

### stories.DeleteStories

**class** hydrogram.raw.functions.stories.**DeleteStories**

Telegram API function.

#### Details:

- Layer: 176
- ID: AE59DB5F

#### Parameters

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

#### Returns

List of int 32-bit



### stories.EditStory

**class** hydrogram.raw.functions.stories.EditStory

Telegram API function.

**Details:**

- Layer: 176
- ID: B583BA46

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **media** (*InputMedia, optional*) – N/A
- **media\_areas** (List of *MediaArea, optional*) – N/A
- **caption** (str, *optional*) – N/A
- **entities** (List of *MessageEntity, optional*) – N/A
- **privacy\_rules** (List of *InputPrivacyRule, optional*) – N/A

**Returns**

*Updates*

### stories.ExportStoryLink

**class** hydrogram.raw.functions.stories.ExportStoryLink

Telegram API function.

**Details:**

- Layer: 176
- ID: 7B8DEF20

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A

**Returns**

*ExportedStoryLink*

### stories.GetAllReadPeerStories

**class** hydrogram.raw.functions.stories.GetAllReadPeerStories

Telegram API function.

**Details:**

- Layer: 176
- ID: 9B5AE7F9

**Parameters**

No parameters required.

**Returns**

*Updates*

**stories.GetAllStories**

**class** hydrogram.raw.functions.stories.GetAllStories

Telegram API function.

**Details:**

- Layer: 176
- ID: EEB0D625

**Parameters**

- **next** (bool, *optional*) – N/A
- **hidden** (bool, *optional*) – N/A
- **state** (str, *optional*) – N/A

**Returns**

*stories.AllStories*

**stories.GetChatsToSend**

**class** hydrogram.raw.functions.stories.GetChatsToSend

Telegram API function.

**Details:**

- Layer: 176
- ID: A56A8B60

**Parameters**

No parameters required.

**Returns**

*messages.Chats*

**stories.GetPeerMaxIDs**

**class** hydrogram.raw.functions.stories.GetPeerMaxIDs

Telegram API function.

**Details:**

- Layer: 176
- ID: 535983C3

**Parameters**

**id** (List of *InputPeer*) – N/A

**Returns**

List of int 32-bit

**stories.GetPeerStories****class** hydrogram.raw.functions.stories.GetPeerStories

Telegram API function.

**Details:**

- Layer: 176
- ID: 2C4ADA50

**Parameters****peer** (*InputPeer*) – N/A**Returns***stories.PeerStories***stories.GetPinnedStories****class** hydrogram.raw.functions.stories.GetPinnedStories

Telegram API function.

**Details:**

- Layer: 176
- ID: 5821A5DC

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A

**Returns***stories.Stories***stories.GetStoriesArchive****class** hydrogram.raw.functions.stories.GetStoriesArchive

Telegram API function.

**Details:**

- Layer: 176
- ID: B4352016

**Parameters**

- **peer** (*InputPeer*) – N/A
- **offset\_id** (int 32-bit) – N/A

- **limit** (int 32-bit) – N/A

**Returns**

*stories.Stories*

### **stories.GetStoriesByID**

**class** hydrogram.raw.functions.stories.GetStoriesByID

Telegram API function.

**Details:**

- Layer: 176
- ID: 5774CA74

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

*stories.Stories*

### **stories.GetStoriesViews**

**class** hydrogram.raw.functions.stories.GetStoriesViews

Telegram API function.

**Details:**

- Layer: 176
- ID: 28E16CC8

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

*stories.StoryViews*

### **stories.GetStoryReactionsList**

**class** hydrogram.raw.functions.stories.GetStoryReactionsList

Telegram API function.

**Details:**

- Layer: 176
- ID: B9B2881F

**Parameters**

- **peer** (*InputPeer*) – N/A

- **id** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **forwards\_first** (bool, *optional*) – N/A
- **reaction** (*Reaction*, *optional*) – N/A
- **offset** (str, *optional*) – N/A

**Returns***stories.StoryReactionsList***stories.GetStoryViewsList****class** hydrogram.raw.functions.stories.**GetStoryViewsList**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7ED23C57

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (int 32-bit) – N/A
- **offset** (str) – N/A
- **limit** (int 32-bit) – N/A
- **just\_contacts** (bool, *optional*) – N/A
- **reactions\_first** (bool, *optional*) – N/A
- **forwards\_first** (bool, *optional*) – N/A
- **q** (str, *optional*) – N/A

**Returns***stories.StoryViewsList***stories.IncrementStoryViews****class** hydrogram.raw.functions.stories.**IncrementStoryViews**

Telegram API function.

**Details:**

- Layer: 176
- ID: B2028AFB

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A

**Returns**

bool

**stories.ReadStories**

**class** hydrogram.raw.functions.stories.ReadStories

Telegram API function.

**Details:**

- Layer: 176
- ID: A556DAC8

**Parameters**

- **peer** (*InputPeer*) – N/A
- **max\_id** (int 32-bit) – N/A

**Returns**

List of int 32-bit

**stories.Report**

**class** hydrogram.raw.functions.stories.Report

Telegram API function.

**Details:**

- Layer: 176
- ID: 1923FA8C

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A
- **reason** (*ReportReason*) – N/A
- **message** (str) – N/A

**Returns**

bool

**stories.SendReaction**

**class** hydrogram.raw.functions.stories.SendReaction

Telegram API function.

**Details:**

- Layer: 176
- ID: 7FD736B2

**Parameters**

- **peer** (*InputPeer*) – N/A
- **story\_id** (int 32-bit) – N/A
- **reaction** (*Reaction*) – N/A
- **add\_to\_recent** (bool, *optional*) – N/A

**Returns***Updates***stories.SendStory****class** hydrogram.raw.functions.stories.**SendStory**

Telegram API function.

**Details:**

- Layer: 176
- ID: E4E6694B

**Parameters**

- **peer** (*InputPeer*) – N/A
- **media** (*InputMedia*) – N/A
- **privacy\_rules** (List of *InputPrivacyRule*) – N/A
- **random\_id** (int 64-bit) – N/A
- **pinned** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **fwd\_modified** (bool, *optional*) – N/A
- **media\_areas** (List of *MediaArea*, *optional*) – N/A
- **caption** (str, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **period** (int 32-bit, *optional*) – N/A
- **fwd\_from\_id** (*InputPeer*, *optional*) – N/A
- **fwd\_from\_story** (int 32-bit, *optional*) – N/A

**Returns***Updates*

### stories.ToggleAllStoriesHidden

**class** hydrogram.raw.functions.stories.ToggleAllStoriesHidden

Telegram API function.

**Details:**

- Layer: 176
- ID: 7C2557C4

**Parameters**

**hidden** (bool) – N/A

**Returns**

bool

### stories.TogglePeerStoriesHidden

**class** hydrogram.raw.functions.stories.TogglePeerStoriesHidden

Telegram API function.

**Details:**

- Layer: 176
- ID: BD0415C4

**Parameters**

- **peer** (*InputPeer*) – N/A
- **hidden** (bool) – N/A

**Returns**

bool

### stories.TogglePinned

**class** hydrogram.raw.functions.stories.TogglePinned

Telegram API function.

**Details:**

- Layer: 176
- ID: 9A75A1EF

**Parameters**

- **peer** (*InputPeer*) – N/A
- **id** (List of int 32-bit) – N/A
- **pinned** (bool) – N/A

**Returns**

List of int 32-bit



## Updates

### updates.GetChannelDifference

**class** hydrogram.raw.functions.updates.**GetChannelDifference**

Telegram API function.

#### Details:

- Layer: 176
- ID: 3173D78

#### Parameters

- **channel** (*InputChannel*) – N/A
- **filter** (*ChannelMessagesFilter*) – N/A
- **pts** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A
- **force** (bool, *optional*) – N/A

#### Returns

*updates.ChannelDifference*

### updates.GetDifference

**class** hydrogram.raw.functions.updates.**GetDifference**

Telegram API function.

#### Details:

- Layer: 176
- ID: 19C2F763

#### Parameters

- **pts** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **qts** (int 32-bit) – N/A
- **pts\_limit** (int 32-bit, *optional*) – N/A
- **pts\_total\_limit** (int 32-bit, *optional*) – N/A
- **qts\_limit** (int 32-bit, *optional*) – N/A

#### Returns

*updates.Difference*

## updates.GetState

**class** hydrogram.raw.functions.updates.GetState

Telegram API function.

### Details:

- Layer: 176
- ID: EDD4882A

### Parameters

No parameters required.

### Returns

*updates.State*

## Upload

## upload.GetCdnFile

**class** hydrogram.raw.functions.upload.GetCdnFile

Telegram API function.

### Details:

- Layer: 176
- ID: 395F69DA

### Parameters

- **file\_token** (bytes) – N/A
- **offset** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A

### Returns

*upload.CdnFile*

## upload.GetCdnFileHashes

**class** hydrogram.raw.functions.upload.GetCdnFileHashes

Telegram API function.

### Details:

- Layer: 176
- ID: 91DC3F31

### Parameters

- **file\_token** (bytes) – N/A
- **offset** (int 64-bit) – N/A

### Returns

List of *FileHash*

## upload.GetFile

**class** hydrogram.raw.functions.upload.**GetFile**

Telegram API function.

### Details:

- Layer: 176
- ID: BE5335BE

### Parameters

- **location** (*InputFileLocation*) – N/A
- **offset** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A
- **precise** (bool, *optional*) – N/A
- **cdn\_supported** (bool, *optional*) – N/A

### Returns

*upload.File*

## upload.GetFileHashes

**class** hydrogram.raw.functions.upload.**GetFileHashes**

Telegram API function.

### Details:

- Layer: 176
- ID: 9156982A

### Parameters

- **location** (*InputFileLocation*) – N/A
- **offset** (int 64-bit) – N/A

### Returns

List of *FileHash*

## upload.GetWebFile

**class** hydrogram.raw.functions.upload.**GetWebFile**

Telegram API function.

### Details:

- Layer: 176
- ID: 24E6818D

### Parameters

- **location** (*InputWebFileLocation*) – N/A

- **offset** (int 32-bit) – N/A
- **limit** (int 32-bit) – N/A

**Returns**

*upload.WebFile*

## **upload.ReuploadCdnFile**

**class** hydrogram.raw.functions.upload.ReuploadCdnFile

Telegram API function.

**Details:**

- Layer: 176
- ID: 9B2754A8

**Parameters**

- **file\_token** (bytes) – N/A
- **request\_token** (bytes) – N/A

**Returns**

List of *FileHash*

## **upload.SaveBigFilePart**

**class** hydrogram.raw.functions.upload.SaveBigFilePart

Telegram API function.

**Details:**

- Layer: 176
- ID: DE7B673D

**Parameters**

- **file\_id** (int 64-bit) – N/A
- **file\_part** (int 32-bit) – N/A
- **file\_total\_parts** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

**Returns**

bool

**upload.SaveFilePart**

**class** hydrogram.raw.functions.upload.**SaveFilePart**

Telegram API function.

**Details:**

- Layer: 176
- ID: B304A621

**Parameters**

- **file\_id** (int 64-bit) – N/A
- **file\_part** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

**Returns**

bool

**Users****users.GetFullUser**

**class** hydrogram.raw.functions.users.**GetFullUser**

Telegram API function.

**Details:**

- Layer: 176
- ID: B60F5918

**Parameters**

**id** (*InputUser*) – N/A

**Returns**

*users.UserFull*

**users.GetIsPremiumRequiredToContact**

**class** hydrogram.raw.functions.users.**GetIsPremiumRequiredToContact**

Telegram API function.

**Details:**

- Layer: 176
- ID: A622AA10

**Parameters**

**id** (List of *InputUser*) – N/A

**Returns**

List of bool

## users.GetUsers

**class** hydrogram.raw.functions.users.GetUsers

Telegram API function.

### Details:

- Layer: 176
- ID: D91A548

### Parameters

**id** (List of *InputUser*) – N/A

### Returns

List of *User*

## users.SetSecureValueErrors

**class** hydrogram.raw.functions.users.SetSecureValueErrors

Telegram API function.

### Details:

- Layer: 176
- ID: 90C894B5

### Parameters

- **id** (*InputUser*) – N/A
- **errors** (List of *SecureValueError*) – N/A

### Returns

bool

## DestroyAuthKey

**class** hydrogram.raw.functions.DestroyAuthKey

Telegram API function.

### Details:

- Layer: 176
- ID: D1435160

### Parameters

No parameters required.

### Returns

*DestroyAuthKeyRes*

## DestroySession

**class** hydrogram.raw.functions.DestroySession

Telegram API function.

**Details:**

- Layer: 176
- ID: E7512126

**Parameters**

**session\_id** (int 64-bit) – N/A

**Returns**

*DestroySessionRes*

## GetFutureSalts

**class** hydrogram.raw.functions.GetFutureSalts

Telegram API function.

**Details:**

- Layer: 176
- ID: B921BD04

**Parameters**

**num** (int 32-bit) – N/A

**Returns**

FutureSalts

## InitConnection

**class** hydrogram.raw.functions.InitConnection

Telegram API function.

**Details:**

- Layer: 176
- ID: C1CD5EA9

**Parameters**

- **api\_id** (int 32-bit) – N/A
- **device\_model** (str) – N/A
- **system\_version** (str) – N/A
- **app\_version** (str) – N/A
- **system\_lang\_code** (str) – N/A
- **lang\_pack** (str) – N/A
- **lang\_code** (str) – N/A

- **query** (Any function from *functions*) – N/A
- **proxy** (*InputClientProxy*, *optional*) – N/A
- **params** (*JSONValue*, *optional*) – N/A

### Returns

Any object from *types*

## InvokeAfterMsg

**class** hydrogram.raw.functions.**InvokeAfterMsg**

Telegram API function.

### Details:

- Layer: 176
- ID: CB9F372D

### Parameters

- **msg\_id** (int 64-bit) – N/A
- **query** (Any function from *functions*) – N/A

### Returns

Any object from *types*

## InvokeAfterMsgs

**class** hydrogram.raw.functions.**InvokeAfterMsgs**

Telegram API function.

### Details:

- Layer: 176
- ID: 3DC4B4F0

### Parameters

- **msg\_ids** (List of int 64-bit) – N/A
- **query** (Any function from *functions*) – N/A

### Returns

Any object from *types*

## InvokeWithLayer

**class** hydrogram.raw.functions.**InvokeWithLayer**

Telegram API function.

### Details:

- Layer: 176
- ID: DA9B0D0D



**Parameters**

- **layer** (int 32-bit) – N/A
- **query** (Any function from *functions*) – N/A

**Returns**

Any object from *types*

**InvokeWithMessagesRange**

**class** hydrogram.raw.functions.**InvokeWithMessagesRange**

Telegram API function.

**Details:**

- Layer: 176
- ID: 365275F2

**Parameters**

- **range** (*MessageRange*) – N/A
- **query** (Any function from *functions*) – N/A

**Returns**

Any object from *types*

**InvokeWithTakeout**

**class** hydrogram.raw.functions.**InvokeWithTakeout**

Telegram API function.

**Details:**

- Layer: 176
- ID: ACA9FD2E

**Parameters**

- **takeout\_id** (int 64-bit) – N/A
- **query** (Any function from *functions*) – N/A

**Returns**

Any object from *types*

**InvokeWithoutUpdates**

**class** hydrogram.raw.functions.**InvokeWithoutUpdates**

Telegram API function.

**Details:**

- Layer: 176
- ID: BF9459B7

**Parameters**

**query** (Any function from *functions*) – N/A

**Returns**

Any object from *types*

## Ping

**class** hydrogram.raw.functions.**Ping**

Telegram API function.

**Details:**

- Layer: 176
- ID: 7ABE77EC

**Parameters**

**ping\_id** (int 64-bit) – N/A

**Returns**

*Pong*

## PingDelayDisconnect

**class** hydrogram.raw.functions.**PingDelayDisconnect**

Telegram API function.

**Details:**

- Layer: 176
- ID: F3427B8C

**Parameters**

- **ping\_id** (int 64-bit) – N/A
- **disconnect\_delay** (int 32-bit) – N/A

**Returns**

*Pong*

## ReqDHParams

**class** hydrogram.raw.functions.**ReqDHParams**

Telegram API function.

**Details:**

- Layer: 176
- ID: D712E4BE

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A

- **p** (bytes) – N/A
- **q** (bytes) – N/A
- **public\_key\_fingerprint** (int 64-bit) – N/A
- **encrypted\_data** (bytes) – N/A

**Returns***ServerDHParams***ReqPq****class** hydrogram.raw.functions.**ReqPq**

Telegram API function.

**Details:**

- Layer: 176
- ID: 60469778

**Parameters****nonce** (int 128-bit) – N/A**Returns***ResPQ***ReqPqMulti****class** hydrogram.raw.functions.**ReqPqMulti**

Telegram API function.

**Details:**

- Layer: 176
- ID: BE7E8EF1

**Parameters****nonce** (int 128-bit) – N/A**Returns***ResPQ***RpcDropAnswer****class** hydrogram.raw.functions.**RpcDropAnswer**

Telegram API function.

**Details:**

- Layer: 176
- ID: 58E4A740

**Parameters****req\_msg\_id** (int 64-bit) – N/A

**Returns***RpcDropAnswer***SetClientDHParams****class** hydrogram.raw.functions.SetClientDHParams

Telegram API function.

**Details:**

- Layer: 176
- ID: F5045F1F

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **encrypted\_data** (bytes) – N/A

**Returns***SetClientDHParamsAnswer*

## 2.3.40 Raw Types

**Account****account.AuthorizationForm****class** hydrogram.raw.types.account.AuthorizationForm

Telegram API type.

Constructor of *AuthorizationForm*.**Details:**

- Layer: 176
- ID: AD2E1CD8

**Parameters**

- **required\_types** (List of *SecureRequiredType*) – N/A
- **values** (List of *SecureValue*) – N/A
- **errors** (List of *SecureValueError*) – N/A
- **users** (List of *User*) – N/A
- **privacy\_policy\_url** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetAuthorizationForm*

Telegram API function.

**account.Authorizations**

**class** hydrogram.raw.types.account.**Authorizations**

Telegram API type.

Constructor of *Authorizations*.

**Details:**

- Layer: 176
- ID: 4BFF8EA0

**Parameters**

- **authorization\_ttl\_days** (int 32-bit) – N/A
- **authorizations** (List of *Authorization*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetAuthorizations*

Telegram API function.

**account.AutoDownloadSettings**

**class** hydrogram.raw.types.account.**AutoDownloadSettings**

Telegram API type.

Constructor of *AutoDownloadSettings*.

**Details:**

- Layer: 176
- ID: 63CACF26

**Parameters**

- **low** (*AutoDownloadSettings*) – N/A
- **medium** (*AutoDownloadSettings*) – N/A
- **high** (*AutoDownloadSettings*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetAutoDownloadSettings*

Telegram API function.

## account.AutoSaveSettings

**class** hydrogram.raw.types.account.AutoSaveSettings

Telegram API type.

Constructor of [AutoSaveSettings](#).

### Details:

- Layer: 176
- ID: 4C3E069D

### Parameters

- **users\_settings** ([AutoSaveSettings](#)) – N/A
- **chats\_settings** ([AutoSaveSettings](#)) – N/A
- **broadcasts\_settings** ([AutoSaveSettings](#)) – N/A
- **exceptions** (List of [AutoSaveException](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <a href="#">account.GetAutoSaveSettings</a> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## account.ConnectedBots

**class** hydrogram.raw.types.account.ConnectedBots

Telegram API type.

Constructor of [ConnectedBots](#).

### Details:

- Layer: 176
- ID: 17D7F87B

### Parameters

- **connected\_bots** (List of [ConnectedBot](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#">account.GetConnectedBots</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**account.ContentSettings****class** hydrogram.raw.types.account.**ContentSettings**

Telegram API type.

Constructor of *ContentSettings*.**Details:**

- Layer: 176
- ID: 57E28221

**Parameters**

- **sensitive\_enabled** (bool, *optional*) – N/A
- **sensitive\_can\_change** (bool, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetContentSettings*

Telegram API function.

**account.EmailVerified****class** hydrogram.raw.types.account.**EmailVerified**

Telegram API type.

Constructor of *EmailVerified*.**Details:**

- Layer: 176
- ID: 2B96CD1B

**Parameters****email** (str) – N/A**Functions:**

This object can be returned by 1 function.

*account.VerifyEmail*

Telegram API function.

**account.EmailVerifiedLogin****class** hydrogram.raw.types.account.**EmailVerifiedLogin**

Telegram API type.

Constructor of *EmailVerified*.**Details:**

- Layer: 176
- ID: E1BB0D61

**Parameters**

- **email** (str) – N/A
- **sent\_code** (*auth.SentCode*) – N/A

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>account.VerifyEmail</i> | Telegram API function. |
|----------------------------|------------------------|

**account.EmojiStatuses****class** hydrogram.raw.types.account.**EmojiStatuses**

Telegram API type.

Constructor of *EmojiStatuses*.**Details:**

- Layer: 176
- ID: 90C467D1

**Parameters**

- **hash** (int 64-bit) – N/A
- **statuses** (List of *EmojiStatus*) – N/A

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <i>account.GetDefaultEmojiStatuses</i>        | Telegram API function. |
| <i>account.GetRecentEmojiStatuses</i>         | Telegram API function. |
| <i>account.GetChannelDefaultEmojiStatuses</i> | Telegram API function. |



**account.EmojiStatusesNotModified**

**class** hydrogram.raw.types.account.**EmojiStatusesNotModified**

Telegram API type.

Constructor of *EmojiStatuses*.

**Details:**

- Layer: 176
- ID: D08CE645

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <i>account.GetDefaultEmojiStatuses</i>        | Telegram API function. |
| <i>account.GetRecentEmojiStatuses</i>         | Telegram API function. |
| <i>account.GetChannelDefaultEmojiStatuses</i> | Telegram API function. |

**account.Password**

**class** hydrogram.raw.types.account.**Password**

Telegram API type.

Constructor of *Password*.

**Details:**

- Layer: 176
- ID: 957B50FB

**Parameters**

- **new\_algo** (*PasswordKdfAlgo*) – N/A
- **new\_secure\_algo** (*SecurePasswordKdfAlgo*) – N/A
- **secure\_random** (bytes) – N/A
- **has\_recovery** (bool, *optional*) – N/A
- **has\_secure\_values** (bool, *optional*) – N/A
- **has\_password** (bool, *optional*) – N/A
- **current\_algo** (*PasswordKdfAlgo*, *optional*) – N/A
- **srp\_B** (bytes, *optional*) – N/A
- **srp\_id** (int 64-bit, *optional*) – N/A
- **hint** (str, *optional*) – N/A
- **email\_unconfirmed\_pattern** (str, *optional*) – N/A
- **pending\_reset\_date** (int 32-bit, *optional*) – N/A

- **login\_email\_pattern** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <code>account.GetPassword</code> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**account.PasswordInputSettings**

**class** hydrogram.raw.types.account.PasswordInputSettings

Telegram API type.

Constructor of *PasswordInputSettings*.

**Details:**

- Layer: 176
- ID: C23727C9

**Parameters**

- **new\_algo** (*PasswordKdfAlgo*, *optional*) – N/A
- **new\_password\_hash** (bytes, *optional*) – N/A
- **hint** (str, *optional*) – N/A
- **email** (str, *optional*) – N/A
- **new\_secure\_settings** (*SecureSecretSettings*, *optional*) – N/A

**account.PasswordSettings**

**class** hydrogram.raw.types.account.PasswordSettings

Telegram API type.

Constructor of *PasswordSettings*.

**Details:**

- Layer: 176
- ID: 9A5C33E5

**Parameters**

- **email** (str, *optional*) – N/A
- **secure\_settings** (*SecureSecretSettings*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>account.GetPasswordSettings</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**account.PrivacyRules****class** hydrogram.raw.types.account.PrivacyRules

Telegram API type.

Constructor of *PrivacyRules*.**Details:**

- Layer: 176
- ID: 50A04E45

**Parameters**

- **rules** (List of *PrivacyRule*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                           |                        |
|---------------------------|------------------------|
| <i>account.GetPrivacy</i> | Telegram API function. |
| <i>account.SetPrivacy</i> | Telegram API function. |

**account.ResetPasswordFailedWait****class** hydrogram.raw.types.account.ResetPasswordFailedWait

Telegram API type.

Constructor of *ResetPasswordResult*.**Details:**

- Layer: 176
- ID: E3779861

**Parameters****retry\_date** (int 32-bit) – N/A**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>account.ResetPassword</i> | Telegram API function. |
|------------------------------|------------------------|

**account.ResetPasswordOk****class** hydrogram.raw.types.account.ResetPasswordOk

Telegram API type.

Constructor of *ResetPasswordResult*.**Details:**

- Layer: 176
- ID: E926D63E

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*account.ResetPassword*

Telegram API function.

**account.ResetPasswordRequestedWait****class** hydrogram.raw.types.account.ResetPasswordRequestedWait

Telegram API type.

Constructor of *ResetPasswordResult*.**Details:**

- Layer: 176
- ID: E9EFC7D

**Parameters****until\_date** (int 32-bit) – N/A**Functions:**

This object can be returned by 1 function.

*account.ResetPassword*

Telegram API function.

**account.SavedRingtone****class** hydrogram.raw.types.account.SavedRingtone

Telegram API type.

Constructor of *SavedRingtone*.**Details:**

- Layer: 176
- ID: B7263F6D

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*account.SaveRingtone*

Telegram API function.

**account.SavedRingtoneConverted****class** hydrogram.raw.types.account.SavedRingtoneConverted

Telegram API type.

Constructor of *SavedRingtone*.**Details:**

- Layer: 176
- ID: 1F307EB7

**Parameters****document** (*Document*) – N/A**Functions:**

This object can be returned by 1 function.

*account.SaveRingtone*

Telegram API function.

**account.SavedRingtones****class** hydrogram.raw.types.account.SavedRingtones

Telegram API type.

Constructor of *SavedRingtones*.**Details:**

- Layer: 176
- ID: C1E92CC5

**Parameters**

- **hash** (int 64-bit) – N/A
- **ringtones** (List of *Document*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetSavedRingtones*

Telegram API function.

**account.SavedRingtonesNotModified****class** hydrogram.raw.types.account.SavedRingtonesNotModified

Telegram API type.

Constructor of *SavedRingtones*.**Details:**

- Layer: 176
- ID: FBF6E8B1

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*account.GetSavedRingtones*

Telegram API function.

**account.SentEmailCode****class** hydrogram.raw.types.account.SentEmailCode

Telegram API type.

Constructor of *SentEmailCode*.**Details:**

- Layer: 176
- ID: 811F854F

**Parameters**

- **email\_pattern** (str) – N/A
- **length** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

*account.SendVerifyEmailCode*

Telegram API function.

**account.Takeout****class** hydrogram.raw.types.account.**Takeout**

Telegram API type.

Constructor of *Takeout*.**Details:**

- Layer: 176
- ID: 4DBA4501

**Parameters****id** (int 64-bit) – N/A**Functions:**

This object can be returned by 1 function.

*account.InitTakeoutSession*

Telegram API function.

**account.Themes****class** hydrogram.raw.types.account.**Themes**

Telegram API type.

Constructor of *Themes*.**Details:**

- Layer: 176
- ID: 9A3D8C6D

**Parameters**

- **hash** (int 64-bit) – N/A
- **themes** (List of *Theme*) – N/A

**Functions:**

This object can be returned by 2 functions.

*account.GetThemes*

Telegram API function.

*account.GetChatThemes*

Telegram API function.

**account.ThemesNotModified****class** hydrogram.raw.types.account.**ThemesNotModified**

Telegram API type.

Constructor of *Themes*.**Details:**

- Layer: 176
- ID: F41EB622

**Parameters****No parameters required.****Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>account.GetThemes</i>     | Telegram API function. |
| <i>account.GetChatThemes</i> | Telegram API function. |

**account.TmpPassword****class** hydrogram.raw.types.account.**TmpPassword**

Telegram API type.

Constructor of *TmpPassword*.**Details:**

- Layer: 176
- ID: DB64FD34

**Parameters**

- **tmp\_password** (bytes) – N/A
- **valid\_until** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>account.GetTmpPassword</i> | Telegram API function. |
|-------------------------------|------------------------|



**account.WallPapers****class** hydrogram.raw.types.account.WallPapers

Telegram API type.

Constructor of *WallPapers*.**Details:**

- Layer: 176
- ID: CDC3858C

**Parameters**

- **hash** (int 64-bit) – N/A
- **wallpapers** (List of *WallPaper*) – N/A

**Functions:**

This object can be returned by 1 function.

*account.GetWallPapers*

Telegram API function.

**account.WallPapersNotModified****class** hydrogram.raw.types.account.WallPapersNotModified

Telegram API type.

Constructor of *WallPapers*.**Details:**

- Layer: 176
- ID: 1C199183

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*account.GetWallPapers*

Telegram API function.

## account.WebAuthorizations

**class** hydrogram.raw.types.account.WebAuthorizations

Telegram API type.

Constructor of [WebAuthorizations](#).

### Details:

- Layer: 176
- ID: ED56C9FC

### Parameters

- **authorizations** (List of [WebAuthorization](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#">account.GetWebAuthorizations</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Auth

### auth.Authorization

**class** hydrogram.raw.types.auth.Authorization

Telegram API type.

Constructor of [Authorization](#).

### Details:

- Layer: 176
- ID: 2EA2C0D4

### Parameters

- **user** ([User](#)) – N/A
- **setup\_password\_required** (bool, *optional*) – N/A
- **otherwise\_relogin\_days** (int 32-bit, *optional*) – N/A
- **tmp\_sessions** (int 32-bit, *optional*) – N/A
- **future\_auth\_token** (bytes, *optional*) – N/A

### Functions:

This object can be returned by 7 functions.

|   |                        |
|---|------------------------|
| <code>auth.SignUp</code>                      | Telegram API function. |
| <code>auth.SignIn</code>                      | Telegram API function. |
| <code>auth.ImportAuthorization</code>         | Telegram API function. |
| <code>auth.ImportBotAuthorization</code>      | Telegram API function. |
| <code>auth.CheckPassword</code>               | Telegram API function. |
| <code>auth.RecoverPassword</code>             | Telegram API function. |
| <code>auth.ImportWebTokenAuthorization</code> | Telegram API function. |

## **auth.AuthorizationSignUpRequired**

**class** hydrogram.raw.types.auth.AuthorizationSignUpRequired

Telegram API type.

Constructor of [Authorization](#).

### **Details:**

- Layer: 176
- ID: 44747E9A

### **Parameters**

**terms\_of\_service** ([help](#). [TermsOfService](#), *optional*) – N/A

### **Functions:**

This object can be returned by 7 functions.

|   |                        |
|---|------------------------|
| <code>auth.SignUp</code>                      | Telegram API function. |
| <code>auth.SignIn</code>                      | Telegram API function. |
| <code>auth.ImportAuthorization</code>         | Telegram API function. |
| <code>auth.ImportBotAuthorization</code>      | Telegram API function. |
| <code>auth.CheckPassword</code>               | Telegram API function. |
| <code>auth.RecoverPassword</code>             | Telegram API function. |
| <code>auth.ImportWebTokenAuthorization</code> | Telegram API function. |

## **auth.CodeTypeCall**

**class** hydrogram.raw.types.auth.CodeTypeCall

Telegram API type.

Constructor of [CodeType](#).

### **Details:**

- Layer: 176
- ID: 741CD3E3

### **Parameters**

**No parameters required.**

### auth.CodeTypeFlashCall

**class** hydrogram.raw.types.auth.CodeTypeFlashCall

Telegram API type.

Constructor of [CodeType](#).

**Details:**

- Layer: 176
- ID: 226CCEFB

**Parameters**

No parameters required.

### auth.CodeTypeFragmentSms

**class** hydrogram.raw.types.auth.CodeTypeFragmentSms

Telegram API type.

Constructor of [CodeType](#).

**Details:**

- Layer: 176
- ID: 6ED998C

**Parameters**

No parameters required.

### auth.CodeTypeMissedCall

**class** hydrogram.raw.types.auth.CodeTypeMissedCall

Telegram API type.

Constructor of [CodeType](#).

**Details:**

- Layer: 176
- ID: D61AD6EE

**Parameters**

No parameters required.

### auth.CodeTypeSms

**class** hydrogram.raw.types.auth.CodeTypeSms

Telegram API type.

Constructor of [CodeType](#).

**Details:**

- Layer: 176
- ID: 72A3158C

**Parameters**

No parameters required.

### auth.ExportedAuthorization

**class** hydrogram.raw.types.auth.ExportedAuthorization

Telegram API type.

Constructor of [ExportedAuthorization](#).

**Details:**

- Layer: 176
- ID: B434E2B8

**Parameters**

- **id** (int 64-bit) – N/A
- **bytes** (bytes) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <a href="#">auth.ExportAuthorization</a> | Telegram API function. |
|--|------------------------|

### auth.LoggedOut

**class** hydrogram.raw.types.auth.LoggedOut

Telegram API type.

Constructor of [LoggedOut](#).

**Details:**

- Layer: 176
- ID: C3A2835F

**Parameters**

**future\_auth\_token** (bytes, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                    |                        |
|--------------------|------------------------|
| <i>auth.LogOut</i> | Telegram API function. |
|--------------------|------------------------|

**auth.LoginToken**

**class** hydrogram.raw.types.auth.LoginToken

Telegram API type.

Constructor of *LoginToken*.

**Details:**

- Layer: 176
- ID: 629F1980

**Parameters**

- **expires** (int 32-bit) – N/A
- **token** (bytes) – N/A

**Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>auth.ExportLoginToken</i> | Telegram API function. |
| <i>auth.ImportLoginToken</i> | Telegram API function. |

**auth.LoginTokenMigrateTo**

**class** hydrogram.raw.types.auth.LoginTokenMigrateTo

Telegram API type.

Constructor of *LoginToken*.

**Details:**

- Layer: 176
- ID: 68E9916

**Parameters**

- **dc\_id** (int 32-bit) – N/A
- **token** (bytes) – N/A

**Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>auth.ExportLoginToken</i> | Telegram API function. |
| <i>auth.ImportLoginToken</i> | Telegram API function. |

## auth.LoginTokenSuccess

**class** hydrogram.raw.types.auth.LoginTokenSuccess

Telegram API type.

Constructor of *LoginToken*.

### Details:

- Layer: 176
- ID: 390D5C5E

### Parameters

**authorization** (*auth.Authorization*) – N/A

### Functions:

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>auth.ExportLoginToken</i> | Telegram API function. |
| <i>auth.ImportLoginToken</i> | Telegram API function. |

## auth.PasswordRecovery

**class** hydrogram.raw.types.auth.PasswordRecovery

Telegram API type.

Constructor of *PasswordRecovery*.

### Details:

- Layer: 176
- ID: 137948A5

### Parameters

**email\_pattern** (str) – N/A

### Functions:

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>auth.RequestPasswordRecovery</i> | Telegram API function. |
|-------------------------------------|------------------------|

## auth.SentCode

**class** hydrogram.raw.types.auth.SentCode

Telegram API type.

Constructor of *SentCode*.

### Details:

- Layer: 176
- ID: 5E002502

**Parameters**

- **type** (*auth.SentCodeType*) – N/A
- **phone\_code\_hash** (str) – N/A
- **next\_type** (*auth.CodeType*, *optional*) – N/A
- **timeout** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 6 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>auth.SendCode</i>                | Telegram API function. |
| <i>auth.ResendCode</i>              | Telegram API function. |
| <i>auth.ResetLoginEmail</i>         | Telegram API function. |
| <i>account.SendChangePhoneCode</i>  | Telegram API function. |
| <i>account.SendConfirmPhoneCode</i> | Telegram API function. |
| <i>account.SendVerifyPhoneCode</i>  | Telegram API function. |

**auth.SentCodeSuccess**

**class** hydrogram.raw.types.auth.SentCodeSuccess

Telegram API type.

Constructor of *SentCode*.

**Details:**

- Layer: 176
- ID: 2390FE44

**Parameters**

**authorization** (*auth.Authorization*) – N/A

**Functions:**

This object can be returned by 6 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>auth.SendCode</i>                | Telegram API function. |
| <i>auth.ResendCode</i>              | Telegram API function. |
| <i>auth.ResetLoginEmail</i>         | Telegram API function. |
| <i>account.SendChangePhoneCode</i>  | Telegram API function. |
| <i>account.SendConfirmPhoneCode</i> | Telegram API function. |
| <i>account.SendVerifyPhoneCode</i>  | Telegram API function. |



### auth.SentCodeTypeApp

**class** hydrogram.raw.types.auth.SentCodeTypeApp

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: 3DBB5986

**Parameters**

**length** (int 32-bit) – N/A

### auth.SentCodeTypeCall

**class** hydrogram.raw.types.auth.SentCodeTypeCall

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: 5353E5A7

**Parameters**

**length** (int 32-bit) – N/A

### auth.SentCodeTypeEmailCode

**class** hydrogram.raw.types.auth.SentCodeTypeEmailCode

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: F450F59B

**Parameters**

- **email\_pattern** (str) – N/A
- **length** (int 32-bit) – N/A
- **apple\_signin\_allowed** (bool, *optional*) – N/A
- **google\_signin\_allowed** (bool, *optional*) – N/A
- **reset\_available\_period** (int 32-bit, *optional*) – N/A
- **reset\_pending\_date** (int 32-bit, *optional*) – N/A

### auth.SentCodeTypeFirebaseSms

**class** hydrogram.raw.types.auth.SentCodeTypeFirebaseSms

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: E57B1432

**Parameters**

- **length** (int 32-bit) – N/A
- **nonce** (bytes, *optional*) – N/A
- **receipt** (str, *optional*) – N/A
- **push\_timeout** (int 32-bit, *optional*) – N/A

### auth.SentCodeTypeFlashCall

**class** hydrogram.raw.types.auth.SentCodeTypeFlashCall

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: AB03C6D9

**Parameters**

**pattern** (str) – N/A

### auth.SentCodeTypeFragmentSms

**class** hydrogram.raw.types.auth.SentCodeTypeFragmentSms

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: D9565C39

**Parameters**

- **url** (str) – N/A
- **length** (int 32-bit) – N/A

### auth.SentCodeTypeMissedCall

**class** hydrogram.raw.types.auth.SentCodeTypeMissedCall

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: 82006484

**Parameters**

- **prefix** (str) – N/A
- **length** (int 32-bit) – N/A

### auth.SentCodeTypeSetUpEmailRequired

**class** hydrogram.raw.types.auth.SentCodeTypeSetUpEmailRequired

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: A5491DEA

**Parameters**

- **apple\_signin\_allowed** (bool, *optional*) – N/A
- **google\_signin\_allowed** (bool, *optional*) – N/A

### auth.SentCodeTypeSms

**class** hydrogram.raw.types.auth.SentCodeTypeSms

Telegram API type.

Constructor of [SentCodeType](#).

**Details:**

- Layer: 176
- ID: C000BBA2

**Parameters**

- **length** (int 32-bit) – N/A

## Bots

### **bots.BotInfo**

**class** hydrogram.raw.types.bots.**BotInfo**

Telegram API type.

Constructor of *BotInfo*.

#### **Details:**

- Layer: 176
- ID: E8A775B0

#### **Parameters**

- **name** (str) – N/A
- **about** (str) – N/A
- **description** (str) – N/A

#### **Functions:**

This object can be returned by 1 function.

|                        |
|------------------------|
| <i>bots.GetBotInfo</i> |
|------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Channels

### **channels.AdminLogResults**

**class** hydrogram.raw.types.channels.**AdminLogResults**

Telegram API type.

Constructor of *AdminLogResults*.

#### **Details:**

- Layer: 176
- ID: ED8AF74D

#### **Parameters**

- **events** (List of *ChannelAdminLogEvent*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

#### **Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>channels.GetAdminLog</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## channels.ChannelParticipant

**class** hydrogram.raw.types.channels.ChannelParticipant

Telegram API type.

Constructor of *ChannelParticipant*.

### Details:

- Layer: 176
- ID: DFB80317

### Parameters

- **participant** (*ChannelParticipant*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

*channels.GetParticipant*

Telegram API function.

## channels.ChannelParticipants

**class** hydrogram.raw.types.channels.ChannelParticipants

Telegram API type.

Constructor of *ChannelParticipants*.

### Details:

- Layer: 176
- ID: 9AB0FEAF

### Parameters

- **count** (int 32-bit) – N/A
- **participants** (List of *ChannelParticipant*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

*channels.GetParticipants*

Telegram API function.

## channels.ChannelParticipantsNotModified

**class** hydrogram.raw.types.channels.ChannelParticipantsNotModified

Telegram API type.

Constructor of [ChannelParticipants](#).

### Details:

- Layer: 176
- ID: F0173FE9

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#">channels.GetParticipants</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## channels.SendAsPeers

**class** hydrogram.raw.types.channels.SendAsPeers

Telegram API type.

Constructor of [SendAsPeers](#).

### Details:

- Layer: 176
- ID: F496B0C6

### Parameters

- **peers** (List of [SendAsPeer](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <a href="#">channels.GetSendAs</a> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Chatlists

### chatlists.ChatlistInvite

**class** hydrogram.raw.types.chatlists.ChatlistInvite

Telegram API type.

Constructor of *ChatlistInvite*.

#### Details:

- Layer: 176
- ID: 1DCD839D

#### Parameters

- **title** (str) – N/A
- **peers** (List of *Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **emoticon** (str, *optional*) – N/A

#### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <i>chatlists.CheckChatlistInvite</i> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### chatlists.ChatlistInviteAlready

**class** hydrogram.raw.types.chatlists.ChatlistInviteAlready

Telegram API type.

Constructor of *ChatlistInvite*.

#### Details:

- Layer: 176
- ID: FA87F659

#### Parameters

- **filter\_id** (int 32-bit) – N/A
- **missing\_peers** (List of *Peer*) – N/A
- **already\_peers** (List of *Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>chatlists.CheckChatlistInvite</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**chatlists.ChatlistUpdates**

**class** hydrogram.raw.types.chatlists.ChatlistUpdates

Telegram API type.

Constructor of `ChatlistUpdates`.

**Details:**

- Layer: 176
- ID: 93BD878D

**Parameters**

- **missing\_peers** (List of `Peer`) – N/A
- **chats** (List of `Chat`) – N/A
- **users** (List of `User`) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>chatlists.GetChatlistUpdates</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**chatlists.ExportedChatlistInvite**

**class** hydrogram.raw.types.chatlists.ExportedChatlistInvite

Telegram API type.

Constructor of `ExportedChatlistInvite`.

**Details:**

- Layer: 176
- ID: 10E6E3A6

**Parameters**

- **filter** (`DialogFilter`) – N/A
- **invite** (`ExportedChatlistInvite`) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>chatlists.ExportChatlistInvite</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|



**chatlists.ExportedInvites****class** hydrogram.raw.types.chatlists.**ExportedInvites**

Telegram API type.

Constructor of *ExportedInvites*.**Details:**

- Layer: 176
- ID: 10AB6DC7

**Parameters**

- **invites** (List of *ExportedChatlistInvite*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*chatlists.GetExportedInvites*

Telegram API function.

**Contacts****contacts.Blocked****class** hydrogram.raw.types.contacts.**Blocked**

Telegram API type.

Constructor of *Blocked*.**Details:**

- Layer: 176
- ID: ADE1591

**Parameters**

- **blocked** (List of *PeerBlocked*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*contacts.GetBlocked*

Telegram API function.

## contacts.BlockedSlice

**class** hydrogram.raw.types.contacts.BlockedSlice

Telegram API type.

Constructor of *Blocked*.

### Details:

- Layer: 176
- ID: E1664194

### Parameters

- **count** (int 32-bit) – N/A
- **blocked** (List of *PeerBlocked*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                            |
|----------------------------|
| <i>contacts.GetBlocked</i> |
|----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## contacts.Contacts

**class** hydrogram.raw.types.contacts.Contacts

Telegram API type.

Constructor of *Contacts*.

### Details:

- Layer: 176
- ID: EAE87E42

### Parameters

- **contacts** (List of *Contact*) – N/A
- **saved\_count** (int 32-bit) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>contacts.GetContacts</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**contacts.ContactsNotModified****class** hydrogram.raw.types.contacts.ContactsNotModified

Telegram API type.

Constructor of *Contacts*.**Details:**

- Layer: 176
- ID: B74BA9D2

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*contacts.GetContacts*

Telegram API function.

**contacts.Found****class** hydrogram.raw.types.contacts.Found

Telegram API type.

Constructor of *Found*.**Details:**

- Layer: 176
- ID: B3134D9D

**Parameters**

- **my\_results** (List of *Peer*) – N/A
- **results** (List of *Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*contacts.Search*

Telegram API function.

**contacts.ImportedContacts****class** hydrogram.raw.types.contacts.**ImportedContacts**

Telegram API type.

Constructor of *ImportedContacts*.**Details:**

- Layer: 176
- ID: 77D01C3B

**Parameters**

- **imported** (List of *ImportedContact*) – N/A
- **popular\_invites** (List of *PopularContact*) – N/A
- **retry\_contacts** (List of int 64-bit) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>contacts.ImportContacts</i> | Telegram API function. |
|--------------------------------|------------------------|

**contacts.ResolvedPeer****class** hydrogram.raw.types.contacts.**ResolvedPeer**

Telegram API type.

Constructor of *ResolvedPeer*.**Details:**

- Layer: 176
- ID: 7F077AD9

**Parameters**

- **peer** (*Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                                 |                        |
|---------------------------------|------------------------|
| <i>contacts.ResolveUsername</i> | Telegram API function. |
| <i>contacts.ResolvePhone</i>    | Telegram API function. |

**contacts.TopPeers****class** hydrogram.raw.types.contacts.TopPeers

Telegram API type.

Constructor of *TopPeers*.**Details:**

- Layer: 176
- ID: 70B772A8

**Parameters**

- **categories** (List of *TopPeerCategoryPeers*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*contacts.GetTopPeers*

Telegram API function.

**contacts.TopPeersDisabled****class** hydrogram.raw.types.contacts.TopPeersDisabled

Telegram API type.

Constructor of *TopPeers*.**Details:**

- Layer: 176
- ID: B52C939D

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*contacts.GetTopPeers*

Telegram API function.

## contacts.TopPeersNotModified

**class** hydrogram.raw.types.contacts.TopPeersNotModified

Telegram API type.

Constructor of [TopPeers](#).

### Details:

- Layer: 176
- ID: DE266EF5

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#">contacts.GetTopPeers</a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Help

## help.AppConfig

**class** hydrogram.raw.types.help.AppConfig

Telegram API type.

Constructor of [AppConfig](#).

### Details:

- Layer: 176
- ID: DD18782E

### Parameters

- **hash** (int 32-bit) – N/A
- **config** ([JSONValue](#)) – N/A

### Functions:

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <a href="#">help.GetAppConfig</a> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.AppConfigNotModified

**class** hydrogram.raw.types.help.AppConfigNotModified

Telegram API type.

Constructor of [AppConfig](#).

### Details:

- Layer: 176
- ID: 7CDE641D

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

[help.GetAppConfig](#)

Telegram API function.

## help.AppUpdate

**class** hydrogram.raw.types.help.AppUpdate

Telegram API type.

Constructor of [AppUpdate](#).

### Details:

- Layer: 176
- ID: CCBCE30

### Parameters

- **id** (int 32-bit) – N/A
- **version** (str) – N/A
- **text** (str) – N/A
- **entities** (List of [MessageEntity](#)) – N/A
- **can\_not\_skip** (bool, optional) – N/A
- **document** ([Document](#), optional) – N/A
- **url** (str, optional) – N/A
- **sticker** ([Document](#), optional) – N/A

### Functions:

This object can be returned by 1 function.

[help.GetAppUpdate](#)

Telegram API function.

## help.ConfigSimple

**class** hydrogram.raw.types.help.ConfigSimple

Telegram API type.

Constructor of [ConfigSimple](#).

### Details:

- Layer: 176
- ID: 5A592A6C

### Parameters

- **date** (int 32-bit) – N/A
- **expires** (int 32-bit) – N/A
- **rules** (List of [AccessPointRule](#)) – N/A

## help.CountriesList

**class** hydrogram.raw.types.help.CountriesList

Telegram API type.

Constructor of [CountriesList](#).

### Details:

- Layer: 176
- ID: 87D0759E

### Parameters

- **countries** (List of [help.Country](#)) – N/A
- **hash** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <a href="#">help.GetCountriesList</a> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.CountriesListNotModified

**class** hydrogram.raw.types.help.CountriesListNotModified

Telegram API type.

Constructor of [CountriesList](#).

### Details:

- Layer: 176
- ID: 93CC1F32



**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

[\*help.GetCountriesList\*](#)

Telegram API function.

**help.Country****class** hydrogram.raw.types.help.Country

Telegram API type.

Constructor of [\*Country\*](#).**Details:**

- Layer: 176
- ID: C3878E23

**Parameters**

- **iso2** (str) – N/A
- **default\_name** (str) – N/A
- **country\_codes** (List of [\*help.CountryCode\*](#)) – N/A
- **hidden** (bool, *optional*) – N/A
- **name** (str, *optional*) – N/A

**help.CountryCode****class** hydrogram.raw.types.help.CountryCode

Telegram API type.

Constructor of [\*CountryCode\*](#).**Details:**

- Layer: 176
- ID: 4203C5EF

**Parameters**

- **country\_code** (str) – N/A
- **prefixes** (List of str, *optional*) – N/A
- **patterns** (List of str, *optional*) – N/A

## help.DeepLinkInfo

**class** hydrogram.raw.types.help.DeepLinkInfo

Telegram API type.

Constructor of [DeepLinkInfo](#).

### Details:

- Layer: 176
- ID: 6A4EE832

### Parameters

- **message** (str) – N/A
- **update\_app** (bool, *optional*) – N/A
- **entities** (List of [MessageEntity](#), *optional*) – N/A

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#">help.GetDeepLinkInfo</a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.DeepLinkInfoEmpty

**class** hydrogram.raw.types.help.DeepLinkInfoEmpty

Telegram API type.

Constructor of [DeepLinkInfo](#).

### Details:

- Layer: 176
- ID: 66AFA166

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#">help.GetDeepLinkInfo</a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.InviteText

**class** hydrogram.raw.types.help.InviteText

Telegram API type.

Constructor of *InviteText*.

**Details:**

- Layer: 176
- ID: 18CB9F78

**Parameters**

message (str) – N/A

**Functions:**

This object can be returned by 1 function.

*help.GetInviteText*

Telegram API function.

## help.NoAppUpdate

**class** hydrogram.raw.types.help.NoAppUpdate

Telegram API type.

Constructor of *AppUpdate*.

**Details:**

- Layer: 176
- ID: C45A6536

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

*help.GetAppUpdate*

Telegram API function.

## help.PassportConfig

**class** hydrogram.raw.types.help.PassportConfig

Telegram API type.

Constructor of *PassportConfig*.

**Details:**

- Layer: 176
- ID: A098D6AF

**Parameters**

- **hash** (int 32-bit) – N/A
- **countries\_langs** (*DataJSON*) – N/A

**Functions:**

This object can be returned by 1 function.

|                               |
|-------------------------------|
| <i>help.GetPassportConfig</i> |
|-------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.PassportConfigNotModified**

**class** hydrogram.raw.types.help.PassportConfigNotModified

Telegram API type.

Constructor of *PassportConfig*.

**Details:**

- Layer: 176
- ID: BFB9F457

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|                               |
|-------------------------------|
| <i>help.GetPassportConfig</i> |
|-------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.PeerColorOption**

**class** hydrogram.raw.types.help.PeerColorOption

Telegram API type.

Constructor of *PeerColorOption*.

**Details:**

- Layer: 176
- ID: ADEC6EBE

**Parameters**

- **color\_id** (int 32-bit) – N/A
- **hidden** (bool, *optional*) – N/A
- **colors** (*help.PeerColorSet*, *optional*) – N/A
- **dark\_colors** (*help.PeerColorSet*, *optional*) – N/A
- **channel\_min\_level** (int 32-bit, *optional*) – N/A

- **group\_min\_level** (int 32-bit, *optional*) – N/A

### help.PeerColorProfileSet

**class** hydrogram.raw.types.help.PeerColorProfileSet

Telegram API type.

Constructor of [PeerColorSet](#).

#### Details:

- Layer: 176
- ID: 767D61EB

#### Parameters

- **palette\_colors** (List of int 32-bit) – N/A
- **bg\_colors** (List of int 32-bit) – N/A
- **story\_colors** (List of int 32-bit) – N/A

### help.PeerColorSet

**class** hydrogram.raw.types.help.PeerColorSet

Telegram API type.

Constructor of [PeerColorSet](#).

#### Details:

- Layer: 176
- ID: 26219A58

#### Parameters

**colors** (List of int 32-bit) – N/A

### help.PeerColors

**class** hydrogram.raw.types.help.PeerColors

Telegram API type.

Constructor of [PeerColors](#).

#### Details:

- Layer: 176
- ID: F8ED08

#### Parameters

- **hash** (int 32-bit) – N/A
- **colors** (List of [help.PeerColorOption](#)) – N/A

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#"><i>help.GetPeerColors</i></a>        | Telegram API function. |
| <a href="#"><i>help.GetPeerProfileColors</i></a> | Telegram API function. |

**help.PeerColorsNotModified**

**class** hydrogram.raw.types.help.PeerColorsNotModified

Telegram API type.

Constructor of [\*PeerColors\*](#).

**Details:**

- Layer: 176
- ID: 2BA1F5CE

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#"><i>help.GetPeerColors</i></a>        | Telegram API function. |
| <a href="#"><i>help.GetPeerProfileColors</i></a> | Telegram API function. |

**help.PremiumPromo**

**class** hydrogram.raw.types.help.PremiumPromo

Telegram API type.

Constructor of [\*PremiumPromo\*](#).

**Details:**

- Layer: 176
- ID: 5334759C

**Parameters**

- **status\_text** (str) – N/A
- **status\_entities** (List of [\*MessageEntity\*](#)) – N/A
- **video\_sections** (List of str) – N/A
- **videos** (List of [\*Document\*](#)) – N/A
- **period\_options** (List of [\*PremiumSubscriptionOption\*](#)) – N/A
- **users** (List of [\*User\*](#)) – N/A

**Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>help.GetPremiumPromo</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.PromoData**

**class** hydrogram.raw.types.help.PromoData

Telegram API type.

Constructor of *PromoData*.

**Details:**

- Layer: 176
- ID: 8C39793F

**Parameters**

- **expires** (int 32-bit) – N/A
- **peer** (*Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **proxy** (bool, *optional*) – N/A
- **psa\_type** (str, *optional*) – N/A
- **psa\_message** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>help.GetPromoData</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.PromoDataEmpty**

**class** hydrogram.raw.types.help.PromoDataEmpty

Telegram API type.

Constructor of *PromoData*.

**Details:**

- Layer: 176
- ID: 98F6AC75

**Parameters**

- expires** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <code>help.GetPromoData</code> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.RecentMeUrls

**class** `hydrogram.raw.types.help.RecentMeUrls`

Telegram API type.

Constructor of [RecentMeUrls](#).

### Details:

- Layer: 176
- ID: E0310D7

### Parameters

- **urls** (List of [RecentMeUrl](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <code>help.GetRecentMeUrls</code> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.Support

**class** `hydrogram.raw.types.help.Support`

Telegram API type.

Constructor of [Support](#).

### Details:

- Layer: 176
- ID: 17C6B5F6

### Parameters

- **phone\_number** (str) – N/A
- **user** ([User](#)) – N/A

### Functions:

This object can be returned by 1 function.

|                              |
|------------------------------|
| <code>help.GetSupport</code> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|



## help.SupportName

**class** hydrogram.raw.types.help.SupportName

Telegram API type.

Constructor of *SupportName*.

**Details:**

- Layer: 176
- ID: 8C05F1C9

**Parameters**

**name** (str) – N/A

**Functions:**

This object can be returned by 1 function.

*help.GetSupportName*

Telegram API function.

## help.TermsOfService

**class** hydrogram.raw.types.help.TermsOfService

Telegram API type.

Constructor of *TermsOfService*.

**Details:**

- Layer: 176
- ID: 780A0310

**Parameters**

- **id** (*DataJSON*) – N/A
- **text** (str) – N/A
- **entities** (List of *MessageEntity*) – N/A
- **popup** (bool, *optional*) – N/A
- **min\_age\_confirm** (int 32-bit, *optional*) – N/A

## help.TermsOfServiceUpdate

**class** hydrogram.raw.types.help.TermsOfServiceUpdate

Telegram API type.

Constructor of *TermsOfServiceUpdate*.

**Details:**

- Layer: 176
- ID: 28ECF961

**Parameters**

- **expires** (int 32-bit) – N/A
- **terms\_of\_service** ([help.TermsOfService](#)) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <a href="#">help.GetTermsOfServiceUpdate</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.TermsOfServiceUpdateEmpty**

**class** hydrogram.raw.types.help.TermsOfServiceUpdateEmpty

Telegram API type.

Constructor of [TermsOfServiceUpdate](#).

**Details:**

- Layer: 176
- ID: E3309F7F

**Parameters**

**expires** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <a href="#">help.GetTermsOfServiceUpdate</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.TimezonesList**

**class** hydrogram.raw.types.help.TimezonesList

Telegram API type.

Constructor of [TimezonesList](#).

**Details:**

- Layer: 176
- ID: 7B74ED71

**Parameters**

- **timezones** (List of [Timezone](#)) – N/A
- **hash** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <a href="#">help.GetTimezonesList</a> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.TimezonesListNotModified****class** hydrogram.raw.types.help.TimezonesListNotModified

Telegram API type.

Constructor of *TimezonesList*.**Details:**

- Layer: 176
- ID: 970708CC

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*help.GetTimezonesList*

Telegram API function.

**help.UserInfo****class** hydrogram.raw.types.help.UserInfo

Telegram API type.

Constructor of *UserInfo*.**Details:**

- Layer: 176
- ID: 1EB3758

**Parameters**

- **message** (str) – N/A
- **entities** (List of *MessageEntity*) – N/A
- **author** (str) – N/A
- **date** (int 32-bit) – N/A

**Functions:**

This object can be returned by 2 functions.

*help.GetUserInfo*

Telegram API function.

*help.EditUserInfo*

Telegram API function.

## help.UserInfoEmpty

**class** hydrogram.raw.types.help.UserInfoEmpty

Telegram API type.

Constructor of *UserInfo*.

### Details:

- Layer: 176
- ID: F3AE2EED

### Parameters

No parameters required.

### Functions:

This object can be returned by 2 functions.

|                          |                        |
|--------------------------|------------------------|
| <i>help.GetUserInfo</i>  | Telegram API function. |
| <i>help.EditUserInfo</i> | Telegram API function. |

## Messages

### messages.AffectedFoundMessages

**class** hydrogram.raw.types.messages.AffectedFoundMessages

Telegram API type.

Constructor of *AffectedFoundMessages*.

### Details:

- Layer: 176
- ID: EF8D3E6C

### Parameters

- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **offset** (int 32-bit) – N/A
- **messages** (List of int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.DeletePhoneCallHistory</i> | Telegram API function. |
|--|------------------------|

**messages.AffectedHistory****class** hydrogram.raw.types.messages.**AffectedHistory**

Telegram API type.

Constructor of *AffectedHistory*.**Details:**

- Layer: 176
- ID: B45C69D1

**Parameters**

- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **offset** (int 32-bit) – N/A

**Functions:**

This object can be returned by 7 functions.

|  |                        |
|--|------------------------|
| <i>messages.DeleteHistory</i>            | Telegram API function. |
| <i>messages.ReadMentions</i>             | Telegram API function. |
| <i>messages.UnpinAllMessages</i>         | Telegram API function. |
| <i>messages.ReadReactions</i>            | Telegram API function. |
| <i>messages.DeleteSavedHistory</i>       | Telegram API function. |
| <i>channels.DeleteParticipantHistory</i> | Telegram API function. |
| <i>channels.DeleteTopicHistory</i>       | Telegram API function. |

**messages.AffectedMessages****class** hydrogram.raw.types.messages.**AffectedMessages**

Telegram API type.

Constructor of *AffectedMessages*.**Details:**

- Layer: 176
- ID: 84D19185

**Parameters**

- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

**Functions:**

This object can be returned by 4 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.ReadHistory</i>         | Telegram API function. |
| <i>messages.DeleteMessages</i>      | Telegram API function. |
| <i>messages.ReadMessageContents</i> | Telegram API function. |
| <i>channels.DeleteMessages</i>      | Telegram API function. |

## **messages.AllStickers**

**class** hydrogram.raw.types.messages.**AllStickers**

Telegram API type.

Constructor of *AllStickers*.

### **Details:**

- Layer: 176
- ID: CDBBCEBB

### **Parameters**

- **hash** (int 64-bit) – N/A
- **sets** (List of *StickerSet*) – N/A

### **Functions:**

This object can be returned by 3 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetAllStickers</i>   | Telegram API function. |
| <i>messages.GetMaskStickers</i>  | Telegram API function. |
| <i>messages.GetEmojiStickers</i> | Telegram API function. |

## **messages.AllStickersNotModified**

**class** hydrogram.raw.types.messages.**AllStickersNotModified**

Telegram API type.

Constructor of *AllStickers*.

### **Details:**

- Layer: 176
- ID: E86602C3

### **Parameters**

**No parameters required.**

### **Functions:**

This object can be returned by 3 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetAllStickers</i>   | Telegram API function. |
| <i>messages.GetMaskStickers</i>  | Telegram API function. |
| <i>messages.GetEmojiStickers</i> | Telegram API function. |

**messages.ArchivedStickers****class** hydrogram.raw.types.messages.**ArchivedStickers**

Telegram API type.

Constructor of *ArchivedStickers*.**Details:**

- Layer: 176
- ID: 4FCBA9C8

**Parameters**

- **count** (int 32-bit) – N/A
- **sets** (List of *StickerSetCovered*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetArchivedStickers*

Telegram API function.

**messages.AvailableReactions****class** hydrogram.raw.types.messages.**AvailableReactions**

Telegram API type.

Constructor of *AvailableReactions*.**Details:**

- Layer: 176
- ID: 768E3AAD

**Parameters**

- **hash** (int 32-bit) – N/A
- **reactions** (List of *AvailableReaction*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetAvailableReactions*

Telegram API function.

## messages.AvailableReactionsNotModified

**class** hydrogram.raw.types.messages.AvailableReactionsNotModified

Telegram API type.

Constructor of [AvailableReactions](#).

### Details:

- Layer: 176
- ID: 9F071957

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#">messages.GetAvailableReactions</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.BotApp

**class** hydrogram.raw.types.messages.BotApp

Telegram API type.

Constructor of [BotApp](#).

### Details:

- Layer: 176
- ID: EB50ADF5

### Parameters

- **app** ([BotApp](#)) – N/A
- **inactive** (bool, *optional*) – N/A
- **request\_write\_access** (bool, *optional*) – N/A
- **has\_settings** (bool, *optional*) – N/A

### Functions:

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <a href="#">messages.GetBotApp</a> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|



**messages.BotCallbackAnswer**

**class** hydrogram.raw.types.messages.**BotCallbackAnswer**

Telegram API type.

Constructor of [BotCallbackAnswer](#).

**Details:**

- Layer: 176
- ID: 36585EA4

**Parameters**

- **cache\_time** (int 32-bit) – N/A
- **alert** (bool, *optional*) – N/A
- **has\_url** (bool, *optional*) – N/A
- **native\_ui** (bool, *optional*) – N/A
- **message** (str, *optional*) – N/A
- **url** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

[messages.GetBotCallbackAnswer](#)

Telegram API function.

**messages.BotResults**

**class** hydrogram.raw.types.messages.**BotResults**

Telegram API type.

Constructor of [BotResults](#).

**Details:**

- Layer: 176
- ID: E021F2F6

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **results** (List of [BotInlineResult](#)) – N/A
- **cache\_time** (int 32-bit) – N/A
- **users** (List of [User](#)) – N/A
- **gallery** (bool, *optional*) – N/A
- **next\_offset** (str, *optional*) – N/A
- **switch\_pm** ([InlineBotSwitchPM](#), *optional*) – N/A
- **switch\_webview** ([InlineBotWebView](#), *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetInlineBotResults</i> | Telegram API function. |
|-------------------------------------|------------------------|

**messages.ChannelMessages**

**class** hydrogram.raw.types.messages.ChannelMessages

Telegram API type.

Constructor of *Messages*.

**Details:**

- Layer: 176
- ID: C776BA4E

**Parameters**

- **pts** (int 32-bit) – N/A
- **count** (int 32-bit) – N/A
- **messages** (List of *Message*) – N/A
- **topics** (List of *ForumTopic*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **inexact** (bool, *optional*) – N/A
- **offset\_id\_offset** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 14 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetMessages</i>           | Telegram API function. |
| <i>messages.GetHistory</i>            | Telegram API function. |
| <i>messages.Search</i>                | Telegram API function. |
| <i>messages.SearchGlobal</i>          | Telegram API function. |
| <i>messages.GetUnreadMentions</i>     | Telegram API function. |
| <i>messages.GetRecentLocations</i>    | Telegram API function. |
| <i>messages.GetScheduledHistory</i>   | Telegram API function. |
| <i>messages.GetScheduledMessages</i>  | Telegram API function. |
| <i>messages.GetReplies</i>            | Telegram API function. |
| <i>messages.GetUnreadReactions</i>    | Telegram API function. |
| <i>messages.SearchSentMedia</i>       | Telegram API function. |
| <i>messages.GetSavedHistory</i>       | Telegram API function. |
| <i>messages.GetQuickReplyMessages</i> | Telegram API function. |
| <i>channels.GetMessages</i>           | Telegram API function. |

**messages.ChatAdminsWithInvites**

**class** hydrogram.raw.types.messages.ChatAdminsWithInvites

Telegram API type.

Constructor of *ChatAdminsWithInvites*.

**Details:**

- Layer: 176
- ID: B69B72D7

**Parameters**

- **admins** (List of *ChatAdminWithInvites*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetAdminsWithInvites</i> | Telegram API function. |
|--------------------------------------|------------------------|

**messages.ChatFull**

**class** hydrogram.raw.types.messages.ChatFull

Telegram API type.

Constructor of *ChatFull*.

**Details:**

- Layer: 176
- ID: E5D7D19C

**Parameters**

- **full\_chat** (*ChatFull*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.GetFullChat</i>    | Telegram API function. |
| <i>channels.GetFullChannel</i> | Telegram API function. |

## messages.ChatInviteImporters

**class** hydrogram.raw.types.messages.ChatInviteImporters

Telegram API type.

Constructor of *ChatInviteImporters*.

### Details:

- Layer: 176
- ID: 81B6B00A

### Parameters

- **count** (int 32-bit) – N/A
- **importers** (List of *ChatInviteImporter*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetChatInviteImporters</i> | Telegram API function. |
|--|------------------------|

## messages.Chats

**class** hydrogram.raw.types.messages.Chats

Telegram API type.

Constructor of *Chats*.

### Details:

- Layer: 176
- ID: 64FF9FD5

### Parameters

**chats** (List of *Chat*) – N/A

### Functions:

This object can be returned by 8 functions.

|   |                        |
|---|------------------------|
| <i>messages.GetChats</i>                  | Telegram API function. |
| <i>messages.GetCommonChats</i>            | Telegram API function. |
| <i>channels.GetChannels</i>               | Telegram API function. |
| <i>channels.GetAdmindedPublicChannels</i> | Telegram API function. |
| <i>channels.GetLeftChannels</i>           | Telegram API function. |
| <i>channels.GetGroupsForDiscussion</i>    | Telegram API function. |
| <i>channels.GetChannelRecommendations</i> | Telegram API function. |
| <i>stories.GetChatsToSend</i>             | Telegram API function. |

**messages.ChatsSlice****class** hydrogram.raw.types.messages.**ChatsSlice**

Telegram API type.

Constructor of *Chats*.**Details:**

- Layer: 176
- ID: 9CD81144

**Parameters**

- **count** (int 32-bit) – N/A
- **chats** (List of *Chat*) – N/A

**Functions:**

This object can be returned by 8 functions.

|   |                        |
|---|------------------------|
| <i>messages.GetChats</i>                  | Telegram API function. |
| <i>messages.GetCommonChats</i>            | Telegram API function. |
| <i>channels.GetChannels</i>               | Telegram API function. |
| <i>channels.GetAdmindedPublicChannels</i> | Telegram API function. |
| <i>channels.GetLeftChannels</i>           | Telegram API function. |
| <i>channels.GetGroupsForDiscussion</i>    | Telegram API function. |
| <i>channels.GetChannelRecommendations</i> | Telegram API function. |
| <i>stories.GetChatsToSend</i>             | Telegram API function. |

**messages.CheckedHistoryImportPeer****class** hydrogram.raw.types.messages.**CheckedHistoryImportPeer**

Telegram API type.

Constructor of *CheckedHistoryImportPeer*.**Details:**

- Layer: 176
- ID: A24DE717

**Parameters**

- **confirm\_text** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.CheckHistoryImportPeer</i> | Telegram API function. |
|--|------------------------|

**messages.DhConfig****class** hydrogram.raw.types.messages.DhConfig

Telegram API type.

Constructor of *DhConfig*.**Details:**

- Layer: 176
- ID: 2C221EDD

**Parameters**

- **g** (int 32-bit) – N/A
- **p** (bytes) – N/A
- **version** (int 32-bit) – N/A
- **random** (bytes) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetDhConfig*

Telegram API function.

**messages.DhConfigNotModified****class** hydrogram.raw.types.messages.DhConfigNotModified

Telegram API type.

Constructor of *DhConfig*.**Details:**

- Layer: 176
- ID: C0E24635

**Parameters**

- random** (bytes) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetDhConfig*

Telegram API function.

## messages.DialogFilters

**class** hydrogram.raw.types.messages.DialogFilters

Telegram API type.

Constructor of *DialogFilters*.

### Details:

- Layer: 176
- ID: 2AD93719

### Parameters

- **filters** (List of *DialogFilter*) – N/A
- **tags\_enabled** (bool, *optional*) – N/A

### Functions:

This object can be returned by 1 function.

*messages.GetDialogFilters*

Telegram API function.

## messages.Dialogs

**class** hydrogram.raw.types.messages.Dialogs

Telegram API type.

Constructor of *Dialogs*.

### Details:

- Layer: 176
- ID: 15BA6C40

### Parameters

- **dialogs** (List of *Dialog*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

*messages.GetDialogs*

Telegram API function.

**messages.DialogsNotModified****class** hydrogram.raw.types.messages.DialogsNotModified

Telegram API type.

Constructor of *Dialogs*.**Details:**

- Layer: 176
- ID: F0E3E596

**Parameters****count** (int 32-bit) – N/A**Functions:**

This object can be returned by 1 function.

*messages.GetDialogs*

Telegram API function.

**messages.DialogsSlice****class** hydrogram.raw.types.messages.DialogsSlice

Telegram API type.

Constructor of *Dialogs*.**Details:**

- Layer: 176
- ID: 71E094F3

**Parameters**

- **count** (int 32-bit) – N/A
- **dialogs** (List of *Dialog*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetDialogs*

Telegram API function.



**messages.DiscussionMessage**

**class** hydrogram.raw.types.messages.**DiscussionMessage**

Telegram API type.

Constructor of *DiscussionMessage*.

**Details:**

- Layer: 176
- ID: A6341782

**Parameters**

- **messages** (List of *Message*) – N/A
- **unread\_count** (int 32-bit) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **max\_id** (int 32-bit, *optional*) – N/A
- **read\_inbox\_max\_id** (int 32-bit, *optional*) – N/A
- **read\_outbox\_max\_id** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetDiscussionMessage</i> | Telegram API function. |
|--------------------------------------|------------------------|

**messages.EmojiGroups**

**class** hydrogram.raw.types.messages.**EmojiGroups**

Telegram API type.

Constructor of *EmojiGroups*.

**Details:**

- Layer: 176
- ID: 881FB94B

**Parameters**

- **hash** (int 32-bit) – N/A
- **groups** (List of *EmojiGroup*) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetEmojiGroups</i>             | Telegram API function. |
| <i>messages.GetEmojiStatusGroups</i>       | Telegram API function. |
| <i>messages.GetEmojiProfilePhotoGroups</i> | Telegram API function. |

**messages.EmojiGroupsNotModified****class** hydrogram.raw.types.messages.EmojiGroupsNotModified

Telegram API type.

Constructor of *EmojiGroups*.**Details:**

- Layer: 176
- ID: 6FB4AD87

**Parameters****No parameters required.****Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetEmojiGroups</i>             | Telegram API function. |
| <i>messages.GetEmojiStatusGroups</i>       | Telegram API function. |
| <i>messages.GetEmojiProfilePhotoGroups</i> | Telegram API function. |

**messages.ExportedChatInvite****class** hydrogram.raw.types.messages.ExportedChatInvite

Telegram API type.

Constructor of *ExportedChatInvite*.**Details:**

- Layer: 176
- ID: 1871BE50

**Parameters**

- **invite** (*ExportedChatInvite*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetExportedChatInvite</i>  | Telegram API function. |
| <i>messages.EditExportedChatInvite</i> | Telegram API function. |

**messages.ExportedChatInviteReplaced**

**class** hydrogram.raw.types.messages.**ExportedChatInviteReplaced**

Telegram API type.

Constructor of *ExportedChatInvite*.

**Details:**

- Layer: 176
- ID: 222600EF

**Parameters**

- **invite** (*ExportedChatInvite*) – N/A
- **new\_invite** (*ExportedChatInvite*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetExportedChatInvite</i>  | Telegram API function. |
| <i>messages.EditExportedChatInvite</i> | Telegram API function. |

**messages.ExportedChatInvites**

**class** hydrogram.raw.types.messages.**ExportedChatInvites**

Telegram API type.

Constructor of *ExportedChatInvites*.

**Details:**

- Layer: 176
- ID: BDC62DCC

**Parameters**

- **count** (int 32-bit) – N/A
- **invites** (List of *ExportedChatInvite*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetExportedChatInvites</i> | Telegram API function. |
|--|------------------------|

**messages.FavedStickers****class** hydrogram.raw.types.messages.FavedStickers

Telegram API type.

Constructor of *FavedStickers*.**Details:**

- Layer: 176
- ID: 2CB51097

**Parameters**

- **hash** (int 64-bit) – N/A
- **packs** (List of *StickerPack*) – N/A
- **stickers** (List of *Document*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>messages.GetFavedStickers</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.FavedStickersNotModified****class** hydrogram.raw.types.messages.FavedStickersNotModified

Telegram API type.

Constructor of *FavedStickers*.**Details:**

- Layer: 176
- ID: 9E8FA6D3

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>messages.GetFavedStickers</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.FeaturedStickers****class** hydrogram.raw.types.messages.FeaturedStickers

Telegram API type.

Constructor of *FeaturedStickers*.**Details:**

- Layer: 176
- ID: BE382906

**Parameters**

- **hash** (int 64-bit) – N/A
- **count** (int 32-bit) – N/A
- **sets** (List of *StickerSetCovered*) – N/A
- **unread** (List of int 64-bit) – N/A
- **premium** (bool, *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetFeaturedStickers</i>      | Telegram API function. |
| <i>messages.GetOldFeaturedStickers</i>   | Telegram API function. |
| <i>messages.GetFeaturedEmojiStickers</i> | Telegram API function. |

**messages.FeaturedStickersNotModified****class** hydrogram.raw.types.messages.FeaturedStickersNotModified

Telegram API type.

Constructor of *FeaturedStickers*.**Details:**

- Layer: 176
- ID: C6DC0C66

**Parameters**

- **count** (int 32-bit) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetFeaturedStickers</i>      | Telegram API function. |
| <i>messages.GetOldFeaturedStickers</i>   | Telegram API function. |
| <i>messages.GetFeaturedEmojiStickers</i> | Telegram API function. |

## messages.ForumTopics

**class** hydrogram.raw.types.messages.**ForumTopics**

Telegram API type.

Constructor of *ForumTopics*.

### Details:

- Layer: 176
- ID: 367617D3

### Parameters

- **count** (int 32-bit) – N/A
- **topics** (List of *ForumTopic*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **pts** (int 32-bit) – N/A
- **order\_by\_create\_date** (bool, *optional*) – N/A

### Functions:

This object can be returned by 2 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>channels.GetForumTopics</i>     | Telegram API function. |
| <i>channels.GetForumTopicsByID</i> | Telegram API function. |

## messages.FoundStickerSets

**class** hydrogram.raw.types.messages.**FoundStickerSets**

Telegram API type.

Constructor of *FoundStickerSets*.

### Details:

- Layer: 176
- ID: 8AF09DD2

### Parameters

- **hash** (int 64-bit) – N/A
- **sets** (List of *StickerSetCovered*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.SearchStickerSets</i>      | Telegram API function. |
| <i>messages.SearchEmojiStickerSets</i> | Telegram API function. |

**messages.FoundStickerSetsNotModified****class** hydrogram.raw.types.messages.FoundStickerSetsNotModified

Telegram API type.

Constructor of *FoundStickerSets*.**Details:**

- Layer: 176
- ID: D54B65D

**Parameters****No parameters required.****Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.SearchStickerSets</i>      | Telegram API function. |
| <i>messages.SearchEmojiStickerSets</i> | Telegram API function. |

**messages.HighScores****class** hydrogram.raw.types.messages.HighScores

Telegram API type.

Constructor of *HighScores*.**Details:**

- Layer: 176
- ID: 9A3BFD99

**Parameters**

- **scores** (List of *HighScore*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|   |                        |
|---|------------------------|
| <i>messages.GetGameHighScores</i>       | Telegram API function. |
| <i>messages.GetInlineGameHighScores</i> | Telegram API function. |

**messages.HistoryImport****class** hydrogram.raw.types.messages.**HistoryImport**

Telegram API type.

Constructor of *HistoryImport*.**Details:**

- Layer: 176
- ID: 1662AF0B

**Parameters****id** (int 64-bit) – N/A**Functions:**

This object can be returned by 1 function.

*messages.InitHistoryImport*

Telegram API function.

**messages.HistoryImportParsed****class** hydrogram.raw.types.messages.**HistoryImportParsed**

Telegram API type.

Constructor of *HistoryImportParsed*.**Details:**

- Layer: 176
- ID: 5E0FB7B9

**Parameters**

- **pm** (bool, *optional*) – N/A
- **group** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.CheckHistoryImport*

Telegram API function.



**messages.InactiveChats****class** hydrogram.raw.types.messages.**InactiveChats**

Telegram API type.

Constructor of *InactiveChats*.**Details:**

- Layer: 176
- ID: A927FEC5

**Parameters**

- **dates** (List of int 32-bit) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*channels.GetInactiveChannels*

Telegram API function.

**messages.MessageEditData****class** hydrogram.raw.types.messages.**MessageEditData**

Telegram API type.

Constructor of *MessageEditData*.**Details:**

- Layer: 176
- ID: 26B5DDE6

**Parameters****caption** (bool, *optional*) – N/A**Functions:**

This object can be returned by 1 function.

*messages.GetMessageEditData*

Telegram API function.

## messages.MessageReactionsList

**class** hydrogram.raw.types.messages.**MessageReactionsList**

Telegram API type.

Constructor of *MessageReactionsList*.

### Details:

- Layer: 176
- ID: 31BD492D

### Parameters

- **count** (int 32-bit) – N/A
- **reactions** (List of *MessagePeerReaction*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **next\_offset** (str, optional) – N/A

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <i>messages.GetMessageReactionsList</i> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.MessageViews

**class** hydrogram.raw.types.messages.**MessageViews**

Telegram API type.

Constructor of *MessageViews*.

### Details:

- Layer: 176
- ID: B6C4F543

### Parameters

- **views** (List of *MessageViews*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>messages.GetMessagesViews</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.Messages**

**class** hydrogram.raw.types.messages.**Messages**

Telegram API type.

Constructor of *Messages*.

**Details:**

- Layer: 176
- ID: 8C718E87

**Parameters**

- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 14 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetMessages</i>           | Telegram API function. |
| <i>messages.GetHistory</i>            | Telegram API function. |
| <i>messages.Search</i>                | Telegram API function. |
| <i>messages.SearchGlobal</i>          | Telegram API function. |
| <i>messages.GetUnreadMentions</i>     | Telegram API function. |
| <i>messages.GetRecentLocations</i>    | Telegram API function. |
| <i>messages.GetScheduledHistory</i>   | Telegram API function. |
| <i>messages.GetScheduledMessages</i>  | Telegram API function. |
| <i>messages.GetReplies</i>            | Telegram API function. |
| <i>messages.GetUnreadReactions</i>    | Telegram API function. |
| <i>messages.SearchSentMedia</i>       | Telegram API function. |
| <i>messages.GetSavedHistory</i>       | Telegram API function. |
| <i>messages.GetQuickReplyMessages</i> | Telegram API function. |
| <i>channels.GetMessages</i>           | Telegram API function. |

**messages.MessagesNotModified**

**class** hydrogram.raw.types.messages.**MessagesNotModified**

Telegram API type.

Constructor of *Messages*.

**Details:**

- Layer: 176
- ID: 74535F21

**Parameters**

**count** (int 32-bit) – N/A

**Functions:**

This object can be returned by 14 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetMessages</i>           | Telegram API function. |
| <i>messages.GetHistory</i>            | Telegram API function. |
| <i>messages.Search</i>                | Telegram API function. |
| <i>messages.SearchGlobal</i>          | Telegram API function. |
| <i>messages.GetUnreadMentions</i>     | Telegram API function. |
| <i>messages.GetRecentLocations</i>    | Telegram API function. |
| <i>messages.GetScheduledHistory</i>   | Telegram API function. |
| <i>messages.GetScheduledMessages</i>  | Telegram API function. |
| <i>messages.GetReplies</i>            | Telegram API function. |
| <i>messages.GetUnreadReactions</i>    | Telegram API function. |
| <i>messages.SearchSentMedia</i>       | Telegram API function. |
| <i>messages.GetSavedHistory</i>       | Telegram API function. |
| <i>messages.GetQuickReplyMessages</i> | Telegram API function. |
| <i>channels.GetMessages</i>           | Telegram API function. |

**messages.MessagesSlice**

**class** hydrogram.raw.types.messages.MessagesSlice

Telegram API type.

Constructor of *Messages*.

**Details:**

- Layer: 176
- ID: 3A54685E

**Parameters**

- **count** (int 32-bit) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **inexact** (bool, *optional*) – N/A
- **next\_rate** (int 32-bit, *optional*) – N/A
- **offset\_id\_offset** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 14 functions.

|   |                        |
|---|------------------------|
| <code>messages.GetMessages</code>           | Telegram API function. |
| <code>messages.GetHistory</code>            | Telegram API function. |
| <code>messages.Search</code>                | Telegram API function. |
| <code>messages.SearchGlobal</code>          | Telegram API function. |
| <code>messages.GetUnreadMentions</code>     | Telegram API function. |
| <code>messages.GetRecentLocations</code>    | Telegram API function. |
| <code>messages.GetScheduledHistory</code>   | Telegram API function. |
| <code>messages.GetScheduledMessages</code>  | Telegram API function. |
| <code>messages.GetReplies</code>            | Telegram API function. |
| <code>messages.GetUnreadReactions</code>    | Telegram API function. |
| <code>messages.SearchSentMedia</code>       | Telegram API function. |
| <code>messages.GetSavedHistory</code>       | Telegram API function. |
| <code>messages.GetQuickReplyMessages</code> | Telegram API function. |
| <code>channels.GetMessages</code>           | Telegram API function. |

## messages.PeerDialogs

**class** `hydrogram.raw.types.messages.PeerDialogs`

Telegram API type.

Constructor of *PeerDialogs*.

### Details:

- Layer: 176
- ID: 3371C354

### Parameters

- **dialogs** (List of *Dialog*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **state** (*updates.State*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <code>messages.GetPeerDialogs</code>   | Telegram API function. |
| <code>messages.GetPinnedDialogs</code> | Telegram API function. |

## messages.PeerSettings

**class** hydrogram.raw.types.messages.PeerSettings

Telegram API type.

Constructor of *PeerSettings*.

### Details:

- Layer: 176
- ID: 6880B94D

### Parameters

- **settings** (*PeerSettings*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                                 |
|---------------------------------|
| <i>messages.GetPeerSettings</i> |
|---------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.QuickReplies

**class** hydrogram.raw.types.messages.QuickReplies

Telegram API type.

Constructor of *QuickReplies*.

### Details:

- Layer: 176
- ID: C68D6695

### Parameters

- **quick\_replies** (List of *QuickReply*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                                 |
|---------------------------------|
| <i>messages.GetQuickReplies</i> |
|---------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.QuickRepliesNotModified****class** hydrogram.raw.types.messages.QuickRepliesNotModified

Telegram API type.

Constructor of *QuickReplies*.**Details:**

- Layer: 176
- ID: 5F91EB5B

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*messages.GetQuickReplies*

Telegram API function.

**messages.Reactions****class** hydrogram.raw.types.messages.Reactions

Telegram API type.

Constructor of *Reactions*.**Details:**

- Layer: 176
- ID: EAFDF716

**Parameters**

- **hash** (int 64-bit) – N/A
- **reactions** (List of *Reaction*) – N/A

**Functions:**

This object can be returned by 3 functions.

*messages.GetTopReactions*

Telegram API function.

*messages.GetRecentReactions*

Telegram API function.

*messages.GetDefaultTagReactions*

Telegram API function.

**messages.ReactionsNotModified****class** hydrogram.raw.types.messages.ReactionsNotModified

Telegram API type.

Constructor of *Reactions*.**Details:**

- Layer: 176
- ID: B06FDBDF

**Parameters****No parameters required.****Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetTopReactions</i>        | Telegram API function. |
| <i>messages.GetRecentReactions</i>     | Telegram API function. |
| <i>messages.GetDefaultTagReactions</i> | Telegram API function. |

**messages.RecentStickers****class** hydrogram.raw.types.messages.RecentStickers

Telegram API type.

Constructor of *RecentStickers*.**Details:**

- Layer: 176
- ID: 88D37C56

**Parameters**

- **hash** (int 64-bit) – N/A
- **packs** (List of *StickerPack*) – N/A
- **stickers** (List of *Document*) – N/A
- **dates** (List of int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetRecentStickers</i> | Telegram API function. |
|-----------------------------------|------------------------|



**messages.RecentStickersNotModified****class** hydrogram.raw.types.messages.RecentStickersNotModified

Telegram API type.

Constructor of *RecentStickers*.**Details:**

- Layer: 176
- ID: B17F890

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*messages.GetRecentStickers*

Telegram API function.

**messages.SavedDialogs****class** hydrogram.raw.types.messages.SavedDialogs

Telegram API type.

Constructor of *SavedDialogs*.**Details:**

- Layer: 176
- ID: F83AE221

**Parameters**

- **dialogs** (List of *SavedDialog*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

*messages.GetSavedDialogs*

Telegram API function.

*messages.GetPinnedSavedDialogs*

Telegram API function.

**messages.SavedDialogsNotModified****class** hydrogram.raw.types.messages.SavedDialogsNotModified

Telegram API type.

Constructor of *SavedDialogs*.**Details:**

- Layer: 176
- ID: C01F6FE8

**Parameters****count** (int 32-bit) – N/A**Functions:**

This object can be returned by 2 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetSavedDialogs</i>       | Telegram API function. |
| <i>messages.GetPinnedSavedDialogs</i> | Telegram API function. |

**messages.SavedDialogsSlice****class** hydrogram.raw.types.messages.SavedDialogsSlice

Telegram API type.

Constructor of *SavedDialogs*.**Details:**

- Layer: 176
- ID: 44BA9DD9

**Parameters**

- **count** (int 32-bit) – N/A
- **dialogs** (List of *SavedDialog*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetSavedDialogs</i>       | Telegram API function. |
| <i>messages.GetPinnedSavedDialogs</i> | Telegram API function. |

**messages.SavedGifs****class** hydrogram.raw.types.messages.SavedGifs

Telegram API type.

Constructor of *SavedGifs*.**Details:**

- Layer: 176
- ID: 84A02A0D

**Parameters**

- **hash** (int 64-bit) – N/A
- **gifs** (List of *Document*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetSavedGifs*

Telegram API function.

**messages.SavedGifsNotModified****class** hydrogram.raw.types.messages.SavedGifsNotModified

Telegram API type.

Constructor of *SavedGifs*.**Details:**

- Layer: 176
- ID: E8025CA2

**Parameters****No parameters required.****Functions:**

This object can be returned by 1 function.

*messages.GetSavedGifs*

Telegram API function.

## messages.SavedReactionTags

**class** hydrogram.raw.types.messages.SavedReactionTags

Telegram API type.

Constructor of *SavedReactionTags*.

### Details:

- Layer: 176
- ID: 3259950A

### Parameters

- **tags** (List of *SavedReactionTag*) – N/A
- **hash** (int 64-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <i>messages.GetSavedReactionTags</i> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.SavedReactionTagsNotModified

**class** hydrogram.raw.types.messages.SavedReactionTagsNotModified

Telegram API type.

Constructor of *SavedReactionTags*.

### Details:

- Layer: 176
- ID: 889B59EF

### Parameters

**No parameters required.**

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <i>messages.GetSavedReactionTags</i> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.SearchCounter****class** hydrogram.raw.types.messages.**SearchCounter**

Telegram API type.

Constructor of *SearchCounter*.**Details:**

- Layer: 176
- ID: E844EBFF

**Parameters**

- **filter** (*MessagesFilter*) – N/A
- **count** (int 32-bit) – N/A
- **inexact** (bool, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*messages.GetSearchCounters*

Telegram API function.

**messages.SearchResultsCalendar****class** hydrogram.raw.types.messages.**SearchResultsCalendar**

Telegram API type.

Constructor of *SearchResultsCalendar*.**Details:**

- Layer: 176
- ID: 147EE23C

**Parameters**

- **count** (int 32-bit) – N/A
- **min\_date** (int 32-bit) – N/A
- **min\_msg\_id** (int 32-bit) – N/A
- **periods** (List of *SearchResultsCalendarPeriod*) – N/A
- **messages** (List of *Message*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **inexact** (bool, *optional*) – N/A
- **offset\_id\_offset** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetSearchResultsCalendar</code> | Telegram API function. |
|--|------------------------|

**messages.SearchResultsPositions**

**class** `hydrogram.raw.types.messages.SearchResultsPositions`

Telegram API type.

Constructor of `SearchResultsPositions`.

**Details:**

- Layer: 176
- ID: 53B22BAF

**Parameters**

- **count** (int 32-bit) – N/A
- **positions** (List of `SearchResultsPosition`) – N/A

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.GetSearchResultsPositions</code> | Telegram API function. |
|---|------------------------|

**messages.SentEncryptedFile**

**class** `hydrogram.raw.types.messages.SentEncryptedFile`

Telegram API type.

Constructor of `SentEncryptedMessage`.

**Details:**

- Layer: 176
- ID: 9493FF32

**Parameters**

- **date** (int 32-bit) – N/A
- **file** (`EncryptedFile`) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <code>messages.SendEncrypted</code>        | Telegram API function. |
| <code>messages.SendEncryptedFile</code>    | Telegram API function. |
| <code>messages.SendEncryptedService</code> | Telegram API function. |

**messages.SentEncryptedMessage****class** hydrogram.raw.types.messages.SentEncryptedMessage

Telegram API type.

Constructor of *SentEncryptedMessage*.**Details:**

- Layer: 176
- ID: 560F8935

**Parameters****date** (int 32-bit) – N/A**Functions:**

This object can be returned by 3 functions.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.SendEncrypted</i>        | Telegram API function. |
| <i>messages.SendEncryptedFile</i>    | Telegram API function. |
| <i>messages.SendEncryptedService</i> | Telegram API function. |

**messages.SponsoredMessages****class** hydrogram.raw.types.messages.SponsoredMessages

Telegram API type.

Constructor of *SponsoredMessages*.**Details:**

- Layer: 176
- ID: C9EE1D87

**Parameters**

- **messages** (List of *SponsoredMessage*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **posts\_between** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>channels.GetSponsoredMessages</i> | Telegram API function. |
|--------------------------------------|------------------------|

### messages.SponsoredMessagesEmpty

**class** hydrogram.raw.types.messages.SponsoredMessagesEmpty

Telegram API type.

Constructor of *SponsoredMessages*.

**Details:**

- Layer: 176
- ID: 1839490F

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>channels.GetSponsoredMessages</i> | Telegram API function. |
|--------------------------------------|------------------------|

### messages.StickerSet

**class** hydrogram.raw.types.messages.StickerSet

Telegram API type.

Constructor of *StickerSet*.

**Details:**

- Layer: 176
- ID: 6E153F16

**Parameters**

- **set** (*StickerSet*) – N/A
- **packs** (List of *StickerPack*) – N/A
- **keywords** (List of *StickerKeyword*) – N/A
- **documents** (List of *Document*) – N/A

**Functions:**

This object can be returned by 8 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetStickerSet</i>         | Telegram API function. |
| <i>stickers.CreateStickerSet</i>      | Telegram API function. |
| <i>stickers.RemoveStickerFromSet</i>  | Telegram API function. |
| <i>stickers.ChangeStickerPosition</i> | Telegram API function. |
| <i>stickers.AddStickerToSet</i>       | Telegram API function. |
| <i>stickers.SetStickerSetThumb</i>    | Telegram API function. |
| <i>stickers.ChangeSticker</i>         | Telegram API function. |
| <i>stickers.RenameStickerSet</i>      | Telegram API function. |



**messages.StickerSetInstallResultArchive**

**class** hydrogram.raw.types.messages.StickerSetInstallResultArchive

Telegram API type.

Constructor of *StickerSetInstallResult*.

**Details:**

- Layer: 176
- ID: 35E410A8

**Parameters**

**sets** (List of *StickerSetCovered*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.InstallStickerSet</i> | Telegram API function. |
|-----------------------------------|------------------------|

**messages.StickerSetInstallResultSuccess**

**class** hydrogram.raw.types.messages.StickerSetInstallResultSuccess

Telegram API type.

Constructor of *StickerSetInstallResult*.

**Details:**

- Layer: 176
- ID: 38641628

**Parameters**

**No parameters required.**

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.InstallStickerSet</i> | Telegram API function. |
|-----------------------------------|------------------------|

**messages.StickerSetNotModified**

**class** hydrogram.raw.types.messages.StickerSetNotModified

Telegram API type.

Constructor of *StickerSet*.

**Details:**

- Layer: 176
- ID: D3F924EB

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 8 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetStickerSet</i>         | Telegram API function. |
| <i>stickers.CreateStickerSet</i>      | Telegram API function. |
| <i>stickers.RemoveStickerFromSet</i>  | Telegram API function. |
| <i>stickers.ChangeStickerPosition</i> | Telegram API function. |
| <i>stickers.AddStickerToSet</i>       | Telegram API function. |
| <i>stickers.SetStickerSetThumb</i>    | Telegram API function. |
| <i>stickers.ChangeSticker</i>         | Telegram API function. |
| <i>stickers.RenameStickerSet</i>      | Telegram API function. |

**messages.Stickers**

**class** hydrogram.raw.types.messages.Stickers

Telegram API type.

Constructor of *Stickers*.

**Details:**

- Layer: 176
- ID: 30A6EC7E

**Parameters**

- **hash** (int 64-bit) – N/A
- **stickers** (List of *Document*) – N/A

**Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>messages.GetStickers</i> | Telegram API function. |
|-----------------------------|------------------------|

**messages.StickersNotModified**

**class** hydrogram.raw.types.messages.StickersNotModified

Telegram API type.

Constructor of *Stickers*.

**Details:**

- Layer: 176
- ID: F1749A22

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <code>messages.GetStickers</code> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.TranscribedAudio**

**class** hydrogram.raw.types.messages.TranscribedAudio

Telegram API type.

Constructor of *TranscribedAudio*.

**Details:**

- Layer: 176
- ID: CFB9D957

**Parameters**

- **transcription\_id** (int 64-bit) – N/A
- **text** (str) – N/A
- **pending** (bool, *optional*) – N/A
- **trial\_remains\_num** (int 32-bit, *optional*) – N/A
- **trial\_remains\_until\_date** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <code>messages.TranscribeAudio</code> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**messages.TranslateResult**

**class** hydrogram.raw.types.messages.TranslateResult

Telegram API type.

Constructor of *TranslatedText*.

**Details:**

- Layer: 176
- ID: 33DB32F8

**Parameters**

**result** (List of *TextWithEntities*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                     |
|-------------------------------------|
| <code>messages.TranslateText</code> |
|-------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.VotesList

**class** hydrogram.raw.types.messages.VotesList

Telegram API type.

Constructor of *VotesList*.

### Details:

- Layer: 176
- ID: 4899484E

### Parameters

- **count** (int 32-bit) – N/A
- **votes** (List of *MessagePeerVote*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **next\_offset** (str, optional) – N/A

### Functions:

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>messages.GetPollVotes</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## messages.WebPage

**class** hydrogram.raw.types.messages.WebPage

Telegram API type.

Constructor of *WebPage*.

### Details:

- Layer: 176
- ID: FD5E12BD

### Parameters

- **webpage** (*WebPage*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

|                            |
|----------------------------|
| <i>messages.GetWebPage</i> |
|----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Payments

### payments.BankCardData

**class** hydrogram.raw.types.payments.BankCardData

Telegram API type.

Constructor of *BankCardData*.

#### Details:

- Layer: 176
- ID: 3E24E573

#### Parameters

- **title** (str) – N/A
- **open\_urls** (List of *BankCardOpenUrl*) – N/A

#### Functions:

This object can be returned by 1 function.

*payments.GetBankCardData*

Telegram API function.

### payments.CheckedGiftCode

**class** hydrogram.raw.types.payments.CheckedGiftCode

Telegram API type.

Constructor of *CheckedGiftCode*.

#### Details:

- Layer: 176
- ID: 284A1096

#### Parameters

- **date** (int 32-bit) – N/A
- **months** (int 32-bit) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **via\_giveaway** (bool, optional) – N/A
- **from\_id** (*Peer*, optional) – N/A
- **giveaway\_msg\_id** (int 32-bit, optional) – N/A
- **to\_id** (int 64-bit, optional) – N/A
- **used\_date** (int 32-bit, optional) – N/A

### Functions:

This object can be returned by 1 function.

|                                     |
|-------------------------------------|
| <code>payments.CheckGiftCode</code> |
|-------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## payments.ExportedInvoice

**class** hydrogram.raw.types.payments.ExportedInvoice

Telegram API type.

Constructor of [ExportedInvoice](#).

### Details:

- Layer: 176
- ID: AED0CBD9

### Parameters

**url** (str) – N/A

### Functions:

This object can be returned by 1 function.

|                                     |
|-------------------------------------|
| <code>payments.ExportInvoice</code> |
|-------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## payments.GiveawayInfo

**class** hydrogram.raw.types.payments.GiveawayInfo

Telegram API type.

Constructor of [GiveawayInfo](#).

### Details:

- Layer: 176
- ID: 4367DAA0

### Parameters

- **start\_date** (int 32-bit) – N/A
- **participating** (bool, *optional*) – N/A
- **preparing\_results** (bool, *optional*) – N/A
- **joined\_too\_early\_date** (int 32-bit, *optional*) – N/A
- **admin\_disallowed\_chat\_id** (int 64-bit, *optional*) – N/A
- **disallowed\_country** (str, *optional*) – N/A

### Functions:

This object can be returned by 1 function.

*payments.GetGiveawayInfo*

Telegram API function.

**payments.GiveawayInfoResults****class** hydrogram.raw.types.payments.GiveawayInfoResults

Telegram API type.

Constructor of *GiveawayInfo*.**Details:**

- Layer: 176
- ID: CD5570

**Parameters**

- **start\_date** (int 32-bit) – N/A
- **finish\_date** (int 32-bit) – N/A
- **winners\_count** (int 32-bit) – N/A
- **activated\_count** (int 32-bit) – N/A
- **winner** (bool, *optional*) – N/A
- **refunded** (bool, *optional*) – N/A
- **gift\_code\_slug** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*payments.GetGiveawayInfo*

Telegram API function.

**payments.PaymentForm****class** hydrogram.raw.types.payments.PaymentForm

Telegram API type.

Constructor of *PaymentForm*.**Details:**

- Layer: 176
- ID: A0058751

**Parameters**

- **form\_id** (int 64-bit) – N/A
- **bot\_id** (int 64-bit) – N/A
- **title** (str) – N/A
- **description** (str) – N/A

- **invoice** (*Invoice*) – N/A
- **provider\_id** (int 64-bit) – N/A
- **url** (str) – N/A
- **users** (List of *User*) – N/A
- **can\_save\_credentials** (bool, *optional*) – N/A
- **password\_missing** (bool, *optional*) – N/A
- **photo** (*WebDocument*, *optional*) – N/A
- **native\_provider** (str, *optional*) – N/A
- **native\_params** (*DataJSON*, *optional*) – N/A
- **additional\_methods** (List of *PaymentFormMethod*, *optional*) – N/A
- **saved\_info** (*PaymentRequestedInfo*, *optional*) – N/A
- **saved\_credentials** (List of *PaymentSavedCredentials*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <code>payments.GetPaymentForm</code> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**payments.PaymentReceipt**

**class** hydrogram.raw.types.payments.**PaymentReceipt**

Telegram API type.

Constructor of *PaymentReceipt*.

**Details:**

- Layer: 176
- ID: 70C4FE03

**Parameters**

- **date** (int 32-bit) – N/A
- **bot\_id** (int 64-bit) – N/A
- **provider\_id** (int 64-bit) – N/A
- **title** (str) – N/A
- **description** (str) – N/A
- **invoice** (*Invoice*) – N/A
- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A
- **credentials\_title** (str) – N/A
- **users** (List of *User*) – N/A
- **photo** (*WebDocument*, *optional*) – N/A



- **info** (*PaymentRequestedInfo*, *optional*) – N/A
- **shipping** (*ShippingOption*, *optional*) – N/A
- **tip\_amount** (int 64-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <i>payments.GetPaymentReceipt</i> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**payments.PaymentResult**

**class** hydrogram.raw.types.payments.PaymentResult

Telegram API type.

Constructor of *PaymentResult*.

**Details:**

- Layer: 176
- ID: 4E5F810D

**Parameters**

**updates** (*Updates*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                 |
|---------------------------------|
| <i>payments.SendPaymentForm</i> |
|---------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**payments.PaymentVerificationNeeded**

**class** hydrogram.raw.types.payments.PaymentVerificationNeeded

Telegram API type.

Constructor of *PaymentResult*.

**Details:**

- Layer: 176
- ID: D8411139

**Parameters**

**url** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                                 |
|---------------------------------|
| <i>payments.SendPaymentForm</i> |
|---------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**payments.SavedInfo****class** hydrogram.raw.types.payments.SavedInfo

Telegram API type.

Constructor of *SavedInfo*.**Details:**

- Layer: 176
- ID: FB8FE43C

**Parameters**

- **has\_saved\_credentials** (bool, *optional*) – N/A
- **saved\_info** (*PaymentRequestedInfo*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*payments.GetSavedInfo*

Telegram API function.

**payments.ValidatedRequestedInfo****class** hydrogram.raw.types.payments.ValidatedRequestedInfo

Telegram API type.

Constructor of *ValidatedRequestedInfo*.**Details:**

- Layer: 176
- ID: D1451883

**Parameters**

- **id** (str, *optional*) – N/A
- **shipping\_options** (List of *ShippingOption*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

*payments.ValidateRequestedInfo*

Telegram API function.

## Phone

### phone.ExportedGroupCallInvite

**class** hydrogram.raw.types.phone.ExportedGroupCallInvite

Telegram API type.

Constructor of *ExportedGroupCallInvite*.

#### Details:

- Layer: 176
- ID: 204BD158

#### Parameters

**link** (str) – N/A

#### Functions:

This object can be returned by 1 function.

*phone.ExportGroupCallInvite*

Telegram API function.

### phone.GroupCall

**class** hydrogram.raw.types.phone.GroupCall

Telegram API type.

Constructor of *GroupCall*.

#### Details:

- Layer: 176
- ID: 9E727AAD

#### Parameters

- **call** (*GroupCall*) – N/A
- **participants** (List of *GroupCallParticipant*) – N/A
- **participants\_next\_offset** (str) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

#### Functions:

This object can be returned by 1 function.

*phone.GetGroupCall*

Telegram API function.

## phone.GroupCallStreamChannels

**class** hydrogram.raw.types.phone.GroupCallStreamChannels

Telegram API type.

Constructor of *GroupCallStreamChannels*.

**Details:**

- Layer: 176
- ID: D0E482B2

**Parameters**

**channels** (List of *GroupCallStreamChannel*) – N/A

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>phone.GetGroupCallStreamChannels</i> | Telegram API function. |
|---|------------------------|

## phone.GroupCallStreamRtmpUrl

**class** hydrogram.raw.types.phone.GroupCallStreamRtmpUrl

Telegram API type.

Constructor of *GroupCallStreamRtmpUrl*.

**Details:**

- Layer: 176
- ID: 2DBF3432

**Parameters**

- **url** (str) – N/A
- **key** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>phone.GetGroupCallStreamRtmpUrl</i> | Telegram API function. |
|--|------------------------|

## phone.GroupParticipants

**class** hydrogram.raw.types.phone.GroupParticipants

Telegram API type.

Constructor of *GroupParticipants*.

### Details:

- Layer: 176
- ID: F47751B6

### Parameters

- **count** (int 32-bit) – N/A
- **participants** (List of *GroupCallParticipant*) – N/A
- **next\_offset** (str) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **version** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

*phone.GetGroupParticipants*

Telegram API function.

## phone.JoinAsPeers

**class** hydrogram.raw.types.phone.JoinAsPeers

Telegram API type.

Constructor of *JoinAsPeers*.

### Details:

- Layer: 176
- ID: AFE5623F

### Parameters

- **peers** (List of *Peer*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 1 function.

*phone.GetGroupCallJoinAs*

Telegram API function.

## phone.PhoneCall

**class** hydrogram.raw.types.phone.**PhoneCall**

Telegram API type.

Constructor of *PhoneCall*.

### Details:

- Layer: 176
- ID: EC82E140

### Parameters

- **phone\_call** (*PhoneCall*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 3 functions.

|                          |                        |
|--------------------------|------------------------|
| <i>phone.RequestCall</i> | Telegram API function. |
| <i>phone.AcceptCall</i>  | Telegram API function. |
| <i>phone.ConfirmCall</i> | Telegram API function. |

## Photos

### photos.Photo

**class** hydrogram.raw.types.photos.**Photo**

Telegram API type.

Constructor of *Photo*.

### Details:

- Layer: 176
- ID: 20212CA8

### Parameters

- **photo** (*Photo*) – N/A
- **users** (List of *User*) – N/A

### Functions:

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <i>photos.UpdateProfilePhoto</i>        | Telegram API function. |
| <i>photos.UploadProfilePhoto</i>        | Telegram API function. |
| <i>photos.UploadContactProfilePhoto</i> | Telegram API function. |

**photos.Photos****class** hydrogram.raw.types.photos.**Photos**

Telegram API type.

Constructor of *Photos*.**Details:**

- Layer: 176
- ID: 8DCA6AA5

**Parameters**

- **photos** (List of *Photo*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*photos.GetUserPhotos*

Telegram API function.

**photos.PhotosSlice****class** hydrogram.raw.types.photos.**PhotosSlice**

Telegram API type.

Constructor of *Photos*.**Details:**

- Layer: 176
- ID: 15051F54

**Parameters**

- **count** (int 32-bit) – N/A
- **photos** (List of *Photo*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

*photos.GetUserPhotos*

Telegram API function.

## Premium

### premium.BoostsList

**class** hydrogram.raw.types.premium.BoostsList

Telegram API type.

Constructor of *BoostsList*.

#### Details:

- Layer: 176
- ID: 86F8613C

#### Parameters

- **count** (int 32-bit) – N/A
- **boosts** (List of *Boost*) – N/A
- **users** (List of *User*) – N/A
- **next\_offset** (str, *optional*) – N/A

#### Functions:

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>premium.GetBoostsList</i> | Telegram API function. |
| <i>premium.GetUserBoosts</i> | Telegram API function. |

### premium.BoostsStatus

**class** hydrogram.raw.types.premium.BoostsStatus

Telegram API type.

Constructor of *BoostsStatus*.

#### Details:

- Layer: 176
- ID: 4959427A

#### Parameters

- **level** (int 32-bit) – N/A
- **current\_level\_boosts** (int 32-bit) – N/A
- **boosts** (int 32-bit) – N/A
- **boost\_url** (str) – N/A
- **my\_boost** (bool, *optional*) – N/A
- **gift\_boosts** (int 32-bit, *optional*) – N/A
- **next\_level\_boosts** (int 32-bit, *optional*) – N/A
- **premium\_audience** (*StatsPercentValue*, *optional*) – N/A



- **prepaid\_giveaways** (List of *PrepaidGiveaway*, *optional*) – N/A
- **my\_boost\_slots** (List of int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>premium.GetBoostsStatus</i> | Telegram API function. |
|--------------------------------|------------------------|

**premium.MyBoosts**

**class** hydrogram.raw.types.premium.**MyBoosts**

Telegram API type.

Constructor of *MyBoosts*.

**Details:**

- Layer: 176
- ID: 9AE228E2

**Parameters**

- **my\_boosts** (List of *MyBoost*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                            |                        |
|----------------------------|------------------------|
| <i>premium.GetMyBoosts</i> | Telegram API function. |
| <i>premium.ApplyBoost</i>  | Telegram API function. |

**Smsjobs****smsjobs.EligibleToJoin**

**class** hydrogram.raw.types.smsjobs.**EligibleToJoin**

Telegram API type.

Constructor of *EligibilityToJoin*.

**Details:**

- Layer: 176
- ID: DC8B44CF

**Parameters**

- **terms\_url** (str) – N/A
- **monthly\_sent\_sms** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code><i>smsjobs.IsEligibleToJoin</i></code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**smsjobs.Status**

**class** `hydrogram.raw.types.smsjobs.Status`

Telegram API type.

Constructor of `Status`.

**Details:**

- Layer: 176
- ID: 2AEE9191

**Parameters**

- **recent\_sent** (int 32-bit) – N/A
- **recent\_since** (int 32-bit) – N/A
- **recent\_remains** (int 32-bit) – N/A
- **total\_sent** (int 32-bit) – N/A
- **total\_since** (int 32-bit) – N/A
- **terms\_url** (str) – N/A
- **allow\_international** (bool, *optional*) – N/A
- **last\_gift\_slug** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <code><i>smsjobs.GetStatus</i></code> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Stats****stats.BroadcastStats**

**class** `hydrogram.raw.types.stats.BroadcastStats`

Telegram API type.

Constructor of `BroadcastStats`.

**Details:**

- Layer: 176
- ID: 396CA5FC

**Parameters**

- **period** (*StatsDateRangeDays*) – N/A
- **followers** (*StatsAbsValueAndPrev*) – N/A
- **views\_per\_post** (*StatsAbsValueAndPrev*) – N/A
- **shares\_per\_post** (*StatsAbsValueAndPrev*) – N/A
- **reactions\_per\_post** (*StatsAbsValueAndPrev*) – N/A
- **views\_per\_story** (*StatsAbsValueAndPrev*) – N/A
- **shares\_per\_story** (*StatsAbsValueAndPrev*) – N/A
- **reactions\_per\_story** (*StatsAbsValueAndPrev*) – N/A
- **enabled\_notifications** (*StatsPercentValue*) – N/A
- **growth\_graph** (*StatsGraph*) – N/A
- **followers\_graph** (*StatsGraph*) – N/A
- **mute\_graph** (*StatsGraph*) – N/A
- **top\_hours\_graph** (*StatsGraph*) – N/A
- **interactions\_graph** (*StatsGraph*) – N/A
- **iv\_interactions\_graph** (*StatsGraph*) – N/A
- **views\_by\_source\_graph** (*StatsGraph*) – N/A
- **new\_followers\_by\_source\_graph** (*StatsGraph*) – N/A
- **languages\_graph** (*StatsGraph*) – N/A
- **reactions\_by\_emotion\_graph** (*StatsGraph*) – N/A
- **story\_interactions\_graph** (*StatsGraph*) – N/A
- **story\_reactions\_by\_emotion\_graph** (*StatsGraph*) – N/A
- **recent\_posts\_interactions** (List of *PostInteractionCounters*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <code>stats.GetBroadcastStats</code> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**stats.MegagroupStats**

**class** hydrogram.raw.types.stats.MegagroupStats

Telegram API type.

Constructor of *MegagroupStats*.

**Details:**

- Layer: 176
- ID: EF7FF916

**Parameters**

- **period** (*StatsDateRangeDays*) – N/A

- **members** (*StatsAbsValueAndPrev*) – N/A
- **messages** (*StatsAbsValueAndPrev*) – N/A
- **viewers** (*StatsAbsValueAndPrev*) – N/A
- **posters** (*StatsAbsValueAndPrev*) – N/A
- **growth\_graph** (*StatsGraph*) – N/A
- **members\_graph** (*StatsGraph*) – N/A
- **new\_members\_by\_source\_graph** (*StatsGraph*) – N/A
- **languages\_graph** (*StatsGraph*) – N/A
- **messages\_graph** (*StatsGraph*) – N/A
- **actions\_graph** (*StatsGraph*) – N/A
- **top\_hours\_graph** (*StatsGraph*) – N/A
- **weekdays\_graph** (*StatsGraph*) – N/A
- **top\_posters** (List of *StatsGroupTopPoster*) – N/A
- **top\_admins** (List of *StatsGroupTopAdmin*) – N/A
- **top\_inviters** (List of *StatsGroupTopInviter*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>stats.GetMegagroupStats</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**stats.MessageStats**

**class** hydrogram.raw.types.stats.**MessageStats**

Telegram API type.

Constructor of *MessageStats*.

**Details:**

- Layer: 176
- ID: 7FE91C14

**Parameters**

- **views\_graph** (*StatsGraph*) – N/A
- **reactions\_by\_emotion\_graph** (*StatsGraph*) – N/A

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>stats.GetMessageStats</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## stats.PublicForwards

**class** hydrogram.raw.types.stats.PublicForwards

Telegram API type.

Constructor of *PublicForwards*.

### Details:

- Layer: 176
- ID: 93037E20

### Parameters

- **count** (int 32-bit) – N/A
- **forwards** (List of *PublicForward*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **next\_offset** (str, optional) – N/A

### Functions:

This object can be returned by 2 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>stats.GetMessagePublicForwards</i> | Telegram API function. |
| <i>stats.GetStoryPublicForwards</i>   | Telegram API function. |

## stats.StoryStats

**class** hydrogram.raw.types.stats.StoryStats

Telegram API type.

Constructor of *StoryStats*.

### Details:

- Layer: 176
- ID: 50CD067C

### Parameters

- **views\_graph** (*StatsGraph*) – N/A
- **reactions\_by\_emotion\_graph** (*StatsGraph*) – N/A

### Functions:

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>stats.GetStoryStats</i> | Telegram API function. |
|----------------------------|------------------------|

## Stickers

### stickers.SuggestedShortName

**class** hydrogram.raw.types.stickers.SuggestedShortName

Telegram API type.

Constructor of *SuggestedShortName*.

#### Details:

- Layer: 176
- ID: 85FEA03F

#### Parameters

**short\_name** (str) – N/A

#### Functions:

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>stickers.SuggestShortName</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## Storage

### storage.FileGif

**class** hydrogram.raw.types.storage.FileGif

Telegram API type.

Constructor of *FileType*.

#### Details:

- Layer: 176
- ID: CAE1AADF

#### Parameters

**No parameters required.**

### storage.FileJpeg

**class** hydrogram.raw.types.storage.FileJpeg

Telegram API type.

Constructor of *FileType*.

#### Details:

- Layer: 176
- ID: 7EFE0E

#### Parameters

**No parameters required.**

### storage.FileMov

**class** hydrogram.raw.types.storage.FileMov

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: 4B09EBBC

**Parameters**

No parameters required.

### storage.FileMp3

**class** hydrogram.raw.types.storage.FileMp3

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: 528A0677

**Parameters**

No parameters required.

### storage.FileMp4

**class** hydrogram.raw.types.storage.FileMp4

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: B3CEA0E4

**Parameters**

No parameters required.

### storage.FilePartial

**class** hydrogram.raw.types.storage.FilePartial

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: 40BC6F52

**Parameters**

No parameters required.

### storage.FilePdf

**class** hydrogram.raw.types.storage.FilePdf

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: AE1E508D

**Parameters**

No parameters required.

### storage.FilePng

**class** hydrogram.raw.types.storage.FilePng

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: A4F63C0

**Parameters**

No parameters required.



## storage.FileUnknown

**class** hydrogram.raw.types.storage.FileUnknown

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: AA963B05

**Parameters**

No parameters required.

## storage.FileWebp

**class** hydrogram.raw.types.storage.FileWebp

Telegram API type.

Constructor of *FileType*.

**Details:**

- Layer: 176
- ID: 1081464C

**Parameters**

No parameters required.

## Stories

### stories.AllStories

**class** hydrogram.raw.types.stories.AllStories

Telegram API type.

Constructor of *AllStories*.

**Details:**

- Layer: 176
- ID: 6EFC5E81

**Parameters**

- **count** (int 32-bit) – N/A
- **state** (str) – N/A
- **peer\_stories** (List of *PeerStories*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **stealth\_mode** (*StoriesStealthMode*) – N/A

- **has\_more** (bool, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <code>stories.GetAllStories</code> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**stories.AllStoriesNotModified**

**class** hydrogram.raw.types.stories.AllStoriesNotModified

Telegram API type.

Constructor of [AllStories](#).

**Details:**

- Layer: 176
- ID: 1158FE3E

**Parameters**

- **state** (str) – N/A
- **stealth\_mode** ([StoriesStealthMode](#)) – N/A

**Functions:**

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <code>stories.GetAllStories</code> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**stories.PeerStories**

**class** hydrogram.raw.types.stories.PeerStories

Telegram API type.

Constructor of [PeerStories](#).

**Details:**

- Layer: 176
- ID: CAE68768

**Parameters**

- **stories** ([PeerStories](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A

**Functions:**

This object can be returned by 1 function.

*stories.GetPeerStories*

Telegram API function.

**stories.Stories****class** hydrogram.raw.types.stories.Stories

Telegram API type.

Constructor of *Stories*.**Details:**

- Layer: 176
- ID: 5DD8C3C8

**Parameters**

- **count** (int 32-bit) – N/A
- **stories** (List of *StoryItem*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 3 functions.

*stories.GetPinnedStories*

Telegram API function.

*stories.GetStoriesArchive*

Telegram API function.

*stories.GetStoriesByID*

Telegram API function.

**stories.StoryReactionsList****class** hydrogram.raw.types.stories.StoryReactionsList

Telegram API type.

Constructor of *StoryReactionsList*.**Details:**

- Layer: 176
- ID: AA5F789C

**Parameters**

- **count** (int 32-bit) – N/A
- **reactions** (List of *StoryReaction*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **next\_offset** (str, optional) – N/A

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <code>stories.GetStoryReactionsList</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## stories.StoryViews

**class** hydrogram.raw.types.stories.StoryViews

Telegram API type.

Constructor of `StoryViews`.

### Details:

- Layer: 176
- ID: DE9EED1D

### Parameters

- **views** (List of `StoryViews`) – N/A
- **users** (List of `User`) – N/A

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <code>stories.GetStoriesViews</code> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## stories.StoryViewsList

**class** hydrogram.raw.types.stories.StoryViewsList

Telegram API type.

Constructor of `StoryViewsList`.

### Details:

- Layer: 176
- ID: 59D78FC5

### Parameters

- **count** (int 32-bit) – N/A
- **views\_count** (int 32-bit) – N/A
- **forwards\_count** (int 32-bit) – N/A
- **reactions\_count** (int 32-bit) – N/A
- **views** (List of `StoryView`) – N/A
- **chats** (List of `Chat`) – N/A
- **users** (List of `User`) – N/A

- **next\_offset** (*str*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>stories.GetStoryViewsList</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Updates****updates.ChannelDifference**

**class** hydrogram.raw.types.updates.ChannelDifference

Telegram API type.

Constructor of [ChannelDifference](#).

**Details:**

- Layer: 176
- ID: 2064674E

**Parameters**

- **pts** (int 32-bit) – N/A
- **new\_messages** (List of [Message](#)) – N/A
- **other\_updates** (List of [Update](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A
- **final** (bool, *optional*) – N/A
- **timeout** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>updates.GetChannelDifference</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**updates.ChannelDifferenceEmpty**

**class** hydrogram.raw.types.updates.ChannelDifferenceEmpty

Telegram API type.

Constructor of [ChannelDifference](#).

**Details:**

- Layer: 176
- ID: 3E11AFFB

**Parameters**

- **pts** (int 32-bit) – N/A
- **final** (bool, *optional*) – N/A
- **timeout** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>updates.GetChannelDifference</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## updates.ChannelDifferenceTooLong

**class** hydrogram.raw.types.updates.ChannelDifferenceTooLong

Telegram API type.

Constructor of [ChannelDifference](#).

**Details:**

- Layer: 176
- ID: A4BCC6FE

**Parameters**

- **dialog** ([Dialog](#)) – N/A
- **messages** (List of [Message](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A
- **final** (bool, *optional*) – N/A
- **timeout** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>updates.GetChannelDifference</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## updates.Difference

**class** hydrogram.raw.types.updates.Difference

Telegram API type.

Constructor of [Difference](#).

**Details:**

- Layer: 176
- ID: F49CA0

**Parameters**

- **new\_messages** (List of *Message*) – N/A
- **new\_encrypted\_messages** (List of *EncryptedMessage*) – N/A
- **other\_updates** (List of *Update*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **state** (*updates.State*) – N/A

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>updates.GetDifference</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**updates.DifferenceEmpty**

**class** hydrogram.raw.types.updates.DifferenceEmpty

Telegram API type.

Constructor of *Difference*.

**Details:**

- Layer: 176
- ID: 5D75A138

**Parameters**

- **date** (int 32-bit) – N/A
- **seq** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>updates.GetDifference</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**updates.DifferenceSlice**

**class** hydrogram.raw.types.updates.DifferenceSlice

Telegram API type.

Constructor of *Difference*.

**Details:**

- Layer: 176
- ID: A8FB1981

**Parameters**

- **new\_messages** (List of *Message*) – N/A

- **new\_encrypted\_messages** (List of *EncryptedMessage*) – N/A
- **other\_updates** (List of *Update*) – N/A
- **chats** (List of *Chat*) – N/A
- **users** (List of *User*) – N/A
- **intermediate\_state** (*updates.State*) – N/A

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>updates.GetDifference</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**updates.DifferenceTooLong**

**class** hydrogram.raw.types.updates.DifferenceTooLong

Telegram API type.

Constructor of *Difference*.

**Details:**

- Layer: 176
- ID: 4AFE8F6D

**Parameters**

**pts** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>updates.GetDifference</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**updates.State**

**class** hydrogram.raw.types.updates.State

Telegram API type.

Constructor of *State*.

**Details:**

- Layer: 176
- ID: A56C2A3E

**Parameters**

- **pts** (int 32-bit) – N/A
- **qts** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A



- **seq** (int 32-bit) – N/A
- **unread\_count** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                         |
|-------------------------|
| <i>updates.GetState</i> |
|-------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Upload****upload.CdnFile**

**class** hydrogram.raw.types.upload.CdnFile

Telegram API type.

Constructor of *CdnFile*.

**Details:**

- Layer: 176
- ID: A99FCA4F

**Parameters**

**bytes** (bytes) – N/A

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>upload.GetCdnFile</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**upload.CdnFileReuploadNeeded**

**class** hydrogram.raw.types.upload.CdnFileReuploadNeeded

Telegram API type.

Constructor of *CdnFile*.

**Details:**

- Layer: 176
- ID: EEA8E46E

**Parameters**

**request\_token** (bytes) – N/A

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>upload.GetCdnFile</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## upload.File

**class** hydrogram.raw.types.upload.File

Telegram API type.

Constructor of *File*.

### Details:

- Layer: 176
- ID: 96A18D5

### Parameters

- **type** (*storage.FileType*) – N/A
- **mtime** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

### Functions:

This object can be returned by 1 function.

|                       |
|-----------------------|
| <i>upload.GetFile</i> |
|-----------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## upload.FileCdnRedirect

**class** hydrogram.raw.types.upload.FileCdnRedirect

Telegram API type.

Constructor of *File*.

### Details:

- Layer: 176
- ID: F18CDA44

### Parameters

- **dc\_id** (int 32-bit) – N/A
- **file\_token** (bytes) – N/A
- **encryption\_key** (bytes) – N/A
- **encryption\_iv** (bytes) – N/A
- **file\_hashes** (List of *FileHash*) – N/A

### Functions:

This object can be returned by 1 function.

|                       |
|-----------------------|
| <i>upload.GetFile</i> |
|-----------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## upload.WebFile

**class** hydrogram.raw.types.upload.WebFile

Telegram API type.

Constructor of [WebFile](#).

### Details:

- Layer: 176
- ID: 21E753BC

### Parameters

- **size** (int 32-bit) – N/A
- **mime\_type** (str) – N/A
- **file\_type** ([storage.FileType](#)) – N/A
- **mtime** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

### Functions:

This object can be returned by 1 function.

[upload.GetWebFile](#)

Telegram API function.

## Users

### users.UserFull

**class** hydrogram.raw.types.users.UserFull

Telegram API type.

Constructor of [UserFull](#).

### Details:

- Layer: 176
- ID: 3B6D152E

### Parameters

- **full\_user** ([UserFull](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **users** (List of [User](#)) – N/A

### Functions:

This object can be returned by 1 function.

[users.GetFullUser](#)

Telegram API function.

## AccessPointRule

**class** hydrogram.raw.types.**AccessPointRule**

Telegram API type.

Constructor of [AccessPointRule](#).

### Details:

- Layer: 176
- ID: 4679B65F

### Parameters

- **phone\_prefix\_rules** (str) – N/A
- **dc\_id** (int 32-bit) – N/A
- **ips** (List of [IpPort](#)) – N/A

## AccountDaysTTL

**class** hydrogram.raw.types.**AccountDaysTTL**

Telegram API type.

Constructor of [AccountDaysTTL](#).

### Details:

- Layer: 176
- ID: B8D0AFDF

### Parameters

**days** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <a href="#">account.GetAccountTTL</a> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## AppWebViewResultUrl

**class** hydrogram.raw.types.**AppWebViewResultUrl**

Telegram API type.

Constructor of [AppWebViewResult](#).

### Details:

- Layer: 176
- ID: 3C1B4F0D

### Parameters

**url** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>messages.RequestAppWebView</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**AttachMenuBot**

**class** hydrogram.raw.types.**AttachMenuBot**

Telegram API type.

Constructor of [AttachMenuBot](#).

**Details:**

- Layer: 176
- ID: D90D8DFE

**Parameters**

- **bot\_id** (int 64-bit) – N/A
- **short\_name** (str) – N/A
- **icons** (List of [AttachMenuBotIcon](#)) – N/A
- **inactive** (bool, *optional*) – N/A
- **has\_settings** (bool, *optional*) – N/A
- **request\_write\_access** (bool, *optional*) – N/A
- **show\_in\_attach\_menu** (bool, *optional*) – N/A
- **show\_in\_side\_menu** (bool, *optional*) – N/A
- **side\_menu\_disclaimer\_needed** (bool, *optional*) – N/A
- **peer\_types** (List of [AttachMenuPeerType](#), *optional*) – N/A

**AttachMenuBotIcon**

**class** hydrogram.raw.types.**AttachMenuBotIcon**

Telegram API type.

Constructor of [AttachMenuBotIcon](#).

**Details:**

- Layer: 176
- ID: B2A7386B

**Parameters**

- **name** (str) – N/A
- **icon** ([Document](#)) – N/A
- **colors** (List of [AttachMenuBotIconColor](#), *optional*) – N/A

### AttachMenuBotIconColor

**class** hydrogram.raw.types.**AttachMenuBotIconColor**

Telegram API type.

Constructor of [AttachMenuBotIconColor](#).

**Details:**

- Layer: 176
- ID: 4576F3F0

**Parameters**

- **name** (str) – N/A
- **color** (int 32-bit) – N/A

### AttachMenuBots

**class** hydrogram.raw.types.**AttachMenuBots**

Telegram API type.

Constructor of [AttachMenuBots](#).

**Details:**

- Layer: 176
- ID: 3C4301C0

**Parameters**

- **hash** (int 64-bit) – N/A
- **bots** (List of [AttachMenuBot](#)) – N/A
- **users** (List of [User](#)) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <a href="#">messages.GetAttachMenuBots</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### AttachMenuBotsBot

**class** hydrogram.raw.types.**AttachMenuBotsBot**

Telegram API type.

Constructor of [AttachMenuBotsBot](#).

**Details:**

- Layer: 176
- ID: 93BF667F

**Parameters**

- **bot** (*AttachMenuBot*) – N/A
- **users** (List of *User*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>messages.GetAttachMenuBot</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**AttachMenuBotsNotModified**

**class** hydrogram.raw.types.**AttachMenuBotsNotModified**

Telegram API type.

Constructor of *AttachMenuBots*.

**Details:**

- Layer: 176
- ID: F1D88A5C

**Parameters**

**No parameters required.**

**Functions:**

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <i>messages.GetAttachMenuBots</i> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**AttachMenuPeerTypeBotPM**

**class** hydrogram.raw.types.**AttachMenuPeerTypeBotPM**

Telegram API type.

Constructor of *AttachMenuPeerType*.

**Details:**

- Layer: 176
- ID: C32BFA1A

**Parameters**

**No parameters required.**

### AttachMenuPeerTypeBroadcast

**class** hydrogram.raw.types.AttachMenuPeerTypeBroadcast

Telegram API type.

Constructor of [AttachMenuPeerType](#).

**Details:**

- Layer: 176
- ID: 7BFBDEFC

**Parameters**

No parameters required.

### AttachMenuPeerTypeChat

**class** hydrogram.raw.types.AttachMenuPeerTypeChat

Telegram API type.

Constructor of [AttachMenuPeerType](#).

**Details:**

- Layer: 176
- ID: 509113F

**Parameters**

No parameters required.

### AttachMenuPeerTypePM

**class** hydrogram.raw.types.AttachMenuPeerTypePM

Telegram API type.

Constructor of [AttachMenuPeerType](#).

**Details:**

- Layer: 176
- ID: F146D31F

**Parameters**

No parameters required.



## AttachMenuPeerTypeSameBotPM

**class** hydrogram.raw.types.AttachMenuPeerTypeSameBotPM

Telegram API type.

Constructor of *AttachMenuPeerType*.

### Details:

- Layer: 176
- ID: 7D6BE90E

### Parameters

No parameters required.

## Authorization

**class** hydrogram.raw.types.Authorization

Telegram API type.

Constructor of *Authorization*.

### Details:

- Layer: 176
- ID: AD01D61D

### Parameters

- **hash** (int 64-bit) – N/A
- **device\_model** (str) – N/A
- **platform** (str) – N/A
- **system\_version** (str) – N/A
- **api\_id** (int 32-bit) – N/A
- **app\_name** (str) – N/A
- **app\_version** (str) – N/A
- **date\_created** (int 32-bit) – N/A
- **date\_active** (int 32-bit) – N/A
- **ip** (str) – N/A
- **country** (str) – N/A
- **region** (str) – N/A
- **current** (bool, *optional*) – N/A
- **official\_app** (bool, *optional*) – N/A
- **password\_pending** (bool, *optional*) – N/A
- **encrypted\_requests\_disabled** (bool, *optional*) – N/A
- **call\_requests\_disabled** (bool, *optional*) – N/A
- **unconfirmed** (bool, *optional*) – N/A

### Functions:

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <code>auth.AcceptLoginToken</code> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## AutoDownloadSettings

**class** hydrogram.raw.types.AutoDownloadSettings

Telegram API type.

Constructor of [AutoDownloadSettings](#).

### Details:

- Layer: 176
- ID: BAA57628

### Parameters

- **photo\_size\_max** (int 32-bit) – N/A
- **video\_size\_max** (int 64-bit) – N/A
- **file\_size\_max** (int 64-bit) – N/A
- **video\_upload\_maxbitrate** (int 32-bit) – N/A
- **small\_queue\_active\_operations\_max** (int 32-bit) – N/A
- **large\_queue\_active\_operations\_max** (int 32-bit) – N/A
- **disabled** (bool, *optional*) – N/A
- **video\_preload\_large** (bool, *optional*) – N/A
- **audio\_preload\_next** (bool, *optional*) – N/A
- **phonecalls\_less\_data** (bool, *optional*) – N/A
- **stories\_preload** (bool, *optional*) – N/A

## AutoSaveException

**class** hydrogram.raw.types.AutoSaveException

Telegram API type.

Constructor of [AutoSaveException](#).

### Details:

- Layer: 176
- ID: 81602D47

### Parameters

- **peer** ([Peer](#)) – N/A
- **settings** ([AutoSaveSettings](#)) – N/A

## AutoSaveSettings

**class** hydrogram.raw.types.**AutoSaveSettings**

Telegram API type.

Constructor of [AutoSaveSettings](#).

### Details:

- Layer: 176
- ID: C84834CE

### Parameters

- **photos** (bool, *optional*) – N/A
- **videos** (bool, *optional*) – N/A
- **video\_max\_size** (int 64-bit, *optional*) – N/A

## AvailableReaction

**class** hydrogram.raw.types.**AvailableReaction**

Telegram API type.

Constructor of [AvailableReaction](#).

### Details:

- Layer: 176
- ID: C077EC01

### Parameters

- **reaction** (str) – N/A
- **title** (str) – N/A
- **static\_icon** (*Document*) – N/A
- **appear\_animation** (*Document*) – N/A
- **select\_animation** (*Document*) – N/A
- **activate\_animation** (*Document*) – N/A
- **effect\_animation** (*Document*) – N/A
- **inactive** (bool, *optional*) – N/A
- **premium** (bool, *optional*) – N/A
- **around\_animation** (*Document*, *optional*) – N/A
- **center\_icon** (*Document*, *optional*) – N/A

## BadMsgNotification

**class** hydrogram.raw.types.BadMsgNotification

Telegram API type.

Constructor of *BadMsgNotification*.

### Details:

- Layer: 176
- ID: A7EFF811

### Parameters

- **bad\_msg\_id** (int 64-bit) – N/A
- **bad\_msg\_seqno** (int 32-bit) – N/A
- **error\_code** (int 32-bit) – N/A

## BadServerSalt

**class** hydrogram.raw.types.BadServerSalt

Telegram API type.

Constructor of *BadMsgNotification*.

### Details:

- Layer: 176
- ID: EDAB447B

### Parameters

- **bad\_msg\_id** (int 64-bit) – N/A
- **bad\_msg\_seqno** (int 32-bit) – N/A
- **error\_code** (int 32-bit) – N/A
- **new\_server\_salt** (int 64-bit) – N/A

## BankCardOpenUrl

**class** hydrogram.raw.types.BankCardOpenUrl

Telegram API type.

Constructor of *BankCardOpenUrl*.

### Details:

- Layer: 176
- ID: F568028A

### Parameters

- **url** (str) – N/A
- **name** (str) – N/A

### BaseThemeArctic

**class** hydrogram.raw.types.BaseThemeArctic

Telegram API type.

Constructor of *BaseTheme*.

**Details:**

- Layer: 176
- ID: 5B11125A

**Parameters**

No parameters required.

### BaseThemeClassic

**class** hydrogram.raw.types.BaseThemeClassic

Telegram API type.

Constructor of *BaseTheme*.

**Details:**

- Layer: 176
- ID: C3A12462

**Parameters**

No parameters required.

### BaseThemeDay

**class** hydrogram.raw.types.BaseThemeDay

Telegram API type.

Constructor of *BaseTheme*.

**Details:**

- Layer: 176
- ID: FBD81688

**Parameters**

No parameters required.

### BaseThemeNight

**class** hydrogram.raw.types.BaseThemeNight

Telegram API type.

Constructor of [BaseTheme](#).

**Details:**

- Layer: 176
- ID: B7B31EA8

**Parameters**

No parameters required.

### BaseThemeTinted

**class** hydrogram.raw.types.BaseThemeTinted

Telegram API type.

Constructor of [BaseTheme](#).

**Details:**

- Layer: 176
- ID: 6D5F77EE

**Parameters**

No parameters required.

### BindAuthKeyInner

**class** hydrogram.raw.types.BindAuthKeyInner

Telegram API type.

Constructor of [BindAuthKeyInner](#).

**Details:**

- Layer: 176
- ID: 75A3F765

**Parameters**

- **nonce** (int 64-bit) – N/A
- **temp\_auth\_key\_id** (int 64-bit) – N/A
- **perm\_auth\_key\_id** (int 64-bit) – N/A
- **temp\_session\_id** (int 64-bit) – N/A
- **expires\_at** (int 32-bit) – N/A

## Boost

**class** hydrogram.raw.types.**Boost**

Telegram API type.

Constructor of [Boost](#).

### Details:

- Layer: 176
- ID: 2A1C8C71

### Parameters

- **id** (str) – N/A
- **date** (int 32-bit) – N/A
- **expires** (int 32-bit) – N/A
- **gift** (bool, *optional*) – N/A
- **giveaway** (bool, *optional*) – N/A
- **unclaimed** (bool, *optional*) – N/A
- **user\_id** (int 64-bit, *optional*) – N/A
- **giveaway\_msg\_id** (int 32-bit, *optional*) – N/A
- **used\_gift\_slug** (str, *optional*) – N/A
- **multiplier** (int 32-bit, *optional*) – N/A

## BotApp

**class** hydrogram.raw.types.**BotApp**

Telegram API type.

Constructor of [BotApp](#).

### Details:

- Layer: 176
- ID: 95FCD1D6

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **short\_name** (str) – N/A
- **title** (str) – N/A
- **description** (str) – N/A
- **photo** ([Photo](#)) – N/A
- **hash** (int 64-bit) – N/A
- **document** ([Document](#), *optional*) – N/A

## BotAppNotModified

**class** hydrogram.raw.types.BotAppNotModified

Telegram API type.

Constructor of *BotApp*.

### Details:

- Layer: 176
- ID: 5DA674B7

### Parameters

No parameters required.

## BotCommand

**class** hydrogram.raw.types.BotCommand

Telegram API type.

Constructor of *BotCommand*.

### Details:

- Layer: 176
- ID: C27AC8C7

### Parameters

- **command** (str) – N/A
- **description** (str) – N/A

### Functions:

This object can be returned by 1 function.

|                            |
|----------------------------|
| <i>bots.GetBotCommands</i> |
|----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## BotCommandScopeChatAdmins

**class** hydrogram.raw.types.BotCommandScopeChatAdmins

Telegram API type.

Constructor of *BotCommandScope*.

### Details:

- Layer: 176
- ID: B9AA606A

### Parameters

No parameters required.



### BotCommandScopeChats

**class** hydrogram.raw.types.BotCommandScopeChats

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: 6FE1A881

**Parameters**

No parameters required.

### BotCommandScopeDefault

**class** hydrogram.raw.types.BotCommandScopeDefault

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: 2F6CB2AB

**Parameters**

No parameters required.

### BotCommandScopePeer

**class** hydrogram.raw.types.BotCommandScopePeer

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: DB9D897D

**Parameters**

**peer** (*InputPeer*) – N/A

### BotCommandScopePeerAdmins

**class** hydrogram.raw.types.BotCommandScopePeerAdmins

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: 3FD863D1

**Parameters**

**peer** (*InputPeer*) – N/A

### BotCommandScopePeerUser

**class** hydrogram.raw.types.BotCommandScopePeerUser

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: A1321F3

**Parameters**

- **peer** (*InputPeer*) – N/A
- **user\_id** (*InputUser*) – N/A

### BotCommandScopeUsers

**class** hydrogram.raw.types.BotCommandScopeUsers

Telegram API type.

Constructor of *BotCommandScope*.

**Details:**

- Layer: 176
- ID: 3C4F04D8

**Parameters**

No parameters required.

## BotInfo

**class** hydrogram.raw.types.**BotInfo**

Telegram API type.

Constructor of [BotInfo](#).

### Details:

- Layer: 176
- ID: 8F300B57

### Parameters

- **user\_id** (int 64-bit, *optional*) – N/A
- **description** (str, *optional*) – N/A
- **description\_photo** ([Photo](#), *optional*) – N/A
- **description\_document** ([Document](#), *optional*) – N/A
- **commands** (List of [BotCommand](#), *optional*) – N/A
- **menu\_button** ([BotMenuButton](#), *optional*) – N/A

## BotInlineMediaResult

**class** hydrogram.raw.types.**BotInlineMediaResult**

Telegram API type.

Constructor of [BotInlineResult](#).

### Details:

- Layer: 176
- ID: 17DB940B

### Parameters

- **id** (str) – N/A
- **type** (str) – N/A
- **send\_message** ([BotInlineMessage](#)) – N/A
- **photo** ([Photo](#), *optional*) – N/A
- **document** ([Document](#), *optional*) – N/A
- **title** (str, *optional*) – N/A
- **description** (str, *optional*) – N/A

### BotInlineMessageMediaAuto

**class** hydrogram.raw.types.BotInlineMessageMediaAuto

Telegram API type.

Constructor of [BotInlineMessage](#).

**Details:**

- Layer: 176
- ID: 764CF810

**Parameters**

- **message** (str) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **entities** (List of [MessageEntity](#), *optional*) – N/A
- **reply\_markup** ([ReplyMarkup](#), *optional*) – N/A

### BotInlineMessageMediaContact

**class** hydrogram.raw.types.BotInlineMessageMediaContact

Telegram API type.

Constructor of [BotInlineMessage](#).

**Details:**

- Layer: 176
- ID: 18D1CDC2

**Parameters**

- **phone\_number** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **vcard** (str) – N/A
- **reply\_markup** ([ReplyMarkup](#), *optional*) – N/A

### BotInlineMessageMediaGeo

**class** hydrogram.raw.types.BotInlineMessageMediaGeo

Telegram API type.

Constructor of [BotInlineMessage](#).

**Details:**

- Layer: 176
- ID: 51846FD

**Parameters**

- **geo** (*GeoPoint*) – N/A
- **heading** (int 32-bit, *optional*) – N/A
- **period** (int 32-bit, *optional*) – N/A
- **proximity\_notification\_radius** (int 32-bit, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### BotInlineMessageMediaInvoice

**class** hydrogram.raw.types.BotInlineMessageMediaInvoice

Telegram API type.

Constructor of *BotInlineMessage*.

#### Details:

- Layer: 176
- ID: 354A9B09

#### Parameters

- **title** (str) – N/A
- **description** (str) – N/A
- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A
- **shipping\_address\_requested** (bool, *optional*) – N/A
- **test** (bool, *optional*) – N/A
- **photo** (*WebDocument*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### BotInlineMessageMediaVenue

**class** hydrogram.raw.types.BotInlineMessageMediaVenue

Telegram API type.

Constructor of *BotInlineMessage*.

#### Details:

- Layer: 176
- ID: 8A86659C

#### Parameters

- **geo** (*GeoPoint*) – N/A
- **title** (str) – N/A
- **address** (str) – N/A
- **provider** (str) – N/A
- **venue\_id** (str) – N/A

- `venue_type` (`str`) – N/A
- `reply_markup` (`ReplyMarkup`, *optional*) – N/A

### BotInlineMessageMediaWebPage

`class hydrogram.raw.types.BotInlineMessageMediaWebPage`

Telegram API type.

Constructor of `BotInlineMessage`.

#### Details:

- Layer: 176
- ID: 809AD9A6

#### Parameters

- `message` (`str`) – N/A
- `url` (`str`) – N/A
- `invert_media` (`bool`, *optional*) – N/A
- `force_large_media` (`bool`, *optional*) – N/A
- `force_small_media` (`bool`, *optional*) – N/A
- `manual` (`bool`, *optional*) – N/A
- `safe` (`bool`, *optional*) – N/A
- `entities` (List of `MessageEntity`, *optional*) – N/A
- `reply_markup` (`ReplyMarkup`, *optional*) – N/A

### BotInlineMessageText

`class hydrogram.raw.types.BotInlineMessageText`

Telegram API type.

Constructor of `BotInlineMessage`.

#### Details:

- Layer: 176
- ID: 8C7F65E2

#### Parameters

- `message` (`str`) – N/A
- `no_webpage` (`bool`, *optional*) – N/A
- `invert_media` (`bool`, *optional*) – N/A
- `entities` (List of `MessageEntity`, *optional*) – N/A
- `reply_markup` (`ReplyMarkup`, *optional*) – N/A

## BotInlineResult

**class** hydrogram.raw.types.BotInlineResult

Telegram API type.

Constructor of *BotInlineResult*.

### Details:

- Layer: 176
- ID: 11965F3A

### Parameters

- **id** (str) – N/A
- **type** (str) – N/A
- **send\_message** (*BotInlineMessage*) – N/A
- **title** (str, optional) – N/A
- **description** (str, optional) – N/A
- **url** (str, optional) – N/A
- **thumb** (*WebDocument*, optional) – N/A
- **content** (*WebDocument*, optional) – N/A

## BotMenuButton

**class** hydrogram.raw.types.BotMenuButton

Telegram API type.

Constructor of *BotMenuButton*.

### Details:

- Layer: 176
- ID: C7B57CE6

### Parameters

- **text** (str) – N/A
- **url** (str) – N/A

### Functions:

This object can be returned by 1 function.

*bots.GetBotMenuButton*

Telegram API function.

### BotMenuButtonCommands

**class** hydrogram.raw.types.BotMenuButtonCommands

Telegram API type.

Constructor of *BotMenuButton*.

**Details:**

- Layer: 176
- ID: 4258C205

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>bots.GetBotMenuButton</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### BotMenuButtonDefault

**class** hydrogram.raw.types.BotMenuButtonDefault

Telegram API type.

Constructor of *BotMenuButton*.

**Details:**

- Layer: 176
- ID: 7533A588

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>bots.GetBotMenuButton</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### BusinessAwayMessage

**class** hydrogram.raw.types.BusinessAwayMessage

Telegram API type.

Constructor of *BusinessAwayMessage*.

**Details:**

- Layer: 176
- ID: EF156A5C

**Parameters**



- **shortcut\_id** (int 32-bit) – N/A
- **schedule** (*BusinessAwayMessageSchedule*) – N/A
- **recipients** (*BusinessRecipients*) – N/A
- **offline\_only** (bool, *optional*) – N/A

### BusinessAwayMessageScheduleAlways

**class** hydrogram.raw.types.**BusinessAwayMessageScheduleAlways**

Telegram API type.

Constructor of *BusinessAwayMessageSchedule*.

#### Details:

- Layer: 176
- ID: C9B9E2B9

#### Parameters

No parameters required.

### BusinessAwayMessageScheduleCustom

**class** hydrogram.raw.types.**BusinessAwayMessageScheduleCustom**

Telegram API type.

Constructor of *BusinessAwayMessageSchedule*.

#### Details:

- Layer: 176
- ID: CC4D9ECC

#### Parameters

- **start\_date** (int 32-bit) – N/A
- **end\_date** (int 32-bit) – N/A

### BusinessAwayMessageScheduleOutsideWorkHours

**class** hydrogram.raw.types.**BusinessAwayMessageScheduleOutsideWorkHours**

Telegram API type.

Constructor of *BusinessAwayMessageSchedule*.

#### Details:

- Layer: 176
- ID: C3F2F501

#### Parameters

No parameters required.

## BusinessGreetingMessage

**class** hydrogram.raw.types.**BusinessGreetingMessage**

Telegram API type.

Constructor of *BusinessGreetingMessage*.

### Details:

- Layer: 176
- ID: E519ABAB

### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **recipients** (*BusinessRecipients*) – N/A
- **no\_activity\_days** (int 32-bit) – N/A

## BusinessLocation

**class** hydrogram.raw.types.**BusinessLocation**

Telegram API type.

Constructor of *BusinessLocation*.

### Details:

- Layer: 176
- ID: AC5C1AF7

### Parameters

- **address** (str) – N/A
- **geo\_point** (*GeoPoint*, optional) – N/A

## BusinessRecipients

**class** hydrogram.raw.types.**BusinessRecipients**

Telegram API type.

Constructor of *BusinessRecipients*.

### Details:

- Layer: 176
- ID: 21108FF7

### Parameters

- **existing\_chats** (bool, optional) – N/A
- **new\_chats** (bool, optional) – N/A
- **contacts** (bool, optional) – N/A
- **non\_contacts** (bool, optional) – N/A

- **exclude\_selected** (bool, *optional*) – N/A
- **users** (List of int 64-bit, *optional*) – N/A

## BusinessWeeklyOpen

**class** hydrogram.raw.types.**BusinessWeeklyOpen**

Telegram API type.

Constructor of [BusinessWeeklyOpen](#).

### Details:

- Layer: 176
- ID: 120B1AB9

### Parameters

- **start\_minute** (int 32-bit) – N/A
- **end\_minute** (int 32-bit) – N/A

## BusinessWorkHours

**class** hydrogram.raw.types.**BusinessWorkHours**

Telegram API type.

Constructor of [BusinessWorkHours](#).

### Details:

- Layer: 176
- ID: 8C92B098

### Parameters

- **timezone\_id** (str) – N/A
- **weekly\_open** (List of [BusinessWeeklyOpen](#)) – N/A
- **open\_now** (bool, *optional*) – N/A

## CdnConfig

**class** hydrogram.raw.types.**CdnConfig**

Telegram API type.

Constructor of [CdnConfig](#).

### Details:

- Layer: 176
- ID: 5725E40A

### Parameters

**public\_keys** (List of [CdnPublicKey](#)) – N/A

### Functions:

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <code>help.GetCdnConfig</code> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## CdnPublicKey

**class** hydrogram.raw.types.CdnPublicKey

Telegram API type.

Constructor of [CdnPublicKey](#).

### Details:

- Layer: 176
- ID: C982EABA

### Parameters

- **dc\_id** (int 32-bit) – N/A
- **public\_key** (str) – N/A

## Channel

**class** hydrogram.raw.types.Channel

Telegram API type.

Constructor of [Chat](#).

### Details:

- Layer: 176
- ID: AADFC8F

### Parameters

- **id** (int 64-bit) – N/A
- **title** (str) – N/A
- **photo** ([ChatPhoto](#)) – N/A
- **date** (int 32-bit) – N/A
- **creator** (bool, *optional*) – N/A
- **left** (bool, *optional*) – N/A
- **broadcast** (bool, *optional*) – N/A
- **verified** (bool, *optional*) – N/A
- **megagroup** (bool, *optional*) – N/A
- **restricted** (bool, *optional*) – N/A
- **signatures** (bool, *optional*) – N/A
- **min** (bool, *optional*) – N/A

- **scam** (bool, *optional*) – N/A
- **has\_link** (bool, *optional*) – N/A
- **has\_geo** (bool, *optional*) – N/A
- **slowmode\_enabled** (bool, *optional*) – N/A
- **call\_active** (bool, *optional*) – N/A
- **call\_not\_empty** (bool, *optional*) – N/A
- **fake** (bool, *optional*) – N/A
- **gigagroup** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **join\_to\_send** (bool, *optional*) – N/A
- **join\_request** (bool, *optional*) – N/A
- **forum** (bool, *optional*) – N/A
- **stories\_hidden** (bool, *optional*) – N/A
- **stories\_hidden\_min** (bool, *optional*) – N/A
- **stories\_unavailable** (bool, *optional*) – N/A
- **access\_hash** (int 64-bit, *optional*) – N/A
- **username** (str, *optional*) – N/A
- **restriction\_reason** (List of [RestrictionReason](#), *optional*) – N/A
- **admin\_rights** ([ChatAdminRights](#), *optional*) – N/A
- **banned\_rights** ([ChatBannedRights](#), *optional*) – N/A
- **default\_banned\_rights** ([ChatBannedRights](#), *optional*) – N/A
- **participants\_count** (int 32-bit, *optional*) – N/A
- **usernames** (List of [Username](#), *optional*) – N/A
- **stories\_max\_id** (int 32-bit, *optional*) – N/A
- **color** ([PeerColor](#), *optional*) – N/A
- **profile\_color** ([PeerColor](#), *optional*) – N/A
- **emoji\_status** ([EmojiStatus](#), *optional*) – N/A
- **level** (int 32-bit, *optional*) – N/A

## ChannelAdminLogEvent

**class** hydrogram.raw.types.ChannelAdminLogEvent

Telegram API type.

Constructor of [ChannelAdminLogEvent](#).

### Details:

- Layer: 176
- ID: 1FAD68CD

**Parameters**

- **id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **action** (*ChannelAdminLogEventAction*) – N/A

**ChannelAdminLogEventActionChangeAbout**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeAbout

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: 55188A2E

**Parameters**

- **prev\_value** (str) – N/A
- **new\_value** (str) – N/A

**ChannelAdminLogEventActionChangeAvailableReactions**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeAvailableReactions

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: BE4E0EF8

**Parameters**

- **prev\_value** (*ChatReactions*) – N/A
- **new\_value** (*ChatReactions*) – N/A

**ChannelAdminLogEventActionChangeEmojiStatus**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeEmojiStatus

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: 3EA9FEB1

**Parameters**

- **prev\_value** (*EmojiStatus*) – N/A
- **new\_value** (*EmojiStatus*) – N/A

**ChannelAdminLogEventActionChangeEmojiStickerSet**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeEmojiStickerSet

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: 46D840AB

**Parameters**

- **prev\_stickerset** (*InputStickerSet*) – N/A
- **new\_stickerset** (*InputStickerSet*) – N/A

**ChannelAdminLogEventActionChangeHistoryTTL**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeHistoryTTL

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: 6E941A38

**Parameters**

- **prev\_value** (int 32-bit) – N/A
- **new\_value** (int 32-bit) – N/A

**ChannelAdminLogEventActionChangeLinkedChat**

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeLinkedChat

Telegram API type.

Constructor of *ChannelAdminLogEventAction*.

**Details:**

- Layer: 176
- ID: 50C7AC8

**Parameters**

- **prev\_value** (int 64-bit) – N/A

- `new_value` (int 64-bit) – N/A

### ChannelAdminLogEventActionChangeLocation

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeLocation

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: E6B76AE

#### Parameters

- `prev_value` ([ChannelLocation](#)) – N/A
- `new_value` ([ChannelLocation](#)) – N/A

### ChannelAdminLogEventActionChangePeerColor

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangePeerColor

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 5796E780

#### Parameters

- `prev_value` ([PeerColor](#)) – N/A
- `new_value` ([PeerColor](#)) – N/A

### ChannelAdminLogEventActionChangePhoto

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangePhoto

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 434BD2AF

#### Parameters

- `prev_photo` ([Photo](#)) – N/A
- `new_photo` ([Photo](#)) – N/A



### ChannelAdminLogEventActionChangeProfilePeerColor

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeProfilePeerColor

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 5E477B25

#### Parameters

- **prev\_value** ([PeerColor](#)) – N/A
- **new\_value** ([PeerColor](#)) – N/A

### ChannelAdminLogEventActionChangeStickerSet

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeStickerSet

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: B1C3CAA7

#### Parameters

- **prev\_stickerset** ([InputStickerSet](#)) – N/A
- **new\_stickerset** ([InputStickerSet](#)) – N/A

### ChannelAdminLogEventActionChangeTitle

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeTitle

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: E6DFB825

#### Parameters

- **prev\_value** (str) – N/A
- **new\_value** (str) – N/A

### ChannelAdminLogEventActionChangeUsername

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeUsername

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 6A4AFC38

#### Parameters

- **prev\_value** (str) – N/A
- **new\_value** (str) – N/A

### ChannelAdminLogEventActionChangeUsernames

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeUsernames

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: F04FB3A9

#### Parameters

- **prev\_value** (List of str) – N/A
- **new\_value** (List of str) – N/A

### ChannelAdminLogEventActionChangeWallpaper

**class** hydrogram.raw.types.ChannelAdminLogEventActionChangeWallpaper

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 31BB5D52

#### Parameters

- **prev\_value** ([WallPaper](#)) – N/A
- **new\_value** ([WallPaper](#)) – N/A

### ChannelAdminLogEventActionCreateTopic

**class** hydrogram.raw.types.ChannelAdminLogEventActionCreateTopic

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 58707D28

**Parameters**

**topic** ([ForumTopic](#)) – N/A

### ChannelAdminLogEventActionDefaultBannedRights

**class** hydrogram.raw.types.ChannelAdminLogEventActionDefaultBannedRights

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 2DF5FC0A

**Parameters**

- **prev\_banned\_rights** ([ChatBannedRights](#)) – N/A
- **new\_banned\_rights** ([ChatBannedRights](#)) – N/A

### ChannelAdminLogEventActionDeleteMessage

**class** hydrogram.raw.types.ChannelAdminLogEventActionDeleteMessage

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 42E047BB

**Parameters**

**message** ([Message](#)) – N/A

### ChannelAdminLogEventActionDeleteTopic

**class** hydrogram.raw.types.ChannelAdminLogEventActionDeleteTopic

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: AE168909

**Parameters**

**topic** ([ForumTopic](#)) – N/A

### ChannelAdminLogEventActionDiscardGroupCall

**class** hydrogram.raw.types.ChannelAdminLogEventActionDiscardGroupCall

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: DB9F9140

**Parameters**

**call** ([InputGroupCall](#)) – N/A

### ChannelAdminLogEventActionEditMessage

**class** hydrogram.raw.types.ChannelAdminLogEventActionEditMessage

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 709B2405

**Parameters**

- **prev\_message** ([Message](#)) – N/A
- **new\_message** ([Message](#)) – N/A

### ChannelAdminLogEventActionEditTopic

**class** hydrogram.raw.types.ChannelAdminLogEventActionEditTopic

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: F06FE208

**Parameters**

- **prev\_topic** ([ForumTopic](#)) – N/A
- **new\_topic** ([ForumTopic](#)) – N/A

### ChannelAdminLogEventActionExportedInviteDelete

**class** hydrogram.raw.types.ChannelAdminLogEventActionExportedInviteDelete

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 5A50FCA4

**Parameters**

**invite** ([ExportedChatInvite](#)) – N/A

### ChannelAdminLogEventActionExportedInviteEdit

**class** hydrogram.raw.types.ChannelAdminLogEventActionExportedInviteEdit

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: E90EBB59

**Parameters**

- **prev\_invite** ([ExportedChatInvite](#)) – N/A
- **new\_invite** ([ExportedChatInvite](#)) – N/A

### ChannelAdminLogEventActionExportedInviteRevoke

**class** hydrogram.raw.types.ChannelAdminLogEventActionExportedInviteRevoke

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 410A134E

#### Parameters

**invite** ([ExportedChatInvite](#)) – N/A

### ChannelAdminLogEventActionParticipantInvite

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantInvite

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: E31C34D8

#### Parameters

**participant** ([ChannelParticipant](#)) – N/A

### ChannelAdminLogEventActionParticipantJoin

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantJoin

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

#### Details:

- Layer: 176
- ID: 183040D3

#### Parameters

No parameters required.

### ChannelAdminLogEventActionParticipantJoinByInvite

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantJoinByInvite

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: FE9FC158

**Parameters**

- **invite** ([ExportedChatInvite](#)) – N/A
- **via\_chatlist** (bool, *optional*) – N/A

### ChannelAdminLogEventActionParticipantJoinByRequest

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantJoinByRequest

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: AFB6144A

**Parameters**

- **invite** ([ExportedChatInvite](#)) – N/A
- **approved\_by** (int 64-bit) – N/A

### ChannelAdminLogEventActionParticipantLeave

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantLeave

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: F89777F2

**Parameters**

No parameters required.

### ChannelAdminLogEventActionParticipantMute

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantMute

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: F92424D2

**Parameters**

**participant** ([GroupCallParticipant](#)) – N/A

### ChannelAdminLogEventActionParticipantToggleAdmin

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantToggleAdmin

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: D5676710

**Parameters**

- **prev\_participant** ([ChannelParticipant](#)) – N/A
- **new\_participant** ([ChannelParticipant](#)) – N/A

### ChannelAdminLogEventActionParticipantToggleBan

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantToggleBan

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: E6D83D7E

**Parameters**

- **prev\_participant** ([ChannelParticipant](#)) – N/A
- **new\_participant** ([ChannelParticipant](#)) – N/A



### ChannelAdminLogEventActionParticipantUnmute

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantUnmute

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: E64429C0

**Parameters**

**participant** ([GroupCallParticipant](#)) – N/A

### ChannelAdminLogEventActionParticipantVolume

**class** hydrogram.raw.types.ChannelAdminLogEventActionParticipantVolume

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 3E7F6847

**Parameters**

**participant** ([GroupCallParticipant](#)) – N/A

### ChannelAdminLogEventActionPinTopic

**class** hydrogram.raw.types.ChannelAdminLogEventActionPinTopic

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 5D8D353B

**Parameters**

- **prev\_topic** ([ForumTopic](#), *optional*) – N/A
- **new\_topic** ([ForumTopic](#), *optional*) – N/A

### ChannelAdminLogEventActionSendMessage

**class** hydrogram.raw.types.ChannelAdminLogEventActionSendMessage

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 278F2868

**Parameters**

**message** ([Message](#)) – N/A

### ChannelAdminLogEventActionStartGroupCall

**class** hydrogram.raw.types.ChannelAdminLogEventActionStartGroupCall

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 23209745

**Parameters**

**call** ([InputGroupCall](#)) – N/A

### ChannelAdminLogEventActionStopPoll

**class** hydrogram.raw.types.ChannelAdminLogEventActionStopPoll

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 8F079643

**Parameters**

**message** ([Message](#)) – N/A

### ChannelAdminLogEventActionToggleAntiSpam

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleAntiSpam

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 64F36DFC

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionToggleForum

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleForum

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 2CC6383

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionToggleGroupCallSetting

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleGroupCallSetting

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 56D6A247

**Parameters**

**join\_muted** (bool) – N/A

### ChannelAdminLogEventActionToggleInvites

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleInvites

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 1B7907AE

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionToggleNoForwards

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleNoForwards

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: CB2AC766

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionTogglePreHistoryHidden

**class** hydrogram.raw.types.ChannelAdminLogEventActionTogglePreHistoryHidden

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 5F5C95F1

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionToggleSignatures

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleSignatures

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 26AE0971

**Parameters**

**new\_value** (bool) – N/A

### ChannelAdminLogEventActionToggleSlowMode

**class** hydrogram.raw.types.ChannelAdminLogEventActionToggleSlowMode

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: 53909779

**Parameters**

- **prev\_value** (int 32-bit) – N/A
- **new\_value** (int 32-bit) – N/A

### ChannelAdminLogEventActionUpdatePinned

**class** hydrogram.raw.types.ChannelAdminLogEventActionUpdatePinned

Telegram API type.

Constructor of [ChannelAdminLogEventAction](#).

**Details:**

- Layer: 176
- ID: E9E82C18

**Parameters**

**message** ([Message](#)) – N/A

## ChannelAdminLogEventsFilter

**class** hydrogram.raw.types.ChannelAdminLogEventsFilter

Telegram API type.

Constructor of [ChannelAdminLogEventsFilter](#).

### Details:

- Layer: 176
- ID: EA107AE4

### Parameters

- **join** (*bool, optional*) – N/A
- **leave** (*bool, optional*) – N/A
- **invite** (*bool, optional*) – N/A
- **ban** (*bool, optional*) – N/A
- **unban** (*bool, optional*) – N/A
- **kick** (*bool, optional*) – N/A
- **unkick** (*bool, optional*) – N/A
- **promote** (*bool, optional*) – N/A
- **demote** (*bool, optional*) – N/A
- **info** (*bool, optional*) – N/A
- **settings** (*bool, optional*) – N/A
- **pinned** (*bool, optional*) – N/A
- **edit** (*bool, optional*) – N/A
- **delete** (*bool, optional*) – N/A
- **group\_call** (*bool, optional*) – N/A
- **invites** (*bool, optional*) – N/A
- **send** (*bool, optional*) – N/A
- **forums** (*bool, optional*) – N/A

## ChannelForbidden

**class** hydrogram.raw.types.ChannelForbidden

Telegram API type.

Constructor of [Chat](#).

### Details:

- Layer: 176
- ID: 17D493D5

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **title** (str) – N/A
- **broadcast** (bool, *optional*) – N/A
- **megagroup** (bool, *optional*) – N/A
- **until\_date** (int 32-bit, *optional*) – N/A

## ChannelFull

**class** hydrogram.raw.types.**ChannelFull**

Telegram API type.

Constructor of [ChatFull](#).

### Details:

- Layer: 176
- ID: 44C054A7

### Parameters

- **id** (int 64-bit) – N/A
- **about** (str) – N/A
- **read\_inbox\_max\_id** (int 32-bit) – N/A
- **read\_outbox\_max\_id** (int 32-bit) – N/A
- **unread\_count** (int 32-bit) – N/A
- **chat\_photo** ([Photo](#)) – N/A
- **notify\_settings** ([PeerNotifySettings](#)) – N/A
- **bot\_info** (List of [BotInfo](#)) – N/A
- **pts** (int 32-bit) – N/A
- **can\_view\_participants** (bool, *optional*) – N/A
- **can\_set\_username** (bool, *optional*) – N/A
- **can\_set\_stickers** (bool, *optional*) – N/A
- **hidden\_prehistory** (bool, *optional*) – N/A
- **can\_set\_location** (bool, *optional*) – N/A
- **has\_scheduled** (bool, *optional*) – N/A
- **can\_view\_stats** (bool, *optional*) – N/A
- **blocked** (bool, *optional*) – N/A
- **can\_delete\_channel** (bool, *optional*) – N/A
- **antispam** (bool, *optional*) – N/A
- **participants\_hidden** (bool, *optional*) – N/A
- **translations\_disabled** (bool, *optional*) – N/A

- **stories\_pinned\_available** (bool, *optional*) – N/A
- **view\_forum\_as\_messages** (bool, *optional*) – N/A
- **participants\_count** (int 32-bit, *optional*) – N/A
- **admins\_count** (int 32-bit, *optional*) – N/A
- **kicked\_count** (int 32-bit, *optional*) – N/A
- **banned\_count** (int 32-bit, *optional*) – N/A
- **online\_count** (int 32-bit, *optional*) – N/A
- **exported\_invite** ([ExportedChatInvite](#), *optional*) – N/A
- **migrated\_from\_chat\_id** (int 64-bit, *optional*) – N/A
- **migrated\_from\_max\_id** (int 32-bit, *optional*) – N/A
- **pinned\_msg\_id** (int 32-bit, *optional*) – N/A
- **stickerset** ([StickerSet](#), *optional*) – N/A
- **available\_min\_id** (int 32-bit, *optional*) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A
- **linked\_chat\_id** (int 64-bit, *optional*) – N/A
- **location** ([ChannelLocation](#), *optional*) – N/A
- **slowmode\_seconds** (int 32-bit, *optional*) – N/A
- **slowmode\_next\_send\_date** (int 32-bit, *optional*) – N/A
- **stats\_dc** (int 32-bit, *optional*) – N/A
- **call** ([InputGroupCall](#), *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A
- **pending\_suggestions** (List of str, *optional*) – N/A
- **groupcall\_default\_join\_as** ([Peer](#), *optional*) – N/A
- **theme\_emoticon** (str, *optional*) – N/A
- **requests\_pending** (int 32-bit, *optional*) – N/A
- **recent\_requesters** (List of int 64-bit, *optional*) – N/A
- **default\_send\_as** ([Peer](#), *optional*) – N/A
- **available\_reactions** ([ChatReactions](#), *optional*) – N/A
- **stories** ([PeerStories](#), *optional*) – N/A
- **wallpaper** ([WallPaper](#), *optional*) – N/A
- **boosts\_applied** (int 32-bit, *optional*) – N/A
- **boosts\_unrestrict** (int 32-bit, *optional*) – N/A
- **emojiset** ([StickerSet](#), *optional*) – N/A



## ChannelLocation

**class** hydrogram.raw.types.ChannelLocation

Telegram API type.

Constructor of [ChannelLocation](#).

### Details:

- Layer: 176
- ID: 209B82DB

### Parameters

- **geo\_point** ([GeoPoint](#)) – N/A
- **address** (str) – N/A

## ChannelLocationEmpty

**class** hydrogram.raw.types.ChannelLocationEmpty

Telegram API type.

Constructor of [ChannelLocation](#).

### Details:

- Layer: 176
- ID: BFB5AD8B

### Parameters

No parameters required.

## ChannelMessagesFilter

**class** hydrogram.raw.types.ChannelMessagesFilter

Telegram API type.

Constructor of [ChannelMessagesFilter](#).

### Details:

- Layer: 176
- ID: CD77D957

### Parameters

- **ranges** (List of [MessageRange](#)) – N/A
- **exclude\_new\_messages** (bool, *optional*) – N/A

### ChannelMessagesFilterEmpty

**class** hydrogram.raw.types.ChannelMessagesFilterEmpty

Telegram API type.

Constructor of [ChannelMessagesFilter](#).

**Details:**

- Layer: 176
- ID: 94D42EE7

**Parameters**

No parameters required.

### ChannelParticipant

**class** hydrogram.raw.types.ChannelParticipant

Telegram API type.

Constructor of [ChannelParticipant](#).

**Details:**

- Layer: 176
- ID: C00C07C0

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A

### ChannelParticipantAdmin

**class** hydrogram.raw.types.ChannelParticipantAdmin

Telegram API type.

Constructor of [ChannelParticipant](#).

**Details:**

- Layer: 176
- ID: 34C3BB53

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **promoted\_by** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_rights** ([ChatAdminRights](#)) – N/A
- **can\_edit** (bool, *optional*) – N/A
- **is\_self** (bool, *optional*) – N/A

- **inviter\_id** (int 64-bit, *optional*) – N/A
- **rank** (str, *optional*) – N/A

### ChannelParticipantBanned

**class** hydrogram.raw.types.ChannelParticipantBanned

Telegram API type.

Constructor of [ChannelParticipant](#).

#### Details:

- Layer: 176
- ID: 6DF8014E

#### Parameters

- **peer** ([Peer](#)) – N/A
- **kicked\_by** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **banned\_rights** ([ChatBannedRights](#)) – N/A
- **left** (bool, *optional*) – N/A

### ChannelParticipantCreator

**class** hydrogram.raw.types.ChannelParticipantCreator

Telegram API type.

Constructor of [ChannelParticipant](#).

#### Details:

- Layer: 176
- ID: 2FE601D3

#### Parameters

- **user\_id** (int 64-bit) – N/A
- **admin\_rights** ([ChatAdminRights](#)) – N/A
- **rank** (str, *optional*) – N/A

### ChannelParticipantLeft

**class** hydrogram.raw.types.ChannelParticipantLeft

Telegram API type.

Constructor of [ChannelParticipant](#).

#### Details:

- Layer: 176
- ID: 1B03F006

**Parameters**

**peer** (*Peer*) – N/A

### ChannelParticipantSelf

**class** hydrogram.raw.types.ChannelParticipantSelf

Telegram API type.

Constructor of *ChannelParticipant*.

**Details:**

- Layer: 176
- ID: 35A8BFA7

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **inviter\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **via\_request** (bool, *optional*) – N/A

### ChannelParticipantsAdmins

**class** hydrogram.raw.types.ChannelParticipantsAdmins

Telegram API type.

Constructor of *ChannelParticipantsFilter*.

**Details:**

- Layer: 176
- ID: B4608969

**Parameters**

No parameters required.

### ChannelParticipantsBanned

**class** hydrogram.raw.types.ChannelParticipantsBanned

Telegram API type.

Constructor of *ChannelParticipantsFilter*.

**Details:**

- Layer: 176
- ID: 1427A5E1

**Parameters**

**q** (str) – N/A

### ChannelParticipantsBots

**class** hydrogram.raw.types.ChannelParticipantsBots

Telegram API type.

Constructor of *ChannelParticipantsFilter*.

**Details:**

- Layer: 176
- ID: B0D1865B

**Parameters**

No parameters required.

### ChannelParticipantsContacts

**class** hydrogram.raw.types.ChannelParticipantsContacts

Telegram API type.

Constructor of *ChannelParticipantsFilter*.

**Details:**

- Layer: 176
- ID: BB6AE88D

**Parameters**

**q** (str) – N/A

### ChannelParticipantsKicked

**class** hydrogram.raw.types.ChannelParticipantsKicked

Telegram API type.

Constructor of *ChannelParticipantsFilter*.

**Details:**

- Layer: 176
- ID: A3B54985

**Parameters**

**q** (str) – N/A

### ChannelParticipantsMentions

**class** hydrogram.raw.types.ChannelParticipantsMentions

Telegram API type.

Constructor of [ChannelParticipantsFilter](#).

**Details:**

- Layer: 176
- ID: E04B5CEB

**Parameters**

- **q** (str, *optional*) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

### ChannelParticipantsRecent

**class** hydrogram.raw.types.ChannelParticipantsRecent

Telegram API type.

Constructor of [ChannelParticipantsFilter](#).

**Details:**

- Layer: 176
- ID: DE3F3C79

**Parameters**

No parameters required.

### ChannelParticipantsSearch

**class** hydrogram.raw.types.ChannelParticipantsSearch

Telegram API type.

Constructor of [ChannelParticipantsFilter](#).

**Details:**

- Layer: 176
- ID: 656AC4B

**Parameters**

**q** (str) – N/A

## Chat

**class** hydrogram.raw.types.Chat

Telegram API type.

Constructor of [Chat](#).

### Details:

- Layer: 176
- ID: 41CBF256

### Parameters

- **id** (int 64-bit) – N/A
- **title** (str) – N/A
- **photo** ([ChatPhoto](#)) – N/A
- **participants\_count** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **version** (int 32-bit) – N/A
- **creator** (bool, *optional*) – N/A
- **left** (bool, *optional*) – N/A
- **deactivated** (bool, *optional*) – N/A
- **call\_active** (bool, *optional*) – N/A
- **call\_not\_empty** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **migrated\_to** ([InputChannel](#), *optional*) – N/A
- **admin\_rights** ([ChatAdminRights](#), *optional*) – N/A
- **default\_banned\_rights** ([ChatBannedRights](#), *optional*) – N/A

## ChatAdminRights

**class** hydrogram.raw.types.ChatAdminRights

Telegram API type.

Constructor of [ChatAdminRights](#).

### Details:

- Layer: 176
- ID: 5FB224D5

### Parameters

- **change\_info** (bool, *optional*) – N/A
- **post\_messages** (bool, *optional*) – N/A
- **edit\_messages** (bool, *optional*) – N/A

- **delete\_messages** (bool, *optional*) – N/A
- **ban\_users** (bool, *optional*) – N/A
- **invite\_users** (bool, *optional*) – N/A
- **pin\_messages** (bool, *optional*) – N/A
- **add\_admins** (bool, *optional*) – N/A
- **anonymous** (bool, *optional*) – N/A
- **manage\_call** (bool, *optional*) – N/A
- **other** (bool, *optional*) – N/A
- **manage\_topics** (bool, *optional*) – N/A
- **post\_stories** (bool, *optional*) – N/A
- **edit\_stories** (bool, *optional*) – N/A
- **delete\_stories** (bool, *optional*) – N/A

### ChatAdminWithInvites

**class** hydrogram.raw.types.**ChatAdminWithInvites**

Telegram API type.

Constructor of [ChatAdminWithInvites](#).

#### Details:

- Layer: 176
- ID: F2ECEF23

#### Parameters

- **admin\_id** (int 64-bit) – N/A
- **invites\_count** (int 32-bit) – N/A
- **revoked\_invites\_count** (int 32-bit) – N/A

### ChatBannedRights

**class** hydrogram.raw.types.**ChatBannedRights**

Telegram API type.

Constructor of [ChatBannedRights](#).

#### Details:

- Layer: 176
- ID: 9F120418

#### Parameters

- **until\_date** (int 32-bit) – N/A
- **view\_messages** (bool, *optional*) – N/A
- **send\_messages** (bool, *optional*) – N/A



- **send\_media** (bool, *optional*) – N/A
- **send\_stickers** (bool, *optional*) – N/A
- **send\_gifs** (bool, *optional*) – N/A
- **send\_games** (bool, *optional*) – N/A
- **send\_inline** (bool, *optional*) – N/A
- **embed\_links** (bool, *optional*) – N/A
- **send\_polls** (bool, *optional*) – N/A
- **change\_info** (bool, *optional*) – N/A
- **invite\_users** (bool, *optional*) – N/A
- **pin\_messages** (bool, *optional*) – N/A
- **manage\_topics** (bool, *optional*) – N/A
- **send\_photos** (bool, *optional*) – N/A
- **send\_videos** (bool, *optional*) – N/A
- **send\_roundvideos** (bool, *optional*) – N/A
- **send\_audios** (bool, *optional*) – N/A
- **send\_voices** (bool, *optional*) – N/A
- **send\_docs** (bool, *optional*) – N/A
- **send\_plain** (bool, *optional*) – N/A

## ChatEmpty

**class** hydrogram.raw.types.**ChatEmpty**

Telegram API type.

Constructor of [Chat](#).

### Details:

- Layer: 176
- ID: 29562865

### Parameters

**id** (int 64-bit) – N/A

## ChatForbidden

**class** hydrogram.raw.types.**ChatForbidden**

Telegram API type.

Constructor of [Chat](#).

### Details:

- Layer: 176
- ID: 6592A1A7

**Parameters**

- **id** (int 64-bit) – N/A
- **title** (str) – N/A

**ChatFull**

**class** hydrogram.raw.types.**ChatFull**

Telegram API type.

Constructor of [ChatFull](#).

**Details:**

- Layer: 176
- ID: C9D31138

**Parameters**

- **id** (int 64-bit) – N/A
- **about** (str) – N/A
- **participants** ([ChatParticipants](#)) – N/A
- **notify\_settings** ([PeerNotifySettings](#)) – N/A
- **can\_set\_username** (bool, *optional*) – N/A
- **has\_scheduled** (bool, *optional*) – N/A
- **translations\_disabled** (bool, *optional*) – N/A
- **chat\_photo** ([Photo](#), *optional*) – N/A
- **exported\_invite** ([ExportedChatInvite](#), *optional*) – N/A
- **bot\_info** (List of [BotInfo](#), *optional*) – N/A
- **pinned\_msg\_id** (int 32-bit, *optional*) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A
- **call** ([InputGroupCall](#), *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A
- **groupcall\_default\_join\_as** ([Peer](#), *optional*) – N/A
- **theme\_emoticon** (str, *optional*) – N/A
- **requests\_pending** (int 32-bit, *optional*) – N/A
- **recent\_requesters** (List of int 64-bit, *optional*) – N/A
- **available\_reactions** ([ChatReactions](#), *optional*) – N/A

## ChatInvite

**class** hydrogram.raw.types.ChatInvite

Telegram API type.

Constructor of [ChatInvite](#).

### Details:

- Layer: 176
- ID: CDE0EC40

### Parameters

- **title** (str) – N/A
- **photo** ([Photo](#)) – N/A
- **participants\_count** (int 32-bit) – N/A
- **color** (int 32-bit) – N/A
- **channel** (bool, *optional*) – N/A
- **broadcast** (bool, *optional*) – N/A
- **public** (bool, *optional*) – N/A
- **megagroup** (bool, *optional*) – N/A
- **request\_needed** (bool, *optional*) – N/A
- **verified** (bool, *optional*) – N/A
- **scam** (bool, *optional*) – N/A
- **fake** (bool, *optional*) – N/A
- **about** (str, *optional*) – N/A
- **participants** (List of [User](#), *optional*) – N/A

### Functions:

This object can be returned by 1 function.

[messages.CheckChatInvite](#)

Telegram API function.

## ChatInviteAlready

**class** hydrogram.raw.types.ChatInviteAlready

Telegram API type.

Constructor of [ChatInvite](#).

### Details:

- Layer: 176
- ID: 5A686D7C

### Parameters

- **chat** ([Chat](#)) – N/A

**Functions:**

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <code>messages.CheckChatInvite</code> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**ChatInviteExported**

**class** hydrogram.raw.types.ChatInviteExported

Telegram API type.

Constructor of [ExportedChatInvite](#).

**Details:**

- Layer: 176
- ID: AB4A819

**Parameters**

- **link** (str) – N/A
- **admin\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **revoked** (bool, *optional*) – N/A
- **permanent** (bool, *optional*) – N/A
- **request\_needed** (bool, *optional*) – N/A
- **start\_date** (int 32-bit, *optional*) – N/A
- **expire\_date** (int 32-bit, *optional*) – N/A
- **usage\_limit** (int 32-bit, *optional*) – N/A
- **usage** (int 32-bit, *optional*) – N/A
- **requested** (int 32-bit, *optional*) – N/A
- **title** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>messages.ExportChatInvite</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ChatInviteImporter

**class** hydrogram.raw.types.ChatInviteImporter

Telegram API type.

Constructor of [ChatInviteImporter](#).

### Details:

- Layer: 176
- ID: 8C5ADFD9

### Parameters

- **user\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **requested** (bool, *optional*) – N/A
- **via\_chatlist** (bool, *optional*) – N/A
- **about** (str, *optional*) – N/A
- **approved\_by** (int 64-bit, *optional*) – N/A

## ChatInvitePeek

**class** hydrogram.raw.types.ChatInvitePeek

Telegram API type.

Constructor of [ChatInvite](#).

### Details:

- Layer: 176
- ID: 61695CB0

### Parameters

- **chat** ([Chat](#)) – N/A
- **expires** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                       |
|---------------------------------------|
| <code>messages.CheckChatInvite</code> |
|---------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ChatInvitePublicJoinRequests

**class** hydrogram.raw.types.ChatInvitePublicJoinRequests

Telegram API type.

Constructor of [ExportedChatInvite](#).

### Details:

- Layer: 176
- ID: ED107AB7

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <a href="#">messages.ExportChatInvite</a> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ChatOnlines

**class** hydrogram.raw.types.ChatOnlines

Telegram API type.

Constructor of [ChatOnlines](#).

### Details:

- Layer: 176
- ID: F041E250

### Parameters

**onlines** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                     |
|-------------------------------------|
| <a href="#">messages.GetOnlines</a> |
|-------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ChatParticipant

**class** hydrogram.raw.types.ChatParticipant

Telegram API type.

Constructor of [ChatParticipant](#).

### Details:

- Layer: 176
- ID: C02D4007

### Parameters

- **user\_id** (int 64-bit) – N/A
- **inviter\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A

### ChatParticipantAdmin

**class** hydrogram.raw.types.ChatParticipantAdmin

Telegram API type.

Constructor of [ChatParticipant](#).

#### Details:

- Layer: 176
- ID: A0933F5B

#### Parameters

- **user\_id** (int 64-bit) – N/A
- **inviter\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A

### ChatParticipantCreator

**class** hydrogram.raw.types.ChatParticipantCreator

Telegram API type.

Constructor of [ChatParticipant](#).

#### Details:

- Layer: 176
- ID: E46BCEE4

#### Parameters

**user\_id** (int 64-bit) – N/A

### ChatParticipants

**class** hydrogram.raw.types.ChatParticipants

Telegram API type.

Constructor of [ChatParticipants](#).

#### Details:

- Layer: 176
- ID: 3CBC93F8

#### Parameters

- **chat\_id** (int 64-bit) – N/A
- **participants** (List of [ChatParticipant](#)) – N/A

- **version** (int 32-bit) – N/A

### ChatParticipantsForbidden

**class** hydrogram.raw.types.ChatParticipantsForbidden

Telegram API type.

Constructor of [ChatParticipants](#).

#### Details:

- Layer: 176
- ID: 8763D3E1

#### Parameters

- **chat\_id** (int 64-bit) – N/A
- **self\_participant** ([ChatParticipant](#), *optional*) – N/A

### ChatPhoto

**class** hydrogram.raw.types.ChatPhoto

Telegram API type.

Constructor of [ChatPhoto](#).

#### Details:

- Layer: 176
- ID: 1C6E1C11

#### Parameters

- **photo\_id** (int 64-bit) – N/A
- **dc\_id** (int 32-bit) – N/A
- **has\_video** (bool, *optional*) – N/A
- **stripped\_thumb** (bytes, *optional*) – N/A

### ChatPhotoEmpty

**class** hydrogram.raw.types.ChatPhotoEmpty

Telegram API type.

Constructor of [ChatPhoto](#).

#### Details:

- Layer: 176
- ID: 37C1011C

#### Parameters

No parameters required.



### ChatReactionsAll

**class** hydrogram.raw.types.ChatReactionsAll

Telegram API type.

Constructor of [ChatReactions](#).

**Details:**

- Layer: 176
- ID: 52928BCA

**Parameters**

**allow\_custom** (bool, *optional*) – N/A

### ChatReactionsNone

**class** hydrogram.raw.types.ChatReactionsNone

Telegram API type.

Constructor of [ChatReactions](#).

**Details:**

- Layer: 176
- ID: EAF32BC

**Parameters**

No parameters required.

### ChatReactionsSome

**class** hydrogram.raw.types.ChatReactionsSome

Telegram API type.

Constructor of [ChatReactions](#).

**Details:**

- Layer: 176
- ID: 661D4037

**Parameters**

**reactions** (List of [Reaction](#)) – N/A

## ClientDHInnerData

**class** hydrogram.raw.types.ClientDHInnerData

Telegram API type.

Constructor of [ClientDHInnerData](#).

### Details:

- Layer: 176
- ID: 6643B654

### Parameters

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **retry\_id** (int 64-bit) – N/A
- **g\_b** (bytes) – N/A

## CodeSettings

**class** hydrogram.raw.types.CodeSettings

Telegram API type.

Constructor of [CodeSettings](#).

### Details:

- Layer: 176
- ID: AD253D78

### Parameters

- **allow\_flashcall** (bool, *optional*) – N/A
- **current\_number** (bool, *optional*) – N/A
- **allow\_app\_hash** (bool, *optional*) – N/A
- **allow\_missed\_call** (bool, *optional*) – N/A
- **allow\_firebase** (bool, *optional*) – N/A
- **logout\_tokens** (List of bytes, *optional*) – N/A
- **token** (str, *optional*) – N/A
- **app\_sandbox** (bool, *optional*) – N/A

## Config

**class** hydrogram.raw.types.**Config**

Telegram API type.

Constructor of [Config](#).

### Details:

- Layer: 176
- ID: CC1A241E

### Parameters

- **date** (int 32-bit) – N/A
- **expires** (int 32-bit) – N/A
- **test\_mode** (bool) – N/A
- **this\_dc** (int 32-bit) – N/A
- **dc\_options** (List of [DcOption](#)) – N/A
- **dc\_txt\_domain\_name** (str) – N/A
- **chat\_size\_max** (int 32-bit) – N/A
- **megagroup\_size\_max** (int 32-bit) – N/A
- **forwarded\_count\_max** (int 32-bit) – N/A
- **online\_update\_period\_ms** (int 32-bit) – N/A
- **offline\_blur\_timeout\_ms** (int 32-bit) – N/A
- **offline\_idle\_timeout\_ms** (int 32-bit) – N/A
- **online\_cloud\_timeout\_ms** (int 32-bit) – N/A
- **notify\_cloud\_delay\_ms** (int 32-bit) – N/A
- **notify\_default\_delay\_ms** (int 32-bit) – N/A
- **push\_chat\_period\_ms** (int 32-bit) – N/A
- **push\_chat\_limit** (int 32-bit) – N/A
- **edit\_time\_limit** (int 32-bit) – N/A
- **revoke\_time\_limit** (int 32-bit) – N/A
- **revoke\_pm\_time\_limit** (int 32-bit) – N/A
- **rating\_e\_decay** (int 32-bit) – N/A
- **stickers\_recent\_limit** (int 32-bit) – N/A
- **channels\_read\_media\_period** (int 32-bit) – N/A
- **call\_receive\_timeout\_ms** (int 32-bit) – N/A
- **call\_ring\_timeout\_ms** (int 32-bit) – N/A
- **call\_connect\_timeout\_ms** (int 32-bit) – N/A
- **call\_packet\_timeout\_ms** (int 32-bit) – N/A
- **me\_url\_prefix** (str) – N/A

- **caption\_length\_max** (int 32-bit) – N/A
- **message\_length\_max** (int 32-bit) – N/A
- **webfile\_dc\_id** (int 32-bit) – N/A
- **default\_p2p\_contacts** (bool, *optional*) – N/A
- **preload\_featured\_stickers** (bool, *optional*) – N/A
- **revoke\_pm\_inbox** (bool, *optional*) – N/A
- **blocked\_mode** (bool, *optional*) – N/A
- **force\_try\_ipv6** (bool, *optional*) – N/A
- **tmp\_sessions** (int 32-bit, *optional*) – N/A
- **autoupdate\_url\_prefix** (str, *optional*) – N/A
- **gif\_search\_username** (str, *optional*) – N/A
- **venue\_search\_username** (str, *optional*) – N/A
- **img\_search\_username** (str, *optional*) – N/A
- **static\_maps\_provider** (str, *optional*) – N/A
- **suggested\_lang\_code** (str, *optional*) – N/A
- **lang\_pack\_version** (int 32-bit, *optional*) – N/A
- **base\_lang\_pack\_version** (int 32-bit, *optional*) – N/A
- **reactions\_default** ([Reaction](#), *optional*) – N/A
- **autologin\_token** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <a href="#">help.GetConfig</a> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**ConnectedBot**

**class** hydrogram.raw.types.ConnectedBot

Telegram API type.

Constructor of [ConnectedBot](#).

**Details:**

- Layer: 176
- ID: E7E999E7

**Parameters**

- **bot\_id** (int 64-bit) – N/A
- **recipients** ([BusinessRecipients](#)) – N/A
- **can\_reply** (bool, *optional*) – N/A

## Contact

**class** hydrogram.raw.types.Contact

Telegram API type.

Constructor of [Contact](#).

### Details:

- Layer: 176
- ID: 145ADE0B

### Parameters

- **user\_id** (int 64-bit) – N/A
- **mutual** (bool) – N/A

## ContactStatus

**class** hydrogram.raw.types.ContactStatus

Telegram API type.

Constructor of [ContactStatus](#).

### Details:

- Layer: 176
- ID: 16D9703B

### Parameters

- **user\_id** (int 64-bit) – N/A
- **status** ([UserStatus](#)) – N/A

### Functions:

This object can be returned by 1 function.

[contacts.GetStatuses](#)

Telegram API function.

## DataJSON

**class** hydrogram.raw.types.DataJSON

Telegram API type.

Constructor of [DataJSON](#).

### Details:

- Layer: 176
- ID: 7D748D04

### Parameters

- **data** (str) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <code><i>bots.SendCustomRequest</i></code>         | Telegram API function. |
| <code><i>bots.InvokeWebViewCustomMethod</i></code> | Telegram API function. |
| <code><i>phone.GetCallConfig</i></code>            | Telegram API function. |

**DcOption**

**class** hydrogram.raw.types.DcOption

Telegram API type.

Constructor of *DcOption*.

**Details:**

- Layer: 176
- ID: 18B7A10D

**Parameters**

- **id** (int 32-bit) – N/A
- **ip\_address** (str) – N/A
- **port** (int 32-bit) – N/A
- **ipv6** (bool, *optional*) – N/A
- **media\_only** (bool, *optional*) – N/A
- **tcpo\_only** (bool, *optional*) – N/A
- **cdn** (bool, *optional*) – N/A
- **static** (bool, *optional*) – N/A
- **this\_port\_only** (bool, *optional*) – N/A
- **secret** (bytes, *optional*) – N/A

**DefaultHistoryTTL**

**class** hydrogram.raw.types.DefaultHistoryTTL

Telegram API type.

Constructor of *DefaultHistoryTTL*.

**Details:**

- Layer: 176
- ID: 43B46B20

**Parameters**

- **period** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <i>messages.GetDefaultHistoryTTL</i> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**DestroyAuthKeyFail**

**class** hydrogram.raw.types.DestroyAuthKeyFail

Telegram API type.

Constructor of *DestroyAuthKeyRes*.

**Details:**

- Layer: 176
- ID: EA109B13

**Parameters**

**No parameters required.**

**Functions:**

This object can be returned by 1 function.

|                       |
|-----------------------|
| <i>DestroyAuthKey</i> |
|-----------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**DestroyAuthKeyNone**

**class** hydrogram.raw.types.DestroyAuthKeyNone

Telegram API type.

Constructor of *DestroyAuthKeyRes*.

**Details:**

- Layer: 176
- ID: 0A9F2259

**Parameters**

**No parameters required.**

**Functions:**

This object can be returned by 1 function.

|                       |
|-----------------------|
| <i>DestroyAuthKey</i> |
|-----------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## DestroyAuthKeyOk

**class** hydrogram.raw.types.DestroyAuthKeyOk

Telegram API type.

Constructor of [DestroyAuthKeyRes](#).

### Details:

- Layer: 176
- ID: F660E1D4

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <a href="#">DestroyAuthKey</a> | Telegram API function. |
|--------------------------------|------------------------|

## DestroySessionNone

**class** hydrogram.raw.types.DestroySessionNone

Telegram API type.

Constructor of [DestroySessionRes](#).

### Details:

- Layer: 176
- ID: 62D350C9

### Parameters

`session_id` (int 64-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <a href="#">DestroySession</a> | Telegram API function. |
|--------------------------------|------------------------|

## DestroySessionOk

**class** hydrogram.raw.types.DestroySessionOk

Telegram API type.

Constructor of [DestroySessionRes](#).

### Details:

- Layer: 176
- ID: E22045FC



**Parameters**

**session\_id** (int 64-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                       |                        |
|-----------------------|------------------------|
| <i>DestroySession</i> | Telegram API function. |
|-----------------------|------------------------|

**DhGenFail**

**class** hydrogram.raw.types.DhGenFail

Telegram API type.

Constructor of *SetClientDHPParamsAnswer*.

**Details:**

- Layer: 176
- ID: A69DAE02

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce\_hash3** (int 128-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                           |                        |
|---------------------------|------------------------|
| <i>SetClientDHPParams</i> | Telegram API function. |
|---------------------------|------------------------|

**DhGenOk**

**class** hydrogram.raw.types.DhGenOk

Telegram API type.

Constructor of *SetClientDHPParamsAnswer*.

**Details:**

- Layer: 176
- ID: 3BCBF734

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce\_hash1** (int 128-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                           |
|---------------------------|
| <i>SetClientDHPparams</i> |
|---------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**DhGenRetry**

**class** hydrogram.raw.types.DhGenRetry

Telegram API type.

Constructor of *SetClientDHPparamsAnswer*.

**Details:**

- Layer: 176
- ID: 46DC1FB9

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce\_hash2** (int 128-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                           |
|---------------------------|
| <i>SetClientDHPparams</i> |
|---------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Dialog**

**class** hydrogram.raw.types.Dialog

Telegram API type.

Constructor of *Dialog*.

**Details:**

- Layer: 176
- ID: D58A08C6

**Parameters**

- **peer** (*Peer*) – N/A
- **top\_message** (int 32-bit) – N/A
- **read\_inbox\_max\_id** (int 32-bit) – N/A
- **read\_outbox\_max\_id** (int 32-bit) – N/A
- **unread\_count** (int 32-bit) – N/A
- **unread\_mentions\_count** (int 32-bit) – N/A
- **unread\_reactions\_count** (int 32-bit) – N/A

- **notify\_settings** (*PeerNotifySettings*) – N/A
- **pinned** (bool, *optional*) – N/A
- **unread\_mark** (bool, *optional*) – N/A
- **view\_forum\_as\_messages** (bool, *optional*) – N/A
- **pts** (int 32-bit, *optional*) – N/A
- **draft** (*DraftMessage*, *optional*) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

## DialogFilter

**class** hydrogram.raw.types.DialogFilter

Telegram API type.

Constructor of *DialogFilter*.

### Details:

- Layer: 176
- ID: 5FB5523B

### Parameters

- **id** (int 32-bit) – N/A
- **title** (str) – N/A
- **pinned\_peers** (List of *InputPeer*) – N/A
- **include\_peers** (List of *InputPeer*) – N/A
- **exclude\_peers** (List of *InputPeer*) – N/A
- **contacts** (bool, *optional*) – N/A
- **non\_contacts** (bool, *optional*) – N/A
- **groups** (bool, *optional*) – N/A
- **broadcasts** (bool, *optional*) – N/A
- **bots** (bool, *optional*) – N/A
- **exclude\_muted** (bool, *optional*) – N/A
- **exclude\_read** (bool, *optional*) – N/A
- **exclude\_archived** (bool, *optional*) – N/A
- **emoticon** (str, *optional*) – N/A
- **color** (int 32-bit, *optional*) – N/A

### DialogFilterChatlist

**class** hydrogram.raw.types.DialogFilterChatlist

Telegram API type.

Constructor of *DialogFilter*.

#### Details:

- Layer: 176
- ID: 9FE28EA4

#### Parameters

- **id** (int 32-bit) – N/A
- **title** (str) – N/A
- **pinned\_peers** (List of *InputPeer*) – N/A
- **include\_peers** (List of *InputPeer*) – N/A
- **has\_my\_invites** (bool, *optional*) – N/A
- **emoticon** (str, *optional*) – N/A
- **color** (int 32-bit, *optional*) – N/A

### DialogFilterDefault

**class** hydrogram.raw.types.DialogFilterDefault

Telegram API type.

Constructor of *DialogFilter*.

#### Details:

- Layer: 176
- ID: 363293AE

#### Parameters

No parameters required.

### DialogFilterSuggested

**class** hydrogram.raw.types.DialogFilterSuggested

Telegram API type.

Constructor of *DialogFilterSuggested*.

#### Details:

- Layer: 176
- ID: 77744D4A

#### Parameters

- **filter** (*DialogFilter*) – N/A

- **description** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.GetSuggestedDialogFilters</code> | Telegram API function. |
|---|------------------------|

**DialogFolder**

**class** hydrogram.raw.types.DialogFolder

Telegram API type.

Constructor of *Dialog*.

**Details:**

- Layer: 176
- ID: 71BD134C

**Parameters**

- **folder** (*Folder*) – N/A
- **peer** (*Peer*) – N/A
- **top\_message** (int 32-bit) – N/A
- **unread\_muted\_peers\_count** (int 32-bit) – N/A
- **unread\_unmuted\_peers\_count** (int 32-bit) – N/A
- **unread\_muted\_messages\_count** (int 32-bit) – N/A
- **unread\_unmuted\_messages\_count** (int 32-bit) – N/A
- **pinned** (bool, *optional*) – N/A

**DialogPeer**

**class** hydrogram.raw.types.DialogPeer

Telegram API type.

Constructor of *DialogPeer*.

**Details:**

- Layer: 176
- ID: E56DBF05

**Parameters**

- **peer** (*Peer*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetDialogUnreadMarks</code> | Telegram API function. |
|--|------------------------|

## DialogPeerFolder

**class** hydrogram.raw.types.DialogPeerFolder

Telegram API type.

Constructor of *DialogPeer*.

### Details:

- Layer: 176
- ID: 514519E2

### Parameters

**folder\_id** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetDialogUnreadMarks</i> | Telegram API function. |
|--------------------------------------|------------------------|

## Document

**class** hydrogram.raw.types.Document

Telegram API type.

Constructor of *Document*.

### Details:

- Layer: 176
- ID: 8FD4C4D8

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A
- **date** (int 32-bit) – N/A
- **mime\_type** (str) – N/A
- **size** (int 64-bit) – N/A
- **dc\_id** (int 32-bit) – N/A
- **attributes** (List of *DocumentAttribute*) – N/A
- **thumbs** (List of *PhotoSize*, optional) – N/A
- **video\_thumbs** (List of *VideoSize*, optional) – N/A

### Functions:

This object can be returned by 4 functions.

|   |                        |
|---|------------------------|
| <code>account.UploadTheme</code>              | Telegram API function. |
| <code>account.UploadRingtone</code>           | Telegram API function. |
| <code>messages.GetDocumentByHash</code>       | Telegram API function. |
| <code>messages.GetCustomEmojiDocuments</code> | Telegram API function. |

### DocumentAttributeAnimated

**class** hydrogram.raw.types.DocumentAttributeAnimated

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: 11B58939

#### Parameters

No parameters required.

### DocumentAttributeAudio

**class** hydrogram.raw.types.DocumentAttributeAudio

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: 9852F9C6

#### Parameters

- **duration** (int 32-bit) – N/A
- **voice** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **performer** (str, *optional*) – N/A
- **waveform** (bytes, *optional*) – N/A

### DocumentAttributeCustomEmoji

**class** hydrogram.raw.types.DocumentAttributeCustomEmoji

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: FD149899

#### Parameters

- **alt** (str) – N/A
- **stickerset** (*InputStickerSet*) – N/A
- **free** (bool, *optional*) – N/A
- **text\_color** (bool, *optional*) – N/A

### DocumentAttributeFilename

**class** hydrogram.raw.types.DocumentAttributeFilename

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: 15590068

#### Parameters

**file\_name** (str) – N/A

### DocumentAttributeHasStickers

**class** hydrogram.raw.types.DocumentAttributeHasStickers

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: 9801D2F7

#### Parameters

No parameters required.

### DocumentAttributeImageSize

**class** hydrogram.raw.types.DocumentAttributeImageSize

Telegram API type.

Constructor of *DocumentAttribute*.

#### Details:

- Layer: 176
- ID: 6C37C15C

#### Parameters

- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A



## DocumentAttributeSticker

**class** hydrogram.raw.types.DocumentAttributeSticker

Telegram API type.

Constructor of *DocumentAttribute*.

### Details:

- Layer: 176
- ID: 6319D612

### Parameters

- **alt** (str) – N/A
- **stickerset** (*InputStickerSet*) – N/A
- **mask** (bool, *optional*) – N/A
- **mask\_coords** (*MaskCoords*, *optional*) – N/A

## DocumentAttributeVideo

**class** hydrogram.raw.types.DocumentAttributeVideo

Telegram API type.

Constructor of *DocumentAttribute*.

### Details:

- Layer: 176
- ID: D38FF1C2

### Parameters

- **duration** (float 64-bit) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **round\_message** (bool, *optional*) – N/A
- **supports\_streaming** (bool, *optional*) – N/A
- **nosound** (bool, *optional*) – N/A
- **preload\_prefix\_size** (int 32-bit, *optional*) – N/A

## DocumentEmpty

**class** hydrogram.raw.types.DocumentEmpty

Telegram API type.

Constructor of *Document*.

### Details:

- Layer: 176
- ID: 36F8C871

### Parameters

**id** (int 64-bit) – N/A

### Functions:

This object can be returned by 4 functions.

|   |                        |
|---|------------------------|
| <i>account.UploadTheme</i>              | Telegram API function. |
| <i>account.UploadRingtone</i>           | Telegram API function. |
| <i>messages.GetDocumentByHash</i>       | Telegram API function. |
| <i>messages.GetCustomEmojiDocuments</i> | Telegram API function. |

## DraftMessage

**class** hydrogram.raw.types.DraftMessage

Telegram API type.

Constructor of *DraftMessage*.

### Details:

- Layer: 176
- ID: 3FCCF7EF

### Parameters

- **message** (str) – N/A
- **date** (int 32-bit) – N/A
- **no\_webpage** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **reply\_to** (*InputReplyTo*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **media** (*InputMedia*, *optional*) – N/A

### DraftMessageEmpty

**class** hydrogram.raw.types.DraftMessageEmpty

Telegram API type.

Constructor of *DraftMessage*.

**Details:**

- Layer: 176
- ID: 1B0C841A

**Parameters**

**date** (int 32-bit, *optional*) – N/A

### EmailVerificationApple

**class** hydrogram.raw.types.EmailVerificationApple

Telegram API type.

Constructor of *EmailVerification*.

**Details:**

- Layer: 176
- ID: 96D074FD

**Parameters**

**token** (str) – N/A

### EmailVerificationCode

**class** hydrogram.raw.types.EmailVerificationCode

Telegram API type.

Constructor of *EmailVerification*.

**Details:**

- Layer: 176
- ID: 922E55A9

**Parameters**

**code** (str) – N/A

### EmailVerificationGoogle

**class** hydrogram.raw.types.EmailVerificationGoogle

Telegram API type.

Constructor of *EmailVerification*.

**Details:**

- Layer: 176
- ID: DB909EC2

**Parameters**

**token** (str) – N/A

### EmailVerifyPurposeLoginChange

**class** hydrogram.raw.types.EmailVerifyPurposeLoginChange

Telegram API type.

Constructor of *EmailVerifyPurpose*.

**Details:**

- Layer: 176
- ID: 527D22EB

**Parameters**

No parameters required.

### EmailVerifyPurposeLoginSetup

**class** hydrogram.raw.types.EmailVerifyPurposeLoginSetup

Telegram API type.

Constructor of *EmailVerifyPurpose*.

**Details:**

- Layer: 176
- ID: 4345BE73

**Parameters**

- **phone\_number** (str) – N/A
- **phone\_code\_hash** (str) – N/A

## EmailVerifyPurposePassport

**class** hydrogram.raw.types.**EmailVerifyPurposePassport**

Telegram API type.

Constructor of *EmailVerifyPurpose*.

### Details:

- Layer: 176
- ID: BBF51685

### Parameters

No parameters required.

## EmojiGroup

**class** hydrogram.raw.types.**EmojiGroup**

Telegram API type.

Constructor of *EmojiGroup*.

### Details:

- Layer: 176
- ID: 7A9ABDA9

### Parameters

- **title** (str) – N/A
- **icon\_emoji\_id** (int 64-bit) – N/A
- **emoticons** (List of str) – N/A

## EmojiKeyword

**class** hydrogram.raw.types.**EmojiKeyword**

Telegram API type.

Constructor of *EmojiKeyword*.

### Details:

- Layer: 176
- ID: D5B3B9F9

### Parameters

- **keyword** (str) – N/A
- **emoticons** (List of str) – N/A

## EmojiKeywordDeleted

**class** hydrogram.raw.types.**EmojiKeywordDeleted**

Telegram API type.

Constructor of *EmojiKeyword*.

### Details:

- Layer: 176
- ID: 236DF622

### Parameters

- **keyword** (str) – N/A
- **emoticons** (List of str) – N/A

## EmojiKeywordsDifference

**class** hydrogram.raw.types.**EmojiKeywordsDifference**

Telegram API type.

Constructor of *EmojiKeywordsDifference*.

### Details:

- Layer: 176
- ID: 5CC761BD

### Parameters

- **lang\_code** (str) – N/A
- **from\_version** (int 32-bit) – N/A
- **version** (int 32-bit) – N/A
- **keywords** (List of *EmojiKeyword*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetEmojiKeywords</i>           | Telegram API function. |
| <i>messages.GetEmojiKeywordsDifference</i> | Telegram API function. |

## EmojiLanguage

**class** hydrogram.raw.types.**EmojiLanguage**

Telegram API type.

Constructor of *EmojiLanguage*.

### Details:

- Layer: 176
- ID: B3FB5361

**Parameters****lang\_code** (str) – N/A**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>messages.GetEmojiKeywordsLanguages</i> | Telegram API function. |
|---|------------------------|

**EmojiList****class** hydrogram.raw.types.**EmojiList**

Telegram API type.

Constructor of *EmojiList*.**Details:**

- Layer: 176
- ID: 7A1E11D1

**Parameters**

- **hash** (int 64-bit) – N/A
- **document\_id** (List of int 64-bit) – N/A

**Functions:**

This object can be returned by 5 functions.

|  |                        |
|--|------------------------|
| <i>account.GetDefaultProfilePhotoEmojis</i>    | Telegram API function. |
| <i>account.GetDefaultGroupPhotoEmojis</i>      | Telegram API function. |
| <i>account.GetDefaultBackgroundEmojis</i>      | Telegram API function. |
| <i>account.GetChannelRestrictedStatusEmoji</i> | Telegram API function. |
| <i>messages.SearchCustomEmoji</i>              | Telegram API function. |

**EmojiListNotModified****class** hydrogram.raw.types.**EmojiListNotModified**

Telegram API type.

Constructor of *EmojiList*.**Details:**

- Layer: 176
- ID: 481EADFA

**Parameters****No parameters required.****Functions:**

This object can be returned by 5 functions.

|  |                        |
|--|------------------------|
| <code>account.GetDefaultProfilePhotoEmojis</code>    | Telegram API function. |
| <code>account.GetDefaultGroupPhotoEmojis</code>      | Telegram API function. |
| <code>account.GetDefaultBackgroundEmojis</code>      | Telegram API function. |
| <code>account.GetChannelRestrictedStatusEmoji</code> | Telegram API function. |
| <code>messages.SearchCustomEmoji</code>              | Telegram API function. |

## EmojiStatus

**class** hydrogram.raw.types.**EmojiStatus**

Telegram API type.

Constructor of [\*EmojiStatus\*](#).

### Details:

- Layer: 176
- ID: 929B619D

### Parameters

**document\_id** (int 64-bit) – N/A

## EmojiStatusEmpty

**class** hydrogram.raw.types.**EmojiStatusEmpty**

Telegram API type.

Constructor of [\*EmojiStatus\*](#).

### Details:

- Layer: 176
- ID: 2DE11AAE

### Parameters

**No parameters required.**

## EmojiStatusUntil

**class** hydrogram.raw.types.**EmojiStatusUntil**

Telegram API type.

Constructor of [\*EmojiStatus\*](#).

### Details:

- Layer: 176
- ID: FA30A8C7

### Parameters

- **document\_id** (int 64-bit) – N/A
- **until** (int 32-bit) – N/A



## EmojiURL

**class** hydrogram.raw.types.**EmojiURL**

Telegram API type.

Constructor of *EmojiURL*.

### Details:

- Layer: 176
- ID: A575739D

### Parameters

**url** (str) – N/A

### Functions:

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>messages.GetEmojiURL</i> | Telegram API function. |
|-----------------------------|------------------------|

## EncryptedChat

**class** hydrogram.raw.types.**EncryptedChat**

Telegram API type.

Constructor of *EncryptedChat*.

### Details:

- Layer: 176
- ID: 61F0D4C7

### Parameters

- **id** (int 32-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **g\_a\_or\_b** (bytes) – N/A
- **key\_fingerprint** (int 64-bit) – N/A

### Functions:

This object can be returned by 2 functions.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.RequestEncryption</i> | Telegram API function. |
| <i>messages.AcceptEncryption</i>  | Telegram API function. |

## EncryptedChatDiscarded

**class** hydrogram.raw.types.**EncryptedChatDiscarded**

Telegram API type.

Constructor of [EncryptedChat](#).

### Details:

- Layer: 176
- ID: 1E1C7C45

### Parameters

- **id** (int 32-bit) – N/A
- **history\_deleted** (bool, *optional*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#">messages.RequestEncryption</a> | Telegram API function. |
| <a href="#">messages.AcceptEncryption</a>  | Telegram API function. |

## EncryptedChatEmpty

**class** hydrogram.raw.types.**EncryptedChatEmpty**

Telegram API type.

Constructor of [EncryptedChat](#).

### Details:

- Layer: 176
- ID: AB7EC0A0

### Parameters

- **id** (int 32-bit) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#">messages.RequestEncryption</a> | Telegram API function. |
| <a href="#">messages.AcceptEncryption</a>  | Telegram API function. |

## EncryptedChatRequested

**class** hydrogram.raw.types.**EncryptedChatRequested**

Telegram API type.

Constructor of [EncryptedChat](#).

### Details:

- Layer: 176
- ID: 48F1D94C

### Parameters

- **id** (int 32-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **g\_a** (bytes) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#">messages.RequestEncryption</a> | Telegram API function. |
| <a href="#">messages.AcceptEncryption</a>  | Telegram API function. |

## EncryptedChatWaiting

**class** hydrogram.raw.types.**EncryptedChatWaiting**

Telegram API type.

Constructor of [EncryptedChat](#).

### Details:

- Layer: 176
- ID: 66B25953

### Parameters

- **id** (int 32-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A

**Functions:**

This object can be returned by 2 functions.

|   |                        |
|---|------------------------|
| <code>messages.RequestEncryption</code> | Telegram API function. |
| <code>messages.AcceptEncryption</code>  | Telegram API function. |

**EncryptedFile**

**class** hydrogram.raw.types.**EncryptedFile**

Telegram API type.

Constructor of [EncryptedFile](#).

**Details:**

- Layer: 176
- ID: A8008CD8

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **size** (int 64-bit) – N/A
- **dc\_id** (int 32-bit) – N/A
- **key\_fingerprint** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.UploadEncryptedFile</code> | Telegram API function. |
|---|------------------------|

**EncryptedFileEmpty**

**class** hydrogram.raw.types.**EncryptedFileEmpty**

Telegram API type.

Constructor of [EncryptedFile](#).

**Details:**

- Layer: 176
- ID: C21F497E

**Parameters**

No parameters required.

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.UploadEncryptedFile</code> | Telegram API function. |
|---|------------------------|

## EncryptedMessage

**class** hydrogram.raw.types.**EncryptedMessage**

Telegram API type.

Constructor of [EncryptedMessage](#).

### Details:

- Layer: 176
- ID: ED18C118

### Parameters

- **random\_id** (int 64-bit) – N/A
- **chat\_id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **bytes** (bytes) – N/A
- **file** ([EncryptedFile](#)) – N/A

## EncryptedMessageService

**class** hydrogram.raw.types.**EncryptedMessageService**

Telegram API type.

Constructor of [EncryptedMessage](#).

### Details:

- Layer: 176
- ID: 23734B06

### Parameters

- **random\_id** (int 64-bit) – N/A
- **chat\_id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

## ExportedChatlistInvite

**class** hydrogram.raw.types.**ExportedChatlistInvite**

Telegram API type.

Constructor of [ExportedChatlistInvite](#).

### Details:

- Layer: 176
- ID: C5181AC

### Parameters

- **title** (str) – N/A
- **url** (str) – N/A
- **peers** (List of [Peer](#)) – N/A

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <a href="#"><i>chatlists.EditExportedInvite</i></a> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ExportedContactToken

**class** hydrogram.raw.types.**ExportedContactToken**

Telegram API type.

Constructor of [\*ExportedContactToken\*](#).

### Details:

- Layer: 176
- ID: 41BF109B

### Parameters

- **url** (str) – N/A
- **expires** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#"><i>contacts.ExportContactToken</i></a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ExportedMessageLink

**class** hydrogram.raw.types.**ExportedMessageLink**

Telegram API type.

Constructor of [\*ExportedMessageLink\*](#).

### Details:

- Layer: 176
- ID: 5DAB1AF4

### Parameters

- **link** (str) – N/A
- **html** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <i>channels.ExportMessageLink</i> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**ExportedStoryLink**

**class** hydrogram.raw.types.**ExportedStoryLink**

Telegram API type.

Constructor of *ExportedStoryLink*.

**Details:**

- Layer: 176
- ID: 3FC9053B

**Parameters**

**link** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>stories.ExportStoryLink</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**FileHash**

**class** hydrogram.raw.types.**FileHash**

Telegram API type.

Constructor of *FileHash*.

**Details:**

- Layer: 176
- ID: F39B035C

**Parameters**

- **offset** (int 64-bit) – N/A
- **limit** (int 32-bit) – N/A
- **hash** (bytes) – N/A

**Functions:**

This object can be returned by 3 functions.

|                               |
|-------------------------------|
| <i>upload.ReuploadCdnFile</i> |
|-------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

|                                |
|--------------------------------|
| <i>upload.GetCdnFileHashes</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

|                              |
|------------------------------|
| <i>upload.GetFilesHashes</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### Folder

**class** hydrogram.raw.types.**Folder**

Telegram API type.

Constructor of [Folder](#).

**Details:**

- Layer: 176
- ID: FF544E65

**Parameters**

- **id** (int 32-bit) – N/A
- **title** (str) – N/A
- **autofill\_new\_broadcasts** (bool, *optional*) – N/A
- **autofill\_public\_groups** (bool, *optional*) – N/A
- **autofill\_new\_correspondents** (bool, *optional*) – N/A
- **photo** ([ChatPhoto](#), *optional*) – N/A

### FolderPeer

**class** hydrogram.raw.types.**FolderPeer**

Telegram API type.

Constructor of [FolderPeer](#).

**Details:**

- Layer: 176
- ID: E9BAA668

**Parameters**

- **peer** ([Peer](#)) – N/A
- **folder\_id** (int 32-bit) – N/A

### ForumTopic

**class** hydrogram.raw.types.**ForumTopic**

Telegram API type.

Constructor of [ForumTopic](#).

**Details:**

- Layer: 176
- ID: 71701DA9

**Parameters**

- **id** (int 32-bit) – N/A



- **date** (int 32-bit) – N/A
- **title** (str) – N/A
- **icon\_color** (int 32-bit) – N/A
- **top\_message** (int 32-bit) – N/A
- **read\_inbox\_max\_id** (int 32-bit) – N/A
- **read\_outbox\_max\_id** (int 32-bit) – N/A
- **unread\_count** (int 32-bit) – N/A
- **unread\_mentions\_count** (int 32-bit) – N/A
- **unread\_reactions\_count** (int 32-bit) – N/A
- **from\_id** ([Peer](#)) – N/A
- **notify\_settings** ([PeerNotifySettings](#)) – N/A
- **my** (bool, *optional*) – N/A
- **closed** (bool, *optional*) – N/A
- **pinned** (bool, *optional*) – N/A
- **short** (bool, *optional*) – N/A
- **hidden** (bool, *optional*) – N/A
- **icon\_emoji\_id** (int 64-bit, *optional*) – N/A
- **draft** ([DraftMessage](#), *optional*) – N/A

## ForumTopicDeleted

**class** hydrogram.raw.types.**ForumTopicDeleted**

Telegram API type.

Constructor of [ForumTopic](#).

### Details:

- Layer: 176
- ID: 23F109B

### Parameters

**id** (int 32-bit) – N/A

## Game

**class** hydrogram.raw.types.**Game**

Telegram API type.

Constructor of [Game](#).

### Details:

- Layer: 176
- ID: BDF9653B

#### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **short\_name** (str) – N/A
- **title** (str) – N/A
- **description** (str) – N/A
- **photo** (*Photo*) – N/A
- **document** (*Document*, *optional*) – N/A

### GeoPoint

**class** hydrogram.raw.types.**GeoPoint**

Telegram API type.

Constructor of *GeoPoint*.

#### Details:

- Layer: 176
- ID: B2A2F663

#### Parameters

- **long** (float 64-bit) – N/A
- **lat** (float 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **accuracy\_radius** (int 32-bit, *optional*) – N/A

### GeoPointEmpty

**class** hydrogram.raw.types.**GeoPointEmpty**

Telegram API type.

Constructor of *GeoPoint*.

#### Details:

- Layer: 176
- ID: 1117DD5F

#### Parameters

No parameters required.

## GlobalPrivacySettings

**class** hydrogram.raw.types.GlobalPrivacySettings

Telegram API type.

Constructor of [GlobalPrivacySettings](#).

### Details:

- Layer: 176
- ID: 734C4CCB

### Parameters

- **archive\_and\_mute\_new\_noncontact\_peers** (bool, *optional*) – N/A
- **keep\_archived\_unmuted** (bool, *optional*) – N/A
- **keep\_archived\_folders** (bool, *optional*) – N/A
- **hide\_read\_marks** (bool, *optional*) – N/A
- **new\_noncontact\_peers\_require\_premium** (bool, *optional*) – N/A

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <a href="#">account.GetGlobalPrivacySettings</a> | Telegram API function. |
| <a href="#">account.SetGlobalPrivacySettings</a> | Telegram API function. |

## GroupCall

**class** hydrogram.raw.types.GroupCall

Telegram API type.

Constructor of [GroupCall](#).

### Details:

- Layer: 176
- ID: D597650C

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **participants\_count** (int 32-bit) – N/A
- **unmuted\_video\_limit** (int 32-bit) – N/A
- **version** (int 32-bit) – N/A
- **join\_muted** (bool, *optional*) – N/A
- **can\_change\_join\_muted** (bool, *optional*) – N/A
- **join\_date\_asc** (bool, *optional*) – N/A
- **schedule\_start\_subscribed** (bool, *optional*) – N/A

- **can\_start\_video** (bool, *optional*) – N/A
- **record\_video\_active** (bool, *optional*) – N/A
- **rtmp\_stream** (bool, *optional*) – N/A
- **listeners\_hidden** (bool, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **stream\_dc\_id** (int 32-bit, *optional*) – N/A
- **record\_start\_date** (int 32-bit, *optional*) – N/A
- **schedule\_date** (int 32-bit, *optional*) – N/A
- **unmuted\_video\_count** (int 32-bit, *optional*) – N/A

### GroupCallDiscarded

**class** hydrogram.raw.types.GroupCallDiscarded

Telegram API type.

Constructor of [GroupCall](#).

#### Details:

- Layer: 176
- ID: 7780BCB4

#### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **duration** (int 32-bit) – N/A

### GroupCallParticipant

**class** hydrogram.raw.types.GroupCallParticipant

Telegram API type.

Constructor of [GroupCallParticipant](#).

#### Details:

- Layer: 176
- ID: EBA636FE

#### Parameters

- **peer** ([Peer](#)) – N/A
- **date** (int 32-bit) – N/A
- **source** (int 32-bit) – N/A
- **muted** (bool, *optional*) – N/A
- **left** (bool, *optional*) – N/A
- **can\_self\_unmute** (bool, *optional*) – N/A

- **just\_joined** (bool, *optional*) – N/A
- **versioned** (bool, *optional*) – N/A
- **min** (bool, *optional*) – N/A
- **muted\_by\_you** (bool, *optional*) – N/A
- **volume\_by\_admin** (bool, *optional*) – N/A
- **is\_self** (bool, *optional*) – N/A
- **video\_joined** (bool, *optional*) – N/A
- **active\_date** (int 32-bit, *optional*) – N/A
- **volume** (int 32-bit, *optional*) – N/A
- **about** (str, *optional*) – N/A
- **raise\_hand\_rating** (int 64-bit, *optional*) – N/A
- **video** ([GroupCallParticipantVideo](#), *optional*) – N/A
- **presentation** ([GroupCallParticipantVideo](#), *optional*) – N/A

### GroupCallParticipantVideo

**class** hydrogram.raw.types.GroupCallParticipantVideo

Telegram API type.

Constructor of [GroupCallParticipantVideo](#).

#### Details:

- Layer: 176
- ID: 67753AC8

#### Parameters

- **endpoint** (str) – N/A
- **source\_groups** (List of [GroupCallParticipantVideoSourceGroup](#)) – N/A
- **paused** (bool, *optional*) – N/A
- **audio\_source** (int 32-bit, *optional*) – N/A

### GroupCallParticipantVideoSourceGroup

**class** hydrogram.raw.types.GroupCallParticipantVideoSourceGroup

Telegram API type.

Constructor of [GroupCallParticipantVideoSourceGroup](#).

#### Details:

- Layer: 176
- ID: DCB118B7

#### Parameters

- **semantics** (str) – N/A

- **sources** (List of int 32-bit) – N/A

### GroupCallStreamChannel

**class** hydrogram.raw.types.**GroupCallStreamChannel**

Telegram API type.

Constructor of [GroupCallStreamChannel](#).

#### Details:

- Layer: 176
- ID: 80EB48AF

#### Parameters

- **channel** (int 32-bit) – N/A
- **scale** (int 32-bit) – N/A
- **last\_timestamp\_ms** (int 64-bit) – N/A

### HighScore

**class** hydrogram.raw.types.**HighScore**

Telegram API type.

Constructor of [HighScore](#).

#### Details:

- Layer: 176
- ID: 73A379EB

#### Parameters

- **pos** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **score** (int 32-bit) – N/A

### HttpWait

**class** hydrogram.raw.types.**HttpWait**

Telegram API type.

Constructor of [HttpWait](#).

#### Details:

- Layer: 176
- ID: 9299359F

#### Parameters

- **max\_delay** (int 32-bit) – N/A

- **wait\_after** (int 32-bit) – N/A
- **max\_wait** (int 32-bit) – N/A

### ImportedContact

**class** hydrogram.raw.types.**ImportedContact**

Telegram API type.

Constructor of *ImportedContact*.

#### Details:

- Layer: 176
- ID: C13E3C50

#### Parameters

- **user\_id** (int 64-bit) – N/A
- **client\_id** (int 64-bit) – N/A

### InlineBotSwitchPM

**class** hydrogram.raw.types.**InlineBotSwitchPM**

Telegram API type.

Constructor of *InlineBotSwitchPM*.

#### Details:

- Layer: 176
- ID: 3C20629F

#### Parameters

- **text** (str) – N/A
- **start\_param** (str) – N/A

### InlineBotWebView

**class** hydrogram.raw.types.**InlineBotWebView**

Telegram API type.

Constructor of *InlineBotWebView*.

#### Details:

- Layer: 176
- ID: B57295D5

#### Parameters

- **text** (str) – N/A
- **url** (str) – N/A

### InlineQueryPeerTypeBotPM

**class** hydrogram.raw.types.**InlineQueryPeerTypeBotPM**

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: E3B2D0C

**Parameters**

No parameters required.

### InlineQueryPeerTypeBroadcast

**class** hydrogram.raw.types.**InlineQueryPeerTypeBroadcast**

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: 6334EE9A

**Parameters**

No parameters required.

### InlineQueryPeerTypeChat

**class** hydrogram.raw.types.**InlineQueryPeerTypeChat**

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: D766C50A

**Parameters**

No parameters required.



### InlineQueryPeerTypeMegagroup

**class** hydrogram.raw.types.InlineQueryPeerTypeMegagroup

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: 5EC4BE43

**Parameters**

No parameters required.

### InlineQueryPeerTypePM

**class** hydrogram.raw.types.InlineQueryPeerTypePM

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: 833C0FAC

**Parameters**

No parameters required.

### InlineQueryPeerTypeSameBotPM

**class** hydrogram.raw.types.InlineQueryPeerTypeSameBotPM

Telegram API type.

Constructor of *InlineQueryPeerType*.

**Details:**

- Layer: 176
- ID: 3081ED9D

**Parameters**

No parameters required.

## InputAppEvent

**class** hydrogram.raw.types.**InputAppEvent**

Telegram API type.

Constructor of [InputAppEvent](#).

### Details:

- Layer: 176
- ID: 1D1B1245

### Parameters

- **time** (float 64-bit) – N/A
- **type** (str) – N/A
- **peer** (int 64-bit) – N/A
- **data** ([JSONValue](#)) – N/A

## InputBotAppID

**class** hydrogram.raw.types.**InputBotAppID**

Telegram API type.

Constructor of [InputBotApp](#).

### Details:

- Layer: 176
- ID: A920BD7A

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputBotAppShortName

**class** hydrogram.raw.types.**InputBotAppShortName**

Telegram API type.

Constructor of [InputBotApp](#).

### Details:

- Layer: 176
- ID: 908C0407

### Parameters

- **bot\_id** ([InputUser](#)) – N/A
- **short\_name** (str) – N/A

### InputBotInlineMessageGame

**class** hydrogram.raw.types.**InputBotInlineMessageGame**

Telegram API type.

Constructor of *InputBotInlineMessage*.

**Details:**

- Layer: 176
- ID: 4B425864

**Parameters**

**reply\_markup** (*ReplyMarkup*, optional) – N/A

### InputBotInlineMessageID

**class** hydrogram.raw.types.**InputBotInlineMessageID**

Telegram API type.

Constructor of *InputBotInlineMessageID*.

**Details:**

- Layer: 176
- ID: 890C3D89

**Parameters**

- **dc\_id** (int 32-bit) – N/A
- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputBotInlineMessageID64

**class** hydrogram.raw.types.**InputBotInlineMessageID64**

Telegram API type.

Constructor of *InputBotInlineMessageID*.

**Details:**

- Layer: 176
- ID: B6D915D7

**Parameters**

- **dc\_id** (int 32-bit) – N/A
- **owner\_id** (int 64-bit) – N/A
- **id** (int 32-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputBotInlineMessageMediaAuto

**class** hydrogram.raw.types.InputBotInlineMessageMediaAuto

Telegram API type.

Constructor of *InputBotInlineMessage*.

**Details:**

- Layer: 176
- ID: 3380C786

**Parameters**

- **message** (str) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### InputBotInlineMessageMediaContact

**class** hydrogram.raw.types.InputBotInlineMessageMediaContact

Telegram API type.

Constructor of *InputBotInlineMessage*.

**Details:**

- Layer: 176
- ID: A6EDBFFD

**Parameters**

- **phone\_number** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **vcard** (str) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### InputBotInlineMessageMediaGeo

**class** hydrogram.raw.types.InputBotInlineMessageMediaGeo

Telegram API type.

Constructor of *InputBotInlineMessage*.

**Details:**

- Layer: 176
- ID: 96929A85

**Parameters**

- **geo\_point** (*InputGeoPoint*) – N/A
- **heading** (int 32-bit, *optional*) – N/A
- **period** (int 32-bit, *optional*) – N/A
- **proximity\_notification\_radius** (int 32-bit, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### InputBotInlineMessageMediaInvoice

**class** hydrogram.raw.types.**InputBotInlineMessageMediaInvoice**

Telegram API type.

Constructor of *InputBotInlineMessage*.

#### Details:

- Layer: 176
- ID: D7E78225

#### Parameters

- **title** (str) – N/A
- **description** (str) – N/A
- **invoice** (*Invoice*) – N/A
- **payload** (bytes) – N/A
- **provider** (str) – N/A
- **provider\_data** (*DataJSON*) – N/A
- **photo** (*InputWebDocument*, *optional*) – N/A
- **reply\_markup** (*ReplyMarkup*, *optional*) – N/A

### InputBotInlineMessageMediaVenue

**class** hydrogram.raw.types.**InputBotInlineMessageMediaVenue**

Telegram API type.

Constructor of *InputBotInlineMessage*.

#### Details:

- Layer: 176
- ID: 417BBF11

#### Parameters

- **geo\_point** (*InputGeoPoint*) – N/A
- **title** (str) – N/A
- **address** (str) – N/A
- **provider** (str) – N/A
- **venue\_id** (str) – N/A

- **venue\_type** (str) – N/A
- **reply\_markup** ([ReplyMarkup](#), optional) – N/A

### InputBotInlineMessageMediaWebPage

**class** hydrogram.raw.types.**InputBotInlineMessageMediaWebPage**

Telegram API type.

Constructor of [InputBotInlineMessage](#).

#### Details:

- Layer: 176
- ID: BDDCC510

#### Parameters

- **message** (str) – N/A
- **url** (str) – N/A
- **invert\_media** (bool, optional) – N/A
- **force\_large\_media** (bool, optional) – N/A
- **force\_small\_media** (bool, optional) – N/A
- **optional** (bool, optional) – N/A
- **entities** (List of [MessageEntity](#), optional) – N/A
- **reply\_markup** ([ReplyMarkup](#), optional) – N/A

### InputBotInlineMessageText

**class** hydrogram.raw.types.**InputBotInlineMessageText**

Telegram API type.

Constructor of [InputBotInlineMessage](#).

#### Details:

- Layer: 176
- ID: 3DCD7A87

#### Parameters

- **message** (str) – N/A
- **no\_webpage** (bool, optional) – N/A
- **invert\_media** (bool, optional) – N/A
- **entities** (List of [MessageEntity](#), optional) – N/A
- **reply\_markup** ([ReplyMarkup](#), optional) – N/A

## InputBotInlineResult

**class** hydrogram.raw.types.**InputBotInlineResult**

Telegram API type.

Constructor of [InputBotInlineResult](#).

### Details:

- Layer: 176
- ID: 88BF9319

### Parameters

- **id** (str) – N/A
- **type** (str) – N/A
- **send\_message** ([InputBotInlineMessage](#)) – N/A
- **title** (str, optional) – N/A
- **description** (str, optional) – N/A
- **url** (str, optional) – N/A
- **thumb** ([InputWebDocument](#), optional) – N/A
- **content** ([InputWebDocument](#), optional) – N/A

## InputBotInlineResultDocument

**class** hydrogram.raw.types.**InputBotInlineResultDocument**

Telegram API type.

Constructor of [InputBotInlineResult](#).

### Details:

- Layer: 176
- ID: FFF8FDC4

### Parameters

- **id** (str) – N/A
- **type** (str) – N/A
- **document** ([InputDocument](#)) – N/A
- **send\_message** ([InputBotInlineMessage](#)) – N/A
- **title** (str, optional) – N/A
- **description** (str, optional) – N/A

### InputBotInlineResultGame

**class** hydrogram.raw.types.InputBotInlineResultGame

Telegram API type.

Constructor of [InputBotInlineResult](#).

**Details:**

- Layer: 176
- ID: 4FA417F2

**Parameters**

- **id** (str) – N/A
- **short\_name** (str) – N/A
- **send\_message** ([InputBotInlineMessage](#)) – N/A

### InputBotInlineResultPhoto

**class** hydrogram.raw.types.InputBotInlineResultPhoto

Telegram API type.

Constructor of [InputBotInlineResult](#).

**Details:**

- Layer: 176
- ID: A8D864A7

**Parameters**

- **id** (str) – N/A
- **type** (str) – N/A
- **photo** ([InputPhoto](#)) – N/A
- **send\_message** ([InputBotInlineMessage](#)) – N/A

### InputBusinessAwayMessage

**class** hydrogram.raw.types.InputBusinessAwayMessage

Telegram API type.

Constructor of [InputBusinessAwayMessage](#).

**Details:**

- Layer: 176
- ID: 832175E0

**Parameters**

- **shortcut\_id** (int 32-bit) – N/A
- **schedule** ([BusinessAwayMessageSchedule](#)) – N/A



- **recipients** (*InputBusinessRecipients*) – N/A
- **offline\_only** (bool, *optional*) – N/A

### InputBusinessGreetingMessage

**class** hydrogram.raw.types.**InputBusinessGreetingMessage**

Telegram API type.

Constructor of *InputBusinessGreetingMessage*.

#### Details:

- Layer: 176
- ID: 194CB3B

#### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **recipients** (*InputBusinessRecipients*) – N/A
- **no\_activity\_days** (int 32-bit) – N/A

### InputBusinessRecipients

**class** hydrogram.raw.types.**InputBusinessRecipients**

Telegram API type.

Constructor of *InputBusinessRecipients*.

#### Details:

- Layer: 176
- ID: 6F8B32AA

#### Parameters

- **existing\_chats** (bool, *optional*) – N/A
- **new\_chats** (bool, *optional*) – N/A
- **contacts** (bool, *optional*) – N/A
- **non\_contacts** (bool, *optional*) – N/A
- **exclude\_selected** (bool, *optional*) – N/A
- **users** (List of *InputUser*, *optional*) – N/A

## InputChannel

**class** hydrogram.raw.types.**InputChannel**

Telegram API type.

Constructor of [InputChannel](#).

### Details:

- Layer: 176
- ID: F35AEC28

### Parameters

- **channel\_id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputChannelEmpty

**class** hydrogram.raw.types.**InputChannelEmpty**

Telegram API type.

Constructor of [InputChannel](#).

### Details:

- Layer: 176
- ID: EE8C1E86

### Parameters

No parameters required.

## InputChannelFromMessage

**class** hydrogram.raw.types.**InputChannelFromMessage**

Telegram API type.

Constructor of [InputChannel](#).

### Details:

- Layer: 176
- ID: 5B934F9D

### Parameters

- **peer** ([InputPeer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **channel\_id** (int 64-bit) – N/A

### InputChatPhoto

**class** hydrogram.raw.types.**InputChatPhoto**

Telegram API type.

Constructor of [InputChatPhoto](#).

**Details:**

- Layer: 176
- ID: 8953AD37

**Parameters**

**id** ([InputPhoto](#)) – N/A

### InputChatPhotoEmpty

**class** hydrogram.raw.types.**InputChatPhotoEmpty**

Telegram API type.

Constructor of [InputChatPhoto](#).

**Details:**

- Layer: 176
- ID: 1CA48F57

**Parameters**

No parameters required.

### InputChatUploadedPhoto

**class** hydrogram.raw.types.**InputChatUploadedPhoto**

Telegram API type.

Constructor of [InputChatPhoto](#).

**Details:**

- Layer: 176
- ID: BDCDAEC0

**Parameters**

- **file** ([InputFile](#), *optional*) – N/A
- **video** ([InputFile](#), *optional*) – N/A
- **video\_start\_ts** (float 64-bit, *optional*) – N/A
- **video\_emoji\_markup** ([VideoSize](#), *optional*) – N/A

### InputChatlistDialogFilter

**class** hydrogram.raw.types.**InputChatlistDialogFilter**

Telegram API type.

Constructor of [InputChatlist](#).

**Details:**

- Layer: 176
- ID: F3E0DA33

**Parameters**

**filter\_id** (int 32-bit) – N/A

### InputCheckPasswordEmpty

**class** hydrogram.raw.types.**InputCheckPasswordEmpty**

Telegram API type.

Constructor of [InputCheckPasswordSRP](#).

**Details:**

- Layer: 176
- ID: 9880F658

**Parameters**

No parameters required.

### InputCheckPasswordSRP

**class** hydrogram.raw.types.**InputCheckPasswordSRP**

Telegram API type.

Constructor of [InputCheckPasswordSRP](#).

**Details:**

- Layer: 176
- ID: D27FF082

**Parameters**

- **srp\_id** (int 64-bit) – N/A
- **A** (bytes) – N/A
- **M1** (bytes) – N/A

## InputClientProxy

**class** hydrogram.raw.types.**InputClientProxy**

Telegram API type.

Constructor of *InputClientProxy*.

### Details:

- Layer: 176
- ID: 75588B3F

### Parameters

- **address** (str) – N/A
- **port** (int 32-bit) – N/A

## InputDialogPeer

**class** hydrogram.raw.types.**InputDialogPeer**

Telegram API type.

Constructor of *InputDialogPeer*.

### Details:

- Layer: 176
- ID: FCAAFEB7

### Parameters

**peer** (*InputPeer*) – N/A

## InputDialogPeerFolder

**class** hydrogram.raw.types.**InputDialogPeerFolder**

Telegram API type.

Constructor of *InputDialogPeer*.

### Details:

- Layer: 176
- ID: 64600527

### Parameters

**folder\_id** (int 32-bit) – N/A

### InputDocument

**class** hydrogram.raw.types.**InputDocument**

Telegram API type.

Constructor of *InputDocument*.

**Details:**

- Layer: 176
- ID: 1ABFB575

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A

### InputDocumentEmpty

**class** hydrogram.raw.types.**InputDocumentEmpty**

Telegram API type.

Constructor of *InputDocument*.

**Details:**

- Layer: 176
- ID: 72F0EAAE

**Parameters**

No parameters required.

### InputDocumentFileLocation

**class** hydrogram.raw.types.**InputDocumentFileLocation**

Telegram API type.

Constructor of *InputFileLocation*.

**Details:**

- Layer: 176
- ID: BAD07584

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A
- **thumb\_size** (str) – N/A

## InputEncryptedChat

**class** hydrogram.raw.types.**InputEncryptedChat**

Telegram API type.

Constructor of *InputEncryptedChat*.

### Details:

- Layer: 176
- ID: F141B5E1

### Parameters

- **chat\_id** (int 32-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputEncryptedFile

**class** hydrogram.raw.types.**InputEncryptedFile**

Telegram API type.

Constructor of *InputEncryptedFile*.

### Details:

- Layer: 176
- ID: 5A17B5E5

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputEncryptedFileBigUploaded

**class** hydrogram.raw.types.**InputEncryptedFileBigUploaded**

Telegram API type.

Constructor of *InputEncryptedFile*.

### Details:

- Layer: 176
- ID: 2DC173C8

### Parameters

- **id** (int 64-bit) – N/A
- **parts** (int 32-bit) – N/A
- **key\_fingerprint** (int 32-bit) – N/A

### InputEncryptedFileEmpty

**class** hydrogram.raw.types.InputEncryptedFileEmpty

Telegram API type.

Constructor of *InputEncryptedFile*.

**Details:**

- Layer: 176
- ID: 1837C364

**Parameters**

No parameters required.

### InputEncryptedFileLocation

**class** hydrogram.raw.types.InputEncryptedFileLocation

Telegram API type.

Constructor of *InputFileLocation*.

**Details:**

- Layer: 176
- ID: F5235D55

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputEncryptedFileUploaded

**class** hydrogram.raw.types.InputEncryptedFileUploaded

Telegram API type.

Constructor of *InputEncryptedFile*.

**Details:**

- Layer: 176
- ID: 64BD0306

**Parameters**

- **id** (int 64-bit) – N/A
- **parts** (int 32-bit) – N/A
- **md5\_checksum** (str) – N/A
- **key\_fingerprint** (int 32-bit) – N/A



## InputFile

**class** hydrogram.raw.types.**InputFile**

Telegram API type.

Constructor of [InputFile](#).

### Details:

- Layer: 176
- ID: F52FF27F

### Parameters

- **id** (int 64-bit) – N/A
- **parts** (int 32-bit) – N/A
- **name** (str) – N/A
- **md5\_checksum** (str) – N/A

## InputFileBig

**class** hydrogram.raw.types.**InputFileBig**

Telegram API type.

Constructor of [InputFile](#).

### Details:

- Layer: 176
- ID: FA4F0BB5

### Parameters

- **id** (int 64-bit) – N/A
- **parts** (int 32-bit) – N/A
- **name** (str) – N/A

## InputFileLocation

**class** hydrogram.raw.types.**InputFileLocation**

Telegram API type.

Constructor of [InputFileLocation](#).

### Details:

- Layer: 176
- ID: DFDAABE1

### Parameters

- **volume\_id** (int 64-bit) – N/A
- **local\_id** (int 32-bit) – N/A

- **secret** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A

### InputFolderPeer

**class** hydrogram.raw.types.**InputFolderPeer**

Telegram API type.

Constructor of [InputFolderPeer](#).

#### Details:

- Layer: 176
- ID: FBD2C296

#### Parameters

- **peer** ([InputPeer](#)) – N/A
- **folder\_id** (int 32-bit) – N/A

### InputGameID

**class** hydrogram.raw.types.**InputGameID**

Telegram API type.

Constructor of [InputGame](#).

#### Details:

- Layer: 176
- ID: 32C3E77

#### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputGameShortName

**class** hydrogram.raw.types.**InputGameShortName**

Telegram API type.

Constructor of [InputGame](#).

#### Details:

- Layer: 176
- ID: C331E80A

#### Parameters

- **bot\_id** ([InputUser](#)) – N/A
- **short\_name** (str) – N/A

## InputGeoPoint

**class** hydrogram.raw.types.**InputGeoPoint**

Telegram API type.

Constructor of *InputGeoPoint*.

### Details:

- Layer: 176
- ID: 48222FAF

### Parameters

- **lat** (float 64-bit) – N/A
- **long** (float 64-bit) – N/A
- **accuracy\_radius** (int 32-bit, *optional*) – N/A

## InputGeoPointEmpty

**class** hydrogram.raw.types.**InputGeoPointEmpty**

Telegram API type.

Constructor of *InputGeoPoint*.

### Details:

- Layer: 176
- ID: E4C123D6

### Parameters

No parameters required.

## InputGroupCall

**class** hydrogram.raw.types.**InputGroupCall**

Telegram API type.

Constructor of *InputGroupCall*.

### Details:

- Layer: 176
- ID: D8AA840F

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputGroupCallStream

**class** hydrogram.raw.types.InputGroupCallStream

Telegram API type.

Constructor of [InputFileLocation](#).

### Details:

- Layer: 176
- ID: 598A92A

### Parameters

- **call** ([InputGroupCall](#)) – N/A
- **time\_ms** (int 64-bit) – N/A
- **scale** (int 32-bit) – N/A
- **video\_channel** (int 32-bit, *optional*) – N/A
- **video\_quality** (int 32-bit, *optional*) – N/A

## InputInvoiceMessage

**class** hydrogram.raw.types.InputInvoiceMessage

Telegram API type.

Constructor of [InputInvoice](#).

### Details:

- Layer: 176
- ID: C5B56859

### Parameters

- **peer** ([InputPeer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A

## InputInvoicePremiumGiftCode

**class** hydrogram.raw.types.InputInvoicePremiumGiftCode

Telegram API type.

Constructor of [InputInvoice](#).

### Details:

- Layer: 176
- ID: 98986C0D

### Parameters

- **purpose** ([InputStorePaymentPurpose](#)) – N/A
- **option** ([PremiumGiftCodeOption](#)) – N/A

## InputInvoiceSlug

**class** hydrogram.raw.types.**InputInvoiceSlug**

Telegram API type.

Constructor of *InputInvoice*.

### Details:

- Layer: 176
- ID: C326CAEF

### Parameters

**slug** (str) – N/A

## InputKeyboardButtonUrlAuth

**class** hydrogram.raw.types.**InputKeyboardButtonUrlAuth**

Telegram API type.

Constructor of *KeyboardButton*.

### Details:

- Layer: 176
- ID: D02E7FD4

### Parameters

- **text** (str) – N/A
- **url** (str) – N/A
- **bot** (*InputUser*) – N/A
- **request\_write\_access** (bool, *optional*) – N/A
- **fwd\_text** (str, *optional*) – N/A

## InputKeyboardButtonUserProfile

**class** hydrogram.raw.types.**InputKeyboardButtonUserProfile**

Telegram API type.

Constructor of *KeyboardButton*.

### Details:

- Layer: 176
- ID: E988037B

### Parameters

- **text** (str) – N/A
- **user\_id** (*InputUser*) – N/A

### InputMediaAreaChannelPost

**class** hydrogram.raw.types.**InputMediaAreaChannelPost**

Telegram API type.

Constructor of [MediaArea](#).

**Details:**

- Layer: 176
- ID: 2271F2BF

**Parameters**

- **coordinates** ([MediaAreaCoordinates](#)) – N/A
- **channel** ([InputChannel](#)) – N/A
- **msg\_id** (int 32-bit) – N/A

### InputMediaAreaVenue

**class** hydrogram.raw.types.**InputMediaAreaVenue**

Telegram API type.

Constructor of [MediaArea](#).

**Details:**

- Layer: 176
- ID: B282217F

**Parameters**

- **coordinates** ([MediaAreaCoordinates](#)) – N/A
- **query\_id** (int 64-bit) – N/A
- **result\_id** (str) – N/A

### InputMediaContact

**class** hydrogram.raw.types.**InputMediaContact**

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: F8AB7DFB

**Parameters**

- **phone\_number** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A

- **vcard** (str) – N/A

### InputMediaDice

**class** hydrogram.raw.types.**InputMediaDice**

Telegram API type.

Constructor of [InputMedia](#).

#### Details:

- Layer: 176
- ID: E66FBF7B

#### Parameters

**emoticon** (str) – N/A

### InputMediaDocument

**class** hydrogram.raw.types.**InputMediaDocument**

Telegram API type.

Constructor of [InputMedia](#).

#### Details:

- Layer: 176
- ID: 33473058

#### Parameters

- **id** ([InputDocument](#)) – N/A
- **spoiler** (bool, *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A
- **query** (str, *optional*) – N/A

### InputMediaDocumentExternal

**class** hydrogram.raw.types.**InputMediaDocumentExternal**

Telegram API type.

Constructor of [InputMedia](#).

#### Details:

- Layer: 176
- ID: FB52DC99

#### Parameters

- **url** (str) – N/A
- **spoiler** (bool, *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

### InputMediaEmpty

**class** hydrogram.raw.types.InputMediaEmpty

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: 9664F57F

**Parameters**

No parameters required.

### InputMediaGame

**class** hydrogram.raw.types.InputMediaGame

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: D33F43F3

**Parameters**

**id** ([InputGame](#)) – N/A

### InputMediaGeoLive

**class** hydrogram.raw.types.InputMediaGeoLive

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: 971FA843

**Parameters**

- **geo\_point** ([InputGeoPoint](#)) – N/A
- **stopped** (bool, *optional*) – N/A
- **heading** (int 32-bit, *optional*) – N/A
- **period** (int 32-bit, *optional*) – N/A
- **proximity\_notification\_radius** (int 32-bit, *optional*) – N/A



### InputMediaGeoPoint

**class** hydrogram.raw.types.**InputMediaGeoPoint**

Telegram API type.

Constructor of *InputMedia*.

**Details:**

- Layer: 176
- ID: F9C44144

**Parameters**

**geo\_point** (*InputGeoPoint*) – N/A

### InputMediaInvoice

**class** hydrogram.raw.types.**InputMediaInvoice**

Telegram API type.

Constructor of *InputMedia*.

**Details:**

- Layer: 176
- ID: 8EB5A6D5

**Parameters**

- **title** (str) – N/A
- **description** (str) – N/A
- **invoice** (*Invoice*) – N/A
- **payload** (bytes) – N/A
- **provider** (str) – N/A
- **provider\_data** (*DataJSON*) – N/A
- **photo** (*InputWebDocument*, *optional*) – N/A
- **start\_param** (str, *optional*) – N/A
- **extended\_media** (*InputMedia*, *optional*) – N/A

### InputMediaPhoto

**class** hydrogram.raw.types.**InputMediaPhoto**

Telegram API type.

Constructor of *InputMedia*.

**Details:**

- Layer: 176
- ID: B3BA0635

#### Parameters

- **id** (*InputPhoto*) – N/A
- **spoiler** (bool, *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

### InputMediaPhotoExternal

**class** hydrogram.raw.types.**InputMediaPhotoExternal**

Telegram API type.

Constructor of *InputMedia*.

#### Details:

- Layer: 176
- ID: E5BBFE1A

#### Parameters

- **url** (str) – N/A
- **spoiler** (bool, *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

### InputMediaPoll

**class** hydrogram.raw.types.**InputMediaPoll**

Telegram API type.

Constructor of *InputMedia*.

#### Details:

- Layer: 176
- ID: F94E5F1

#### Parameters

- **poll** (*Poll*) – N/A
- **correct\_answers** (List of bytes, *optional*) – N/A
- **solution** (str, *optional*) – N/A
- **solution\_entities** (List of *MessageEntity*, *optional*) – N/A

## InputMediaStory

**class** hydrogram.raw.types.**InputMediaStory**

Telegram API type.

Constructor of [InputMedia](#).

### Details:

- Layer: 176
- ID: 89FDD778

### Parameters

- **peer** ([InputPeer](#)) – N/A
- **id** (int 32-bit) – N/A

## InputMediaUploadedDocument

**class** hydrogram.raw.types.**InputMediaUploadedDocument**

Telegram API type.

Constructor of [InputMedia](#).

### Details:

- Layer: 176
- ID: 5B38C6C1

### Parameters

- **file** ([InputFile](#)) – N/A
- **mime\_type** (str) – N/A
- **attributes** (List of [DocumentAttribute](#)) – N/A
- **nosound\_video** (bool, *optional*) – N/A
- **force\_file** (bool, *optional*) – N/A
- **spoiler** (bool, *optional*) – N/A
- **thumb** ([InputFile](#), *optional*) – N/A
- **stickers** (List of [InputDocument](#), *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

### InputMediaUploadedPhoto

**class** hydrogram.raw.types.InputMediaUploadedPhoto

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: 1E287D04

**Parameters**

- **file** ([InputFile](#)) – N/A
- **spoiler** (bool, *optional*) – N/A
- **stickers** (List of [InputDocument](#), *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

### InputMediaVenue

**class** hydrogram.raw.types.InputMediaVenue

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: C13D1C11

**Parameters**

- **geo\_point** ([InputGeoPoint](#)) – N/A
- **title** (str) – N/A
- **address** (str) – N/A
- **provider** (str) – N/A
- **venue\_id** (str) – N/A
- **venue\_type** (str) – N/A

### InputMediaWebPage

**class** hydrogram.raw.types.InputMediaWebPage

Telegram API type.

Constructor of [InputMedia](#).

**Details:**

- Layer: 176
- ID: C21B8849

**Parameters**

- **url** (`str`) – N/A
- **force\_large\_media** (`bool`, *optional*) – N/A
- **force\_small\_media** (`bool`, *optional*) – N/A
- **optional** (`bool`, *optional*) – N/A

**InputMessageCallbackQuery**

**class** hydrogram.raw.types.**InputMessageCallbackQuery**

Telegram API type.

Constructor of [InputMessage](#).

**Details:**

- Layer: 176
- ID: ACFA1A7E

**Parameters**

- **id** (`int` 32-bit) – N/A
- **query\_id** (`int` 64-bit) – N/A

**InputMessageEntityMentionName**

**class** hydrogram.raw.types.**InputMessageEntityMentionName**

Telegram API type.

Constructor of [MessageEntity](#).

**Details:**

- Layer: 176
- ID: 208E68C9

**Parameters**

- **offset** (`int` 32-bit) – N/A
- **length** (`int` 32-bit) – N/A
- **user\_id** ([InputUser](#)) – N/A

**InputMessageID**

**class** hydrogram.raw.types.**InputMessageID**

Telegram API type.

Constructor of [InputMessage](#).

**Details:**

- Layer: 176
- ID: A676A322

**Parameters**

**id** (int 32-bit) – N/A

### InputMessagePinned

**class** hydrogram.raw.types.InputMessagePinned

Telegram API type.

Constructor of *InputMessage*.

**Details:**

- Layer: 176
- ID: 86872538

**Parameters**

No parameters required.

### InputMessageReplyTo

**class** hydrogram.raw.types.InputMessageReplyTo

Telegram API type.

Constructor of *InputMessage*.

**Details:**

- Layer: 176
- ID: BAD88395

**Parameters**

**id** (int 32-bit) – N/A

### InputMessagesFilterChatPhotos

**class** hydrogram.raw.types.InputMessagesFilterChatPhotos

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 3A20ECB8

**Parameters**

No parameters required.

### InputMessagesFilterContacts

**class** hydrogram.raw.types.InputMessagesFilterContacts

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: E062DB83

**Parameters**

No parameters required.

### InputMessagesFilterDocument

**class** hydrogram.raw.types.InputMessagesFilterDocument

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 9EDDF188

**Parameters**

No parameters required.

### InputMessagesFilterEmpty

**class** hydrogram.raw.types.InputMessagesFilterEmpty

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 57E2F66C

**Parameters**

No parameters required.

### InputMessagesFilterGeo

**class** hydrogram.raw.types.InputMessagesFilterGeo

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: E7026D0D

**Parameters**

No parameters required.

### InputMessagesFilterGif

**class** hydrogram.raw.types.InputMessagesFilterGif

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: FFC86587

**Parameters**

No parameters required.

### InputMessagesFilterMusic

**class** hydrogram.raw.types.InputMessagesFilterMusic

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 3751B49E

**Parameters**

No parameters required.



### InputMessagesFilterMyMentions

**class** hydrogram.raw.types.InputMessagesFilterMyMentions

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: C1F8E69A

**Parameters**

No parameters required.

### InputMessagesFilterPhoneCalls

**class** hydrogram.raw.types.InputMessagesFilterPhoneCalls

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 80C99768

**Parameters**

*missed* (bool, *optional*) – N/A

### InputMessagesFilterPhotoVideo

**class** hydrogram.raw.types.InputMessagesFilterPhotoVideo

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 56E9F0E4

**Parameters**

No parameters required.

### InputMessagesFilterPhotos

**class** hydrogram.raw.types.InputMessagesFilterPhotos

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 9609A51C

**Parameters**

No parameters required.

### InputMessagesFilterPinned

**class** hydrogram.raw.types.InputMessagesFilterPinned

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 1BB00451

**Parameters**

No parameters required.

### InputMessagesFilterRoundVideo

**class** hydrogram.raw.types.InputMessagesFilterRoundVideo

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: B549DA53

**Parameters**

No parameters required.

### InputMessagesFilterRoundVoice

**class** hydrogram.raw.types.InputMessagesFilterRoundVoice

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 7A7C17A4

**Parameters**

No parameters required.

### InputMessagesFilterUrl

**class** hydrogram.raw.types.InputMessagesFilterUrl

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 7EF0DD87

**Parameters**

No parameters required.

### InputMessagesFilterVideo

**class** hydrogram.raw.types.InputMessagesFilterVideo

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 9FC00E65

**Parameters**

No parameters required.

### InputMessagesFilterVoice

**class** hydrogram.raw.types.InputMessagesFilterVoice

Telegram API type.

Constructor of *MessagesFilter*.

**Details:**

- Layer: 176
- ID: 50F5C392

**Parameters**

No parameters required.

### InputNotifyBroadcasts

**class** hydrogram.raw.types.InputNotifyBroadcasts

Telegram API type.

Constructor of *InputNotifyPeer*.

**Details:**

- Layer: 176
- ID: B1DB7C7E

**Parameters**

No parameters required.

### InputNotifyChats

**class** hydrogram.raw.types.InputNotifyChats

Telegram API type.

Constructor of *InputNotifyPeer*.

**Details:**

- Layer: 176
- ID: 4A95E84E

**Parameters**

No parameters required.

### InputNotifyForumTopic

**class** hydrogram.raw.types.**InputNotifyForumTopic**

Telegram API type.

Constructor of *InputNotifyPeer*.

**Details:**

- Layer: 176
- ID: 5C467992

**Parameters**

- **peer** (*InputPeer*) – N/A
- **top\_msg\_id** (int 32-bit) – N/A

### InputNotifyPeer

**class** hydrogram.raw.types.**InputNotifyPeer**

Telegram API type.

Constructor of *InputNotifyPeer*.

**Details:**

- Layer: 176
- ID: B8BC5B0C

**Parameters**

- **peer** (*InputPeer*) – N/A

### InputNotifyUsers

**class** hydrogram.raw.types.**InputNotifyUsers**

Telegram API type.

Constructor of *InputNotifyPeer*.

**Details:**

- Layer: 176
- ID: 193B4417

**Parameters**

No parameters required.

### InputPaymentCredentials

**class** hydrogram.raw.types.InputPaymentCredentials

Telegram API type.

Constructor of [InputPaymentCredentials](#).

**Details:**

- Layer: 176
- ID: 3417D728

**Parameters**

- **data** ([DataJSON](#)) – N/A
- **save** (bool, *optional*) – N/A

### InputPaymentCredentialsApplePay

**class** hydrogram.raw.types.InputPaymentCredentialsApplePay

Telegram API type.

Constructor of [InputPaymentCredentials](#).

**Details:**

- Layer: 176
- ID: AA1C39F

**Parameters**

**payment\_data** ([DataJSON](#)) – N/A

### InputPaymentCredentialsGooglePay

**class** hydrogram.raw.types.InputPaymentCredentialsGooglePay

Telegram API type.

Constructor of [InputPaymentCredentials](#).

**Details:**

- Layer: 176
- ID: 8AC32801

**Parameters**

**payment\_token** ([DataJSON](#)) – N/A

### InputPaymentCredentialsSaved

**class** hydrogram.raw.types.**InputPaymentCredentialsSaved**

Telegram API type.

Constructor of [InputPaymentCredentials](#).

**Details:**

- Layer: 176
- ID: C10EB2CF

**Parameters**

- **id** (str) – N/A
- **tmp\_password** (bytes) – N/A

### InputPeerChannel

**class** hydrogram.raw.types.**InputPeerChannel**

Telegram API type.

Constructor of [InputPeer](#).

**Details:**

- Layer: 176
- ID: 27BCBBFC

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputPeerChannelFromMessage

**class** hydrogram.raw.types.**InputPeerChannelFromMessage**

Telegram API type.

Constructor of [InputPeer](#).

**Details:**

- Layer: 176
- ID: BD2A0840

**Parameters**

- **peer** ([InputPeer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **channel\_id** (int 64-bit) – N/A

## InputPeerChat

**class** hydrogram.raw.types.**InputPeerChat**

Telegram API type.

Constructor of [InputPeer](#).

### Details:

- Layer: 176
- ID: 35A95CB9

### Parameters

**chat\_id** (int 64-bit) – N/A

## InputPeerEmpty

**class** hydrogram.raw.types.**InputPeerEmpty**

Telegram API type.

Constructor of [InputPeer](#).

### Details:

- Layer: 176
- ID: 7F3B18EA

### Parameters

No parameters required.

## InputPeerNotifySettings

**class** hydrogram.raw.types.**InputPeerNotifySettings**

Telegram API type.

Constructor of [InputPeerNotifySettings](#).

### Details:

- Layer: 176
- ID: CACB6AE2

### Parameters

- **show\_previews** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **mute\_until** (int 32-bit, *optional*) – N/A
- **sound** ([NotificationSound](#), *optional*) – N/A
- **stories\_muted** (bool, *optional*) – N/A
- **stories\_hide\_sender** (bool, *optional*) – N/A
- **stories\_sound** ([NotificationSound](#), *optional*) – N/A



### InputPeerPhotoFileLocation

**class** hydrogram.raw.types.**InputPeerPhotoFileLocation**

Telegram API type.

Constructor of [InputFileLocation](#).

**Details:**

- Layer: 176
- ID: 37257E99

**Parameters**

- **peer** ([InputPeer](#)) – N/A
- **photo\_id** (int 64-bit) – N/A
- **big** (bool, *optional*) – N/A

### InputPeerSelf

**class** hydrogram.raw.types.**InputPeerSelf**

Telegram API type.

Constructor of [InputPeer](#).

**Details:**

- Layer: 176
- ID: 7DA07EC9

**Parameters**

No parameters required.

### InputPeerUser

**class** hydrogram.raw.types.**InputPeerUser**

Telegram API type.

Constructor of [InputPeer](#).

**Details:**

- Layer: 176
- ID: DDE8A54C

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputPeerUserFromMessage

**class** hydrogram.raw.types.InputPeerUserFromMessage

Telegram API type.

Constructor of [InputPeer](#).

**Details:**

- Layer: 176
- ID: A87B0A1C

**Parameters**

- **peer** ([InputPeer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A

### InputPhoneCall

**class** hydrogram.raw.types.InputPhoneCall

Telegram API type.

Constructor of [InputPhoneCall](#).

**Details:**

- Layer: 176
- ID: 1E36FDED

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputPhoneContact

**class** hydrogram.raw.types.InputPhoneContact

Telegram API type.

Constructor of [InputContact](#).

**Details:**

- Layer: 176
- ID: F392B7F4

**Parameters**

- **client\_id** (int 64-bit) – N/A
- **phone** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A

## InputPhoto

**class** hydrogram.raw.types.**InputPhoto**

Telegram API type.

Constructor of [InputPhoto](#).

### Details:

- Layer: 176
- ID: 3BB3B94A

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A

## InputPhotoEmpty

**class** hydrogram.raw.types.**InputPhotoEmpty**

Telegram API type.

Constructor of [InputPhoto](#).

### Details:

- Layer: 176
- ID: 1CD7BF0D

### Parameters

No parameters required.

## InputPhotoFileLocation

**class** hydrogram.raw.types.**InputPhotoFileLocation**

Telegram API type.

Constructor of [InputFileLocation](#).

### Details:

- Layer: 176
- ID: 40181FFE

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A
- **thumb\_size** (str) – N/A

### InputPhotoLegacyFileLocation

**class** hydrogram.raw.types.InputPhotoLegacyFileLocation

Telegram API type.

Constructor of [InputFileLocation](#).

**Details:**

- Layer: 176
- ID: D83466F3

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A
- **volume\_id** (int 64-bit) – N/A
- **local\_id** (int 32-bit) – N/A
- **secret** (int 64-bit) – N/A

### InputPrivacyKeyAbout

**class** hydrogram.raw.types.InputPrivacyKeyAbout

Telegram API type.

Constructor of [InputPrivacyKey](#).

**Details:**

- Layer: 176
- ID: 3823CC40

**Parameters**

No parameters required.

### InputPrivacyKeyAddedByPhone

**class** hydrogram.raw.types.InputPrivacyKeyAddedByPhone

Telegram API type.

Constructor of [InputPrivacyKey](#).

**Details:**

- Layer: 176
- ID: D1219BDD

**Parameters**

No parameters required.

### InputPrivacyKeyChatInvite

**class** hydrogram.raw.types.InputPrivacyKeyChatInvite

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: BDFB0426

**Parameters**

No parameters required.

### InputPrivacyKeyForwards

**class** hydrogram.raw.types.InputPrivacyKeyForwards

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: A4DD4C08

**Parameters**

No parameters required.

### InputPrivacyKeyPhoneCall

**class** hydrogram.raw.types.InputPrivacyKeyPhoneCall

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: FABADC5F

**Parameters**

No parameters required.

### InputPrivacyKeyPhoneNumber

**class** hydrogram.raw.types.InputPrivacyKeyPhoneNumber

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: 352DAFA

**Parameters**

No parameters required.

### InputPrivacyKeyPhoneP2P

**class** hydrogram.raw.types.InputPrivacyKeyPhoneP2P

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: DB9E70D2

**Parameters**

No parameters required.

### InputPrivacyKeyProfilePhoto

**class** hydrogram.raw.types.InputPrivacyKeyProfilePhoto

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: 5719BACC

**Parameters**

No parameters required.

### InputPrivacyKeyStatusTimestamp

**class** hydrogram.raw.types.InputPrivacyKeyStatusTimestamp

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: 4F96CB18

**Parameters**

No parameters required.

### InputPrivacyKeyVoiceMessages

**class** hydrogram.raw.types.InputPrivacyKeyVoiceMessages

Telegram API type.

Constructor of *InputPrivacyKey*.

**Details:**

- Layer: 176
- ID: AEE69D68

**Parameters**

No parameters required.

### InputPrivacyValueAllowAll

**class** hydrogram.raw.types.InputPrivacyValueAllowAll

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: 184B35CE

**Parameters**

No parameters required.

### InputPrivacyValueAllowChatParticipants

**class** hydrogram.raw.types.InputPrivacyValueAllowChatParticipants

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: 840649CF

**Parameters**

**chats** (List of int 64-bit) – N/A

### InputPrivacyValueAllowCloseFriends

**class** hydrogram.raw.types.InputPrivacyValueAllowCloseFriends

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: 2F453E49

**Parameters**

No parameters required.

### InputPrivacyValueAllowContacts

**class** hydrogram.raw.types.InputPrivacyValueAllowContacts

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: D09E07B

**Parameters**

No parameters required.



### InputPrivacyValueAllowUsers

**class** hydrogram.raw.types.InputPrivacyValueAllowUsers

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: 131CC67F

**Parameters**

**users** (List of *InputUser*) – N/A

### InputPrivacyValueDisallowAll

**class** hydrogram.raw.types.InputPrivacyValueDisallowAll

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: D66B66C9

**Parameters**

No parameters required.

### InputPrivacyValueDisallowChatParticipants

**class** hydrogram.raw.types.InputPrivacyValueDisallowChatParticipants

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: E94F0F86

**Parameters**

**chats** (List of int 64-bit) – N/A

### InputPrivacyValueDisallowContacts

**class** hydrogram.raw.types.InputPrivacyValueDisallowContacts

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: BA52007

**Parameters**

No parameters required.

### InputPrivacyValueDisallowUsers

**class** hydrogram.raw.types.InputPrivacyValueDisallowUsers

Telegram API type.

Constructor of *InputPrivacyRule*.

**Details:**

- Layer: 176
- ID: 90110467

**Parameters**

users (List of *InputUser*) – N/A

### InputQuickReplyShortcut

**class** hydrogram.raw.types.InputQuickReplyShortcut

Telegram API type.

Constructor of *InputQuickReplyShortcut*.

**Details:**

- Layer: 176
- ID: 24596D41

**Parameters**

shortcut (str) – N/A

### InputQuickReplyShortcutId

**class** hydrogram.raw.types.InputQuickReplyShortcutId

Telegram API type.

Constructor of [InputQuickReplyShortcut](#).

**Details:**

- Layer: 176
- ID: 1190CF1

**Parameters**

**shortcut\_id** (int 32-bit) – N/A

### InputReplyToMessage

**class** hydrogram.raw.types.InputReplyToMessage

Telegram API type.

Constructor of [InputReplyTo](#).

**Details:**

- Layer: 176
- ID: 22C0F6D5

**Parameters**

- **reply\_to\_msg\_id** (int 32-bit) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A
- **reply\_to\_peer\_id** ([InputPeer](#), *optional*) – N/A
- **quote\_text** (str, *optional*) – N/A
- **quote\_entities** (List of [MessageEntity](#), *optional*) – N/A
- **quote\_offset** (int 32-bit, *optional*) – N/A

### InputReplyToStory

**class** hydrogram.raw.types.InputReplyToStory

Telegram API type.

Constructor of [InputReplyTo](#).

**Details:**

- Layer: 176
- ID: 5881323A

**Parameters**

- **peer** ([InputPeer](#)) – N/A
- **story\_id** (int 32-bit) – N/A

### InputReportReasonChildAbuse

**class** hydrogram.raw.types.InputReportReasonChildAbuse

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: ADF44EE3

**Parameters**

No parameters required.

### InputReportReasonCopyright

**class** hydrogram.raw.types.InputReportReasonCopyright

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: 9B89F93A

**Parameters**

No parameters required.

### InputReportReasonFake

**class** hydrogram.raw.types.InputReportReasonFake

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: F5DDD6E7

**Parameters**

No parameters required.

### InputReportReasonGeoIrrelevant

**class** hydrogram.raw.types.InputReportReasonGeoIrrelevant

Telegram API type.

Constructor of *ReportReason*.

**Details:**

- Layer: 176
- ID: DBD4FEED

**Parameters**

No parameters required.

### InputReportReasonIllegalDrugs

**class** hydrogram.raw.types.InputReportReasonIllegalDrugs

Telegram API type.

Constructor of *ReportReason*.

**Details:**

- Layer: 176
- ID: A8EB2BE

**Parameters**

No parameters required.

### InputReportReasonOther

**class** hydrogram.raw.types.InputReportReasonOther

Telegram API type.

Constructor of *ReportReason*.

**Details:**

- Layer: 176
- ID: C1E4A2B1

**Parameters**

No parameters required.

### InputReportReasonPersonalDetails

**class** hydrogram.raw.types.InputReportReasonPersonalDetails

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: 9EC7863D

**Parameters**

No parameters required.

### InputReportReasonPornography

**class** hydrogram.raw.types.InputReportReasonPornography

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: 2E59D922

**Parameters**

No parameters required.

### InputReportReasonSpam

**class** hydrogram.raw.types.InputReportReasonSpam

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: 58DBCAB8

**Parameters**

No parameters required.

### InputReportReasonViolence

**class** hydrogram.raw.types.**InputReportReasonViolence**

Telegram API type.

Constructor of [ReportReason](#).

**Details:**

- Layer: 176
- ID: 1E22C78D

**Parameters**

No parameters required.

### InputSecureFile

**class** hydrogram.raw.types.**InputSecureFile**

Telegram API type.

Constructor of [InputSecureFile](#).

**Details:**

- Layer: 176
- ID: 5367E5BE

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputSecureFileLocation

**class** hydrogram.raw.types.**InputSecureFileLocation**

Telegram API type.

Constructor of [InputFileLocation](#).

**Details:**

- Layer: 176
- ID: CBC7EE28

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputSecureFileUploaded

**class** hydrogram.raw.types.**InputSecureFileUploaded**

Telegram API type.

Constructor of [InputSecureFile](#).

### Details:

- Layer: 176
- ID: 3334B0F0

### Parameters

- **id** (int 64-bit) – N/A
- **parts** (int 32-bit) – N/A
- **md5\_checksum** (str) – N/A
- **file\_hash** (bytes) – N/A
- **secret** (bytes) – N/A

## InputSecureValue

**class** hydrogram.raw.types.**InputSecureValue**

Telegram API type.

Constructor of [InputSecureValue](#).

### Details:

- Layer: 176
- ID: DB21D0A7

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **data** ([SecureData](#), *optional*) – N/A
- **front\_side** ([InputSecureFile](#), *optional*) – N/A
- **reverse\_side** ([InputSecureFile](#), *optional*) – N/A
- **selfie** ([InputSecureFile](#), *optional*) – N/A
- **translation** (List of [InputSecureFile](#), *optional*) – N/A
- **files** (List of [InputSecureFile](#), *optional*) – N/A
- **plain\_data** ([SecurePlainData](#), *optional*) – N/A



## InputSingleMedia

**class** hydrogram.raw.types.InputSingleMedia

Telegram API type.

Constructor of *InputSingleMedia*.

### Details:

- Layer: 176
- ID: 1CC6E91F

### Parameters

- **media** (*InputMedia*) – N/A
- **random\_id** (int 64-bit) – N/A
- **message** (str) – N/A
- **entities** (List of *MessageEntity*, optional) – N/A

## InputStickerSetAnimatedEmoji

**class** hydrogram.raw.types.InputStickerSetAnimatedEmoji

Telegram API type.

Constructor of *InputStickerSet*.

### Details:

- Layer: 176
- ID: 28703C8

### Parameters

No parameters required.

## InputStickerSetAnimatedEmojiAnimations

**class** hydrogram.raw.types.InputStickerSetAnimatedEmojiAnimations

Telegram API type.

Constructor of *InputStickerSet*.

### Details:

- Layer: 176
- ID: CDE3739

### Parameters

No parameters required.

### InputStickerSetDice

**class** hydrogram.raw.types.InputStickerSetDice

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: E67F520E

**Parameters**

**emoticon** (str) – N/A

### InputStickerSetEmojiChannelDefaultStatuses

**class** hydrogram.raw.types.InputStickerSetEmojiChannelDefaultStatuses

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 49748553

**Parameters**

No parameters required.

### InputStickerSetEmojiDefaultStatuses

**class** hydrogram.raw.types.InputStickerSetEmojiDefaultStatuses

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 29D0F5EE

**Parameters**

No parameters required.

### InputStickerSetEmojiDefaultTopicIcons

**class** hydrogram.raw.types.InputStickerSetEmojiDefaultTopicIcons

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 44C1F8E9

**Parameters**

No parameters required.

### InputStickerSetEmojiGenericAnimations

**class** hydrogram.raw.types.InputStickerSetEmojiGenericAnimations

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 4C4D4CE

**Parameters**

No parameters required.

### InputStickerSetEmpty

**class** hydrogram.raw.types.InputStickerSetEmpty

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: FFB62B95

**Parameters**

No parameters required.

### InputStickerSetID

**class** hydrogram.raw.types.**InputStickerSetID**

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 9DE7A269

**Parameters**

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputStickerSetItem

**class** hydrogram.raw.types.**InputStickerSetItem**

Telegram API type.

Constructor of *InputStickerSetItem*.

**Details:**

- Layer: 176
- ID: 32DA9E9C

**Parameters**

- **document** (*InputDocument*) – N/A
- **emoji** (str) – N/A
- **mask\_coords** (*MaskCoords*, optional) – N/A
- **keywords** (str, optional) – N/A

### InputStickerSetPremiumGifts

**class** hydrogram.raw.types.**InputStickerSetPremiumGifts**

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: C88B3B02

**Parameters**

No parameters required.

### InputStickerSetShortName

**class** hydrogram.raw.types.**InputStickerSetShortName**

Telegram API type.

Constructor of *InputStickerSet*.

**Details:**

- Layer: 176
- ID: 861CC8A0

**Parameters**

**short\_name** (str) – N/A

### InputStickerSetThumb

**class** hydrogram.raw.types.**InputStickerSetThumb**

Telegram API type.

Constructor of *InputFileLocation*.

**Details:**

- Layer: 176
- ID: 9D84F3DB

**Parameters**

- **stickerset** (*InputStickerSet*) – N/A
- **thumb\_version** (int 32-bit) – N/A

### InputStickeredMediaDocument

**class** hydrogram.raw.types.**InputStickeredMediaDocument**

Telegram API type.

Constructor of *InputStickeredMedia*.

**Details:**

- Layer: 176
- ID: 438865B

**Parameters**

**id** (*InputDocument*) – N/A

### InputStickeredMediaPhoto

**class** hydrogram.raw.types.**InputStickeredMediaPhoto**

Telegram API type.

Constructor of *InputStickeredMedia*.

**Details:**

- Layer: 176
- ID: 4A992157

**Parameters**

**id** (*InputPhoto*) – N/A

### InputStorePaymentGiftPremium

**class** hydrogram.raw.types.**InputStorePaymentGiftPremium**

Telegram API type.

Constructor of *InputStorePaymentPurpose*.

**Details:**

- Layer: 176
- ID: 616F7FE8

**Parameters**

- **user\_id** (*InputUser*) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A

### InputStorePaymentPremiumGiftCode

**class** hydrogram.raw.types.**InputStorePaymentPremiumGiftCode**

Telegram API type.

Constructor of *InputStorePaymentPurpose*.

**Details:**

- Layer: 176
- ID: A3805F3F

**Parameters**

- **users** (List of *InputUser*) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A
- **boost\_peer** (*InputPeer*, *optional*) – N/A

## InputStorePaymentPremiumGiveaway

**class** hydrogram.raw.types.InputStorePaymentPremiumGiveaway

Telegram API type.

Constructor of [InputStorePaymentPurpose](#).

### Details:

- Layer: 176
- ID: 160544CA

### Parameters

- **boost\_peer** ([InputPeer](#)) – N/A
- **random\_id** (int 64-bit) – N/A
- **until\_date** (int 32-bit) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A
- **only\_new\_subscribers** (bool, *optional*) – N/A
- **winners\_are\_visible** (bool, *optional*) – N/A
- **additional\_peers** (List of [InputPeer](#), *optional*) – N/A
- **countries\_iso2** (List of str, *optional*) – N/A
- **prize\_description** (str, *optional*) – N/A

## InputStorePaymentPremiumSubscription

**class** hydrogram.raw.types.InputStorePaymentPremiumSubscription

Telegram API type.

Constructor of [InputStorePaymentPurpose](#).

### Details:

- Layer: 176
- ID: A6751E66

### Parameters

- **restore** (bool, *optional*) – N/A
- **upgrade** (bool, *optional*) – N/A

## InputTakeoutFileLocation

**class** hydrogram.raw.types.**InputTakeoutFileLocation**

Telegram API type.

Constructor of [InputFileLocation](#).

### Details:

- Layer: 176
- ID: 29BE5899

### Parameters

No parameters required.

## InputTheme

**class** hydrogram.raw.types.**InputTheme**

Telegram API type.

Constructor of [InputTheme](#).

### Details:

- Layer: 176
- ID: 3C5693E9

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

## InputThemeSettings

**class** hydrogram.raw.types.**InputThemeSettings**

Telegram API type.

Constructor of [InputThemeSettings](#).

### Details:

- Layer: 176
- ID: 8FDE504F

### Parameters

- **base\_theme** ([BaseTheme](#)) – N/A
- **accent\_color** (int 32-bit) – N/A
- **message\_colors\_animated** (bool, *optional*) – N/A
- **outbox\_accent\_color** (int 32-bit, *optional*) – N/A
- **message\_colors** (List of int 32-bit, *optional*) – N/A
- **wallpaper** ([InputWallPaper](#), *optional*) – N/A



- `wallpaper_settings` (*WallPaperSettings*, optional) – N/A

## InputThemeSlug

**class** `hydrogram.raw.types.InputThemeSlug`

Telegram API type.

Constructor of *InputTheme*.

### Details:

- Layer: 176
- ID: F5890DF1

### Parameters

`slug` (str) – N/A

## InputUser

**class** `hydrogram.raw.types.InputUser`

Telegram API type.

Constructor of *InputUser*.

### Details:

- Layer: 176
- ID: F21158C6

### Parameters

- `user_id` (int 64-bit) – N/A
- `access_hash` (int 64-bit) – N/A

## InputUserEmpty

**class** `hydrogram.raw.types.InputUserEmpty`

Telegram API type.

Constructor of *InputUser*.

### Details:

- Layer: 176
- ID: B98886CF

### Parameters

No parameters required.

## InputUserFromMessage

**class** hydrogram.raw.types.InputUserFromMessage

Telegram API type.

Constructor of [InputUser](#).

### Details:

- Layer: 176
- ID: 1DA448E2

### Parameters

- **peer** ([InputPeer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A

## InputUserSelf

**class** hydrogram.raw.types.InputUserSelf

Telegram API type.

Constructor of [InputUser](#).

### Details:

- Layer: 176
- ID: F7C1B13F

### Parameters

No parameters required.

## InputWallPaper

**class** hydrogram.raw.types.InputWallPaper

Telegram API type.

Constructor of [InputWallPaper](#).

### Details:

- Layer: 176
- ID: E630B979

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A

### InputWallPaperNoFile

**class** hydrogram.raw.types.**InputWallPaperNoFile**

Telegram API type.

Constructor of *InputWallPaper*.

**Details:**

- Layer: 176
- ID: 967A462E

**Parameters**

**id** (int 64-bit) – N/A

### InputWallPaperSlug

**class** hydrogram.raw.types.**InputWallPaperSlug**

Telegram API type.

Constructor of *InputWallPaper*.

**Details:**

- Layer: 176
- ID: 72091C80

**Parameters**

**slug** (str) – N/A

### InputWebDocument

**class** hydrogram.raw.types.**InputWebDocument**

Telegram API type.

Constructor of *InputWebDocument*.

**Details:**

- Layer: 176
- ID: 9BED434D

**Parameters**

- **url** (str) – N/A
- **size** (int 32-bit) – N/A
- **mime\_type** (str) – N/A
- **attributes** (List of *DocumentAttribute*) – N/A

### InputWebFileAudioAlbumThumbLocation

**class** hydrogram.raw.types.**InputWebFileAudioAlbumThumbLocation**

Telegram API type.

Constructor of [InputWebFileLocation](#).

**Details:**

- Layer: 176
- ID: F46FE924

**Parameters**

- **small** (bool, *optional*) – N/A
- **document** ([InputDocument](#), *optional*) – N/A
- **title** (str, *optional*) – N/A
- **performer** (str, *optional*) – N/A

### InputWebFileGeoPointLocation

**class** hydrogram.raw.types.**InputWebFileGeoPointLocation**

Telegram API type.

Constructor of [InputWebFileLocation](#).

**Details:**

- Layer: 176
- ID: 9F2221C9

**Parameters**

- **geo\_point** ([InputGeoPoint](#)) – N/A
- **access\_hash** (int 64-bit) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **zoom** (int 32-bit) – N/A
- **scale** (int 32-bit) – N/A

### InputWebFileLocation

**class** hydrogram.raw.types.**InputWebFileLocation**

Telegram API type.

Constructor of [InputWebFileLocation](#).

**Details:**

- Layer: 176
- ID: C239D686

**Parameters**

- **url** (*str*) – N/A
- **access\_hash** (*int 64-bit*) – N/A

**Invoice**

**class** hydrogram.raw.types.**Invoice**

Telegram API type.

Constructor of [Invoice](#).

**Details:**

- Layer: 176
- ID: 5DB95A15

**Parameters**

- **currency** (*str*) – N/A
- **prices** (List of [LabeledPrice](#)) – N/A
- **test** (*bool, optional*) – N/A
- **name\_requested** (*bool, optional*) – N/A
- **phone\_requested** (*bool, optional*) – N/A
- **email\_requested** (*bool, optional*) – N/A
- **shipping\_address\_requested** (*bool, optional*) – N/A
- **flexible** (*bool, optional*) – N/A
- **phone\_to\_provider** (*bool, optional*) – N/A
- **email\_to\_provider** (*bool, optional*) – N/A
- **recurring** (*bool, optional*) – N/A
- **max\_tip\_amount** (*int 64-bit, optional*) – N/A
- **suggested\_tip\_amounts** (List of *int 64-bit, optional*) – N/A
- **terms\_url** (*str, optional*) – N/A

**IpPort**

**class** hydrogram.raw.types.**IpPort**

Telegram API type.

Constructor of [IpPort](#).

**Details:**

- Layer: 176
- ID: D433AD73

**Parameters**

- **ipv4** (*int 32-bit*) – N/A

- **port** (int 32-bit) – N/A

### IpPortSecret

**class** hydrogram.raw.types.**IpPortSecret**

Telegram API type.

Constructor of *IpPort*.

#### Details:

- Layer: 176
- ID: 37982646

#### Parameters

- **ipv4** (int 32-bit) – N/A
- **port** (int 32-bit) – N/A
- **secret** (bytes) – N/A

### JsonArray

**class** hydrogram.raw.types.**JsonArray**

Telegram API type.

Constructor of *JSONValue*.

#### Details:

- Layer: 176
- ID: F7444763

#### Parameters

**value** (List of *JSONValue*) – N/A

### JsonBool

**class** hydrogram.raw.types.**JsonBool**

Telegram API type.

Constructor of *JSONValue*.

#### Details:

- Layer: 176
- ID: C7345E6A

#### Parameters

**value** (bool) – N/A

## JsonNull

**class** hydrogram.raw.types.JsonNull

Telegram API type.

Constructor of *JSONValue*.

### Details:

- Layer: 176
- ID: 3F6D7B68

### Parameters

No parameters required.

## JsonNumber

**class** hydrogram.raw.types.JsonNumber

Telegram API type.

Constructor of *JSONValue*.

### Details:

- Layer: 176
- ID: 2BE0DFA4

### Parameters

**value** (float 64-bit) – N/A

## JsonObject

**class** hydrogram.raw.types.JsonObject

Telegram API type.

Constructor of *JSONValue*.

### Details:

- Layer: 176
- ID: 99C1D49D

### Parameters

**value** (List of *JSONObjectValue*) – N/A

## JsonObjectValue

**class** hydrogram.raw.types.JsonObjectValue

Telegram API type.

Constructor of *JSONObjectValue*.

### Details:

- Layer: 176
- ID: C0DE1BD9

### Parameters

- **key** (str) – N/A
- **value** (*JSONValue*) – N/A

## JsonString

**class** hydrogram.raw.types.JsonString

Telegram API type.

Constructor of *JSONValue*.

### Details:

- Layer: 176
- ID: B71E767A

### Parameters

- **value** (str) – N/A

## KeyboardButton

**class** hydrogram.raw.types.KeyboardButton

Telegram API type.

Constructor of *KeyboardButton*.

### Details:

- Layer: 176
- ID: A2FA4880

### Parameters

- **text** (str) – N/A



### KeyboardButtonBuy

**class** hydrogram.raw.types.KeyboardButtonBuy

Telegram API type.

Constructor of *KeyboardButton*.

**Details:**

- Layer: 176
- ID: AFD93FBB

**Parameters**

**text** (str) – N/A

### KeyboardButtonCallback

**class** hydrogram.raw.types.KeyboardButtonCallback

Telegram API type.

Constructor of *KeyboardButton*.

**Details:**

- Layer: 176
- ID: 35BBDB6B

**Parameters**

- **text** (str) – N/A
- **data** (bytes) – N/A
- **requires\_password** (bool, *optional*) – N/A

### KeyboardButtonGame

**class** hydrogram.raw.types.KeyboardButtonGame

Telegram API type.

Constructor of *KeyboardButton*.

**Details:**

- Layer: 176
- ID: 50F41CCF

**Parameters**

**text** (str) – N/A

### KeyboardButtonRequestGeoLocation

**class** hydrogram.raw.types.KeyboardButtonRequestGeoLocation

Telegram API type.

Constructor of *KeyboardButton*.

#### Details:

- Layer: 176
- ID: FC796B3F

#### Parameters

**text** (str) – N/A

### KeyboardButtonRequestPeer

**class** hydrogram.raw.types.KeyboardButtonRequestPeer

Telegram API type.

Constructor of *KeyboardButton*.

#### Details:

- Layer: 176
- ID: 53D7BFD8

#### Parameters

- **text** (str) – N/A
- **button\_id** (int 32-bit) – N/A
- **peer\_type** (*RequestPeerType*) – N/A
- **max\_quantity** (int 32-bit) – N/A

### KeyboardButtonRequestPhone

**class** hydrogram.raw.types.KeyboardButtonRequestPhone

Telegram API type.

Constructor of *KeyboardButton*.

#### Details:

- Layer: 176
- ID: B16A6C29

#### Parameters

**text** (str) – N/A

### KeyboardButtonRequestPoll

**class** hydrogram.raw.types.KeyboardButtonRequestPoll

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: BBC7515D

#### Parameters

- **text** (str) – N/A
- **quiz** (bool, *optional*) – N/A

### KeyboardButtonRow

**class** hydrogram.raw.types.KeyboardButtonRow

Telegram API type.

Constructor of [KeyboardButtonRow](#).

#### Details:

- Layer: 176
- ID: 77608B83

#### Parameters

**buttons** (List of [KeyboardButton](#)) – N/A

### KeyboardButtonSimpleWebView

**class** hydrogram.raw.types.KeyboardButtonSimpleWebView

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: A0C0505C

#### Parameters

- **text** (str) – N/A
- **url** (str) – N/A

### KeyboardButtonSwitchInline

**class** hydrogram.raw.types.KeyboardButtonSwitchInline

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: 93B9FBB5

#### Parameters

- **text** (str) – N/A
- **query** (str) – N/A
- **same\_peer** (bool, *optional*) – N/A
- **peer\_types** (List of [InlineQueryPeerType](#), *optional*) – N/A

### KeyboardButtonUrl

**class** hydrogram.raw.types.KeyboardButtonUrl

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: 258AFF05

#### Parameters

- **text** (str) – N/A
- **url** (str) – N/A

### KeyboardButtonUrlAuth

**class** hydrogram.raw.types.KeyboardButtonUrlAuth

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: 10B78D29

#### Parameters

- **text** (str) – N/A
- **url** (str) – N/A
- **button\_id** (int 32-bit) – N/A

- **fwd\_text** (str, *optional*) – N/A

### KeyboardButtonUserProfile

**class** hydrogram.raw.types.KeyboardButtonUserProfile

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: 308660C1

#### Parameters

- **text** (str) – N/A
- **user\_id** (int 64-bit) – N/A

### KeyboardButtonWebView

**class** hydrogram.raw.types.KeyboardButtonWebView

Telegram API type.

Constructor of [KeyboardButton](#).

#### Details:

- Layer: 176
- ID: 13767230

#### Parameters

- **text** (str) – N/A
- **url** (str) – N/A

### LabeledPrice

**class** hydrogram.raw.types.LabeledPrice

Telegram API type.

Constructor of [LabeledPrice](#).

#### Details:

- Layer: 176
- ID: CB296BF8

#### Parameters

- **label** (str) – N/A
- **amount** (int 64-bit) – N/A

## LangPackDifference

**class** hydrogram.raw.types.LangPackDifference

Telegram API type.

Constructor of *LangPackDifference*.

### Details:

- Layer: 176
- ID: F385C1F6

### Parameters

- **lang\_code** (str) – N/A
- **from\_version** (int 32-bit) – N/A
- **version** (int 32-bit) – N/A
- **strings** (List of *LangPackString*) – N/A

### Functions:

This object can be returned by 2 functions.

|                               |                        |
|-------------------------------|------------------------|
| <i>langpack.GetLangPack</i>   | Telegram API function. |
| <i>langpack.GetDifference</i> | Telegram API function. |

## LangPackLanguage

**class** hydrogram.raw.types.LangPackLanguage

Telegram API type.

Constructor of *LangPackLanguage*.

### Details:

- Layer: 176
- ID: EECA5CE3

### Parameters

- **name** (str) – N/A
- **native\_name** (str) – N/A
- **lang\_code** (str) – N/A
- **plural\_code** (str) – N/A
- **strings\_count** (int 32-bit) – N/A
- **translated\_count** (int 32-bit) – N/A
- **translations\_url** (str) – N/A
- **official** (bool, *optional*) – N/A
- **rtl** (bool, *optional*) – N/A
- **beta** (bool, *optional*) – N/A

- **base\_lang\_code** (str, *optional*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>langpack.GetLanguages</i> | Telegram API function. |
| <i>langpack.GetLanguage</i>  | Telegram API function. |

**LangPackString**

**class** hydrogram.raw.types.LangPackString

Telegram API type.

Constructor of *LangPackString*.

**Details:**

- Layer: 176
- ID: CAD181F6

**Parameters**

- **key** (str) – N/A
- **value** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>langpack.GetStrings</i> | Telegram API function. |
|----------------------------|------------------------|

**LangPackStringDeleted**

**class** hydrogram.raw.types.LangPackStringDeleted

Telegram API type.

Constructor of *LangPackString*.

**Details:**

- Layer: 176
- ID: 2979EEB2

**Parameters**

- key** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>langpack.GetStrings</i> | Telegram API function. |
|----------------------------|------------------------|

## LangPackStringPluralized

**class** hydrogram.raw.types.LangPackStringPluralized

Telegram API type.

Constructor of *LangPackString*.

### Details:

- Layer: 176
- ID: 6C47AC9F

### Parameters

- **key** (str) – N/A
- **other\_value** (str) – N/A
- **zero\_value** (str, optional) – N/A
- **one\_value** (str, optional) – N/A
- **two\_value** (str, optional) – N/A
- **few\_value** (str, optional) – N/A
- **many\_value** (str, optional) – N/A

### Functions:

This object can be returned by 1 function.

|                            |
|----------------------------|
| <i>langpack.GetStrings</i> |
|----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## MaskCoords

**class** hydrogram.raw.types.MaskCoords

Telegram API type.

Constructor of *MaskCoords*.

### Details:

- Layer: 176
- ID: AED6DBB2

### Parameters

- **n** (int 32-bit) – N/A
- **x** (float 64-bit) – N/A
- **y** (float 64-bit) – N/A
- **zoom** (float 64-bit) – N/A



## MediaAreaChannelPost

**class** hydrogram.raw.types.**MediaAreaChannelPost**

Telegram API type.

Constructor of [MediaArea](#).

### Details:

- Layer: 176
- ID: 770416AF

### Parameters

- **coordinates** ([MediaAreaCoordinates](#)) – N/A
- **channel\_id** (int 64-bit) – N/A
- **msg\_id** (int 32-bit) – N/A

## MediaAreaCoordinates

**class** hydrogram.raw.types.**MediaAreaCoordinates**

Telegram API type.

Constructor of [MediaAreaCoordinates](#).

### Details:

- Layer: 176
- ID: 3D1EA4E

### Parameters

- **x** (float 64-bit) – N/A
- **y** (float 64-bit) – N/A
- **w** (float 64-bit) – N/A
- **h** (float 64-bit) – N/A
- **rotation** (float 64-bit) – N/A

## MediaAreaGeoPoint

**class** hydrogram.raw.types.**MediaAreaGeoPoint**

Telegram API type.

Constructor of [MediaArea](#).

### Details:

- Layer: 176
- ID: DF8B3B22

### Parameters

- **coordinates** ([MediaAreaCoordinates](#)) – N/A

- **geo** (*GeoPoint*) – N/A

### MediaAreaSuggestedReaction

**class** hydrogram.raw.types.**MediaAreaSuggestedReaction**

Telegram API type.

Constructor of *MediaArea*.

#### Details:

- Layer: 176
- ID: 14455871

#### Parameters

- **coordinates** (*MediaAreaCoordinates*) – N/A
- **reaction** (*Reaction*) – N/A
- **dark** (bool, *optional*) – N/A
- **flipped** (bool, *optional*) – N/A

### MediaAreaVenue

**class** hydrogram.raw.types.**MediaAreaVenue**

Telegram API type.

Constructor of *MediaArea*.

#### Details:

- Layer: 176
- ID: BE82DB9C

#### Parameters

- **coordinates** (*MediaAreaCoordinates*) – N/A
- **geo** (*GeoPoint*) – N/A
- **title** (str) – N/A
- **address** (str) – N/A
- **provider** (str) – N/A
- **venue\_id** (str) – N/A
- **venue\_type** (str) – N/A

## Message

**class** hydrogram.raw.types.**Message**

Telegram API type.

Constructor of [Message](#).

### Details:

- Layer: 176
- ID: A66C7EFC

### Parameters

- **id** (int 32-bit) – N/A
- **peer\_id** ([Peer](#)) – N/A
- **date** (int 32-bit) – N/A
- **message** (str) – N/A
- **out** (bool, *optional*) – N/A
- **mentioned** (bool, *optional*) – N/A
- **media\_unread** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **post** (bool, *optional*) – N/A
- **from\_scheduled** (bool, *optional*) – N/A
- **legacy** (bool, *optional*) – N/A
- **edit\_hide** (bool, *optional*) – N/A
- **pinned** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **invert\_media** (bool, *optional*) – N/A
- **from\_id** ([Peer](#), *optional*) – N/A
- **from\_boosts\_applied** (int 32-bit, *optional*) – N/A
- **saved\_peer\_id** ([Peer](#), *optional*) – N/A
- **fwd\_from** ([MessageFwdHeader](#), *optional*) – N/A
- **via\_bot\_id** (int 64-bit, *optional*) – N/A
- **reply\_to** ([MessageReplyHeader](#), *optional*) – N/A
- **media** ([MessageMedia](#), *optional*) – N/A
- **reply\_markup** ([ReplyMarkup](#), *optional*) – N/A
- **entities** (List of [MessageEntity](#), *optional*) – N/A
- **views** (int 32-bit, *optional*) – N/A
- **forwards** (int 32-bit, *optional*) – N/A
- **replies** ([MessageReplies](#), *optional*) – N/A
- **edit\_date** (int 32-bit, *optional*) – N/A

- **post\_author** (*str, optional*) – N/A
- **grouped\_id** (*int 64-bit, optional*) – N/A
- **reactions** (*MessageReactions, optional*) – N/A
- **restriction\_reason** (List of *RestrictionReason, optional*) – N/A
- **ttl\_period** (*int 32-bit, optional*) – N/A
- **quick\_reply\_shortcut\_id** (*int 32-bit, optional*) – N/A

### MessageActionBoostApply

**class** hydrogram.raw.types.MessageActionBoostApply

Telegram API type.

Constructor of *MessageAction*.

#### Details:

- Layer: 176
- ID: CC02AA6D

#### Parameters

**boosts** (*int 32-bit*) – N/A

### MessageActionBotAllowed

**class** hydrogram.raw.types.MessageActionBotAllowed

Telegram API type.

Constructor of *MessageAction*.

#### Details:

- Layer: 176
- ID: C516D679

#### Parameters

- **attach\_menu** (*bool, optional*) – N/A
- **from\_request** (*bool, optional*) – N/A
- **domain** (*str, optional*) – N/A
- **app** (*BotApp, optional*) – N/A

### MessageActionChannelCreate

**class** hydrogram.raw.types.MessageActionChannelCreate

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 95D2AC92

**Parameters**

**title** (str) – N/A

### MessageActionChannelMigrateFrom

**class** hydrogram.raw.types.MessageActionChannelMigrateFrom

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: EA3948E9

**Parameters**

- **title** (str) – N/A
- **chat\_id** (int 64-bit) – N/A

### MessageActionChatAddUser

**class** hydrogram.raw.types.MessageActionChatAddUser

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 15CEFD00

**Parameters**

**users** (List of int 64-bit) – N/A

### MessageActionChatCreate

**class** hydrogram.raw.types.MessageActionChatCreate

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: BD47CBAD

**Parameters**

- **title** (str) – N/A
- **users** (List of int 64-bit) – N/A

### MessageActionChatDeletePhoto

**class** hydrogram.raw.types.MessageActionChatDeletePhoto

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 95E3FBEF

**Parameters**

No parameters required.

### MessageActionChatDeleteUser

**class** hydrogram.raw.types.MessageActionChatDeleteUser

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: A43F30CC

**Parameters**

**user\_id** (int 64-bit) – N/A

### MessageActionChatEditPhoto

**class** hydrogram.raw.types.MessageActionChatEditPhoto

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 7FCB13A8

**Parameters**

**photo** (*Photo*) – N/A

### MessageActionChatEditTitle

**class** hydrogram.raw.types.MessageActionChatEditTitle

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: B5A1CE5A

**Parameters**

**title** (str) – N/A

### MessageActionChatJoinedByLink

**class** hydrogram.raw.types.MessageActionChatJoinedByLink

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 31224C3

**Parameters**

**inviter\_id** (int 64-bit) – N/A

### MessageActionChatJoinedByRequest

**class** hydrogram.raw.types.MessageActionChatJoinedByRequest

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: EBBCA3CB

**Parameters**

No parameters required.

### MessageActionChatMigrateTo

**class** hydrogram.raw.types.MessageActionChatMigrateTo

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: E1037F92

**Parameters**

**channel\_id** (int 64-bit) – N/A

### MessageActionContactSignUp

**class** hydrogram.raw.types.MessageActionContactSignUp

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: F3F25F76

**Parameters**

No parameters required.



### MessageActionCustomAction

**class** hydrogram.raw.types.MessageActionCustomAction

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: FAE69F56

**Parameters**

**message** (str) – N/A

### MessageActionEmpty

**class** hydrogram.raw.types.MessageActionEmpty

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: B6AEF7B0

**Parameters**

No parameters required.

### MessageActionGameScore

**class** hydrogram.raw.types.MessageActionGameScore

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 92A72876

**Parameters**

- **game\_id** (int 64-bit) – N/A
- **score** (int 32-bit) – N/A

## MessageActionGeoProximityReached

**class** hydrogram.raw.types.MessageActionGeoProximityReached

Telegram API type.

Constructor of *MessageAction*.

### Details:

- Layer: 176
- ID: 98E0D697

### Parameters

- **from\_id** (*Peer*) – N/A
- **to\_id** (*Peer*) – N/A
- **distance** (int 32-bit) – N/A

## MessageActionGiftCode

**class** hydrogram.raw.types.MessageActionGiftCode

Telegram API type.

Constructor of *MessageAction*.

### Details:

- Layer: 176
- ID: 678C2E09

### Parameters

- **months** (int 32-bit) – N/A
- **slug** (str) – N/A
- **via\_giveaway** (bool, *optional*) – N/A
- **unclaimed** (bool, *optional*) – N/A
- **boost\_peer** (*Peer*, *optional*) – N/A
- **currency** (str, *optional*) – N/A
- **amount** (int 64-bit, *optional*) – N/A
- **crypto\_currency** (str, *optional*) – N/A
- **crypto\_amount** (int 64-bit, *optional*) – N/A

### MessageActionGiftPremium

**class** hydrogram.raw.types.MessageActionGiftPremium

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: C83D6AEC

**Parameters**

- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A
- **months** (int 32-bit) – N/A
- **crypto\_currency** (str, *optional*) – N/A
- **crypto\_amount** (int 64-bit, *optional*) – N/A

### MessageActionGiveawayLaunch

**class** hydrogram.raw.types.MessageActionGiveawayLaunch

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 332BA9ED

**Parameters**

No parameters required.

### MessageActionGiveawayResults

**class** hydrogram.raw.types.MessageActionGiveawayResults

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 2A9FADC5

**Parameters**

- **winners\_count** (int 32-bit) – N/A
- **unclaimed\_count** (int 32-bit) – N/A

### MessageActionGroupCall

**class** hydrogram.raw.types.MessageActionGroupCall

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 7A0D7F42

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **duration** (int 32-bit, *optional*) – N/A

### MessageActionGroupCallScheduled

**class** hydrogram.raw.types.MessageActionGroupCallScheduled

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: B3A07661

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **schedule\_date** (int 32-bit) – N/A

### MessageActionHistoryClear

**class** hydrogram.raw.types.MessageActionHistoryClear

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 9FBAB604

**Parameters**

No parameters required.

### MessageActionInviteToGroupCall

**class** hydrogram.raw.types.MessageActionInviteToGroupCall

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 502F92F7

**Parameters**

- **call** (*InputGroupCall*) – N/A
- **users** (List of int 64-bit) – N/A

### MessageActionPaymentSent

**class** hydrogram.raw.types.MessageActionPaymentSent

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 96163F56

**Parameters**

- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A
- **recurring\_init** (bool, *optional*) – N/A
- **recurring\_used** (bool, *optional*) – N/A
- **invoice\_slug** (str, *optional*) – N/A

### MessageActionPaymentSentMe

**class** hydrogram.raw.types.MessageActionPaymentSentMe

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 8F31B327

**Parameters**

- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A

- **payload** (bytes) – N/A
- **charge** ([PaymentCharge](#)) – N/A
- **recurring\_init** (bool, *optional*) – N/A
- **recurring\_used** (bool, *optional*) – N/A
- **info** ([PaymentRequestedInfo](#), *optional*) – N/A
- **shipping\_option\_id** (str, *optional*) – N/A

### MessageActionPhoneCall

**class** hydrogram.raw.types.MessageActionPhoneCall

Telegram API type.

Constructor of [MessageAction](#).

#### Details:

- Layer: 176
- ID: 80E11A7F

#### Parameters

- **call\_id** (int 64-bit) – N/A
- **video** (bool, *optional*) – N/A
- **reason** ([PhoneCallDiscardReason](#), *optional*) – N/A
- **duration** (int 32-bit, *optional*) – N/A

### MessageActionPinMessage

**class** hydrogram.raw.types.MessageActionPinMessage

Telegram API type.

Constructor of [MessageAction](#).

#### Details:

- Layer: 176
- ID: 94BD38ED

#### Parameters

No parameters required.

### MessageActionRequestedPeer

**class** hydrogram.raw.types.MessageActionRequestedPeer

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 31518E9B

**Parameters**

- **button\_id** (int 32-bit) – N/A
- **peers** (List of *Peer*) – N/A

### MessageActionScreenshotTaken

**class** hydrogram.raw.types.MessageActionScreenshotTaken

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 4792929B

**Parameters**

No parameters required.

### MessageActionSecureValuesSent

**class** hydrogram.raw.types.MessageActionSecureValuesSent

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: D95C6154

**Parameters**

**types** (List of *SecureValueType*) – N/A

### MessageActionSecureValuesSentMe

**class** hydrogram.raw.types.MessageActionSecureValuesSentMe

Telegram API type.

Constructor of *MessageAction*.

#### Details:

- Layer: 176
- ID: 1B287353

#### Parameters

- **values** (List of *SecureValue*) – N/A
- **credentials** (*SecureCredentialsEncrypted*) – N/A

### MessageActionSetChatTheme

**class** hydrogram.raw.types.MessageActionSetChatTheme

Telegram API type.

Constructor of *MessageAction*.

#### Details:

- Layer: 176
- ID: AA786345

#### Parameters

**emoticon** (str) – N/A

### MessageActionSetChatWallPaper

**class** hydrogram.raw.types.MessageActionSetChatWallPaper

Telegram API type.

Constructor of *MessageAction*.

#### Details:

- Layer: 176
- ID: 5060A3F4

#### Parameters

- **wallpaper** (*WallPaper*) – N/A
- **same** (bool, *optional*) – N/A
- **for\_both** (bool, *optional*) – N/A



### MessageActionSetMessagesTTL

**class** hydrogram.raw.types.MessageActionSetMessagesTTL

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 3C134D7B

**Parameters**

- **period** (int 32-bit) – N/A
- **auto\_setting\_from** (int 64-bit, *optional*) – N/A

### MessageActionSuggestProfilePhoto

**class** hydrogram.raw.types.MessageActionSuggestProfilePhoto

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: 57DE635E

**Parameters**

**photo** (*Photo*) – N/A

### MessageActionTopicCreate

**class** hydrogram.raw.types.MessageActionTopicCreate

Telegram API type.

Constructor of *MessageAction*.

**Details:**

- Layer: 176
- ID: D999256

**Parameters**

- **title** (str) – N/A
- **icon\_color** (int 32-bit) – N/A
- **icon\_emoji\_id** (int 64-bit, *optional*) – N/A

### MessageActionTopicEdit

**class** hydrogram.raw.types.MessageActionTopicEdit

Telegram API type.

Constructor of [MessageAction](#).

**Details:**

- Layer: 176
- ID: C0944820

**Parameters**

- **title** (str, *optional*) – N/A
- **icon\_emoji\_id** (int 64-bit, *optional*) – N/A
- **closed** (bool, *optional*) – N/A
- **hidden** (bool, *optional*) – N/A

### MessageActionWebViewDataSent

**class** hydrogram.raw.types.MessageActionWebViewDataSent

Telegram API type.

Constructor of [MessageAction](#).

**Details:**

- Layer: 176
- ID: B4C38CB5

**Parameters**

**text** (str) – N/A

### MessageActionWebViewDataSentMe

**class** hydrogram.raw.types.MessageActionWebViewDataSentMe

Telegram API type.

Constructor of [MessageAction](#).

**Details:**

- Layer: 176
- ID: 47DD8079

**Parameters**

- **text** (str) – N/A
- **data** (str) – N/A

## MessageEmpty

**class** hydrogram.raw.types.**MessageEmpty**

Telegram API type.

Constructor of *Message*.

### Details:

- Layer: 176
- ID: 90A6CA84

### Parameters

- **id** (int 32-bit) – N/A
- **peer\_id** (*Peer*, optional) – N/A

## MessageEntityBankCard

**class** hydrogram.raw.types.**MessageEntityBankCard**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 761E6AF4

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityBlockquote

**class** hydrogram.raw.types.**MessageEntityBlockquote**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 20DF5D0

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityBold

**class** hydrogram.raw.types.**MessageEntityBold**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: BD610BC9

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityBotCommand

**class** hydrogram.raw.types.**MessageEntityBotCommand**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 6CEF8AC7

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityCashtag

**class** hydrogram.raw.types.**MessageEntityCashtag**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 4C4E743F

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityCode

**class** hydrogram.raw.types.**MessageEntityCode**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 28A20571

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityCustomEmoji

**class** hydrogram.raw.types.**MessageEntityCustomEmoji**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: C8CF05F8

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A
- **document\_id** (int 64-bit) – N/A

### MessageEntityEmail

**class** hydrogram.raw.types.**MessageEntityEmail**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 64E475C2

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityHashtag

**class** hydrogram.raw.types.**MessageEntityHashtag**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 6F635B0D

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityItalic

**class** hydrogram.raw.types.**MessageEntityItalic**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 826F8B60

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityMention

**class** hydrogram.raw.types.**MessageEntityMention**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: FA04579D

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityMentionName

**class** hydrogram.raw.types.**MessageEntityMentionName**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: DC7B1140

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A

### MessageEntityPhone

**class** hydrogram.raw.types.**MessageEntityPhone**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 9B69E34B

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityPre

**class** hydrogram.raw.types.**MessageEntityPre**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 73924BE0

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A
- **language** (str) – N/A

### MessageEntitySpoiler

**class** hydrogram.raw.types.**MessageEntitySpoiler**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 32CA960F

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityStrike

**class** hydrogram.raw.types.**MessageEntityStrike**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: BF0693D4

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

### MessageEntityTextUrl

**class** hydrogram.raw.types.**MessageEntityTextUrl**

Telegram API type.

Constructor of *MessageEntity*.

**Details:**

- Layer: 176
- ID: 76A6D327

**Parameters**

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A
- **url** (str) – N/A



## MessageEntityUnderline

**class** hydrogram.raw.types.**MessageEntityUnderline**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 9C4E7E8B

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityUnknown

**class** hydrogram.raw.types.**MessageEntityUnknown**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: BB92BA95

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageEntityUrl

**class** hydrogram.raw.types.**MessageEntityUrl**

Telegram API type.

Constructor of *MessageEntity*.

### Details:

- Layer: 176
- ID: 6ED02538

### Parameters

- **offset** (int 32-bit) – N/A
- **length** (int 32-bit) – N/A

## MessageExtendedMedia

**class** hydrogram.raw.types.MessageExtendedMedia

Telegram API type.

Constructor of *MessageExtendedMedia*.

### Details:

- Layer: 176
- ID: EE479C64

### Parameters

**media** (*MessageMedia*) – N/A

## MessageExtendedMediaPreview

**class** hydrogram.raw.types.MessageExtendedMediaPreview

Telegram API type.

Constructor of *MessageExtendedMedia*.

### Details:

- Layer: 176
- ID: AD628CC8

### Parameters

- **w** (int 32-bit, *optional*) – N/A
- **h** (int 32-bit, *optional*) – N/A
- **thumb** (*PhotoSize*, *optional*) – N/A
- **video\_duration** (int 32-bit, *optional*) – N/A

## MessageFwdHeader

**class** hydrogram.raw.types.MessageFwdHeader

Telegram API type.

Constructor of *MessageFwdHeader*.

### Details:

- Layer: 176
- ID: 4E4DF4BB

### Parameters

- **date** (int 32-bit) – N/A
- **imported** (bool, *optional*) – N/A
- **saved\_out** (bool, *optional*) – N/A
- **from\_id** (*Peer*, *optional*) – N/A

- **from\_name** (str, *optional*) – N/A
- **channel\_post** (int 32-bit, *optional*) – N/A
- **post\_author** (str, *optional*) – N/A
- **saved\_from\_peer** ([Peer](#), *optional*) – N/A
- **saved\_from\_msg\_id** (int 32-bit, *optional*) – N/A
- **saved\_from\_id** ([Peer](#), *optional*) – N/A
- **saved\_from\_name** (str, *optional*) – N/A
- **saved\_date** (int 32-bit, *optional*) – N/A
- **psa\_type** (str, *optional*) – N/A

## MessageMediaContact

**class** hydrogram.raw.types.**MessageMediaContact**

Telegram API type.

Constructor of [MessageMedia](#).

### Details:

- Layer: 176
- ID: 70322949

### Parameters

- **phone\_number** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **vcard** (str) – N/A
- **user\_id** (int 64-bit) – N/A

### Functions:

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <a href="#">messages.GetWebPagePreview</a>   | Telegram API function. |
| <a href="#">messages.UploadMedia</a>         | Telegram API function. |
| <a href="#">messages.UploadImportedMedia</a> | Telegram API function. |

## MessageMediaDice

**class** hydrogram.raw.types.**MessageMediaDice**

Telegram API type.

Constructor of [MessageMedia](#).

### Details:

- Layer: 176
- ID: 3F7EE58B

**Parameters**

- **value** (int 32-bit) – N/A
- **emoticon** (str) – N/A

**Functions:**

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

**MessageMediaDocument**

**class** hydrogram.raw.types.**MessageMediaDocument**

Telegram API type.

Constructor of *MessageMedia*.

**Details:**

- Layer: 176
- ID: 4CF4D72D

**Parameters**

- **nopremium** (bool, *optional*) – N/A
- **spoiler** (bool, *optional*) – N/A
- **video** (bool, *optional*) – N/A
- **round** (bool, *optional*) – N/A
- **voice** (bool, *optional*) – N/A
- **document** (*Document*, *optional*) – N/A
- **alt\_document** (*Document*, *optional*) – N/A
- **ttl\_seconds** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaEmpty

**class** hydrogram.raw.types.MessageMediaEmpty

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 3DED6320

### Parameters

No parameters required.

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaGame

**class** hydrogram.raw.types.MessageMediaGame

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: FDB19008

### Parameters

**game** (*Game*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaGeo

**class** hydrogram.raw.types.MessageMediaGeo

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 56E0D474

### Parameters

**geo** (*GeoPoint*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaGeoLive

**class** hydrogram.raw.types.MessageMediaGeoLive

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: B940C666

### Parameters

- **geo** (*GeoPoint*) – N/A
- **period** (int 32-bit) – N/A
- **heading** (int 32-bit, *optional*) – N/A
- **proximity\_notification\_radius** (int 32-bit, *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaGiveaway

**class** hydrogram.raw.types.MessageMediaGiveaway

Telegram API type.

Constructor of [MessageMedia](#).

### Details:

- Layer: 176
- ID: DAAD85B0

### Parameters

- **channels** (List of int 64-bit) – N/A
- **quantity** (int 32-bit) – N/A
- **months** (int 32-bit) – N/A
- **until\_date** (int 32-bit) – N/A
- **only\_new\_subscribers** (bool, *optional*) – N/A
- **winners\_are\_visible** (bool, *optional*) – N/A
- **countries\_iso2** (List of str, *optional*) – N/A
- **prize\_description** (str, *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <a href="#">messages.GetWebPagePreview</a>   | Telegram API function. |
| <a href="#">messages.UploadMedia</a>         | Telegram API function. |
| <a href="#">messages.UploadImportedMedia</a> | Telegram API function. |

## MessageMediaGiveawayResults

**class** hydrogram.raw.types.MessageMediaGiveawayResults

Telegram API type.

Constructor of [MessageMedia](#).

### Details:

- Layer: 176
- ID: C6991068

### Parameters

- **channel\_id** (int 64-bit) – N/A
- **launch\_msg\_id** (int 32-bit) – N/A
- **winners\_count** (int 32-bit) – N/A
- **unclaimed\_count** (int 32-bit) – N/A
- **winners** (List of int 64-bit) – N/A

- **months** (int 32-bit) – N/A
- **until\_date** (int 32-bit) – N/A
- **only\_new\_subscribers** (bool, *optional*) – N/A
- **refunded** (bool, *optional*) – N/A
- **additional\_peers\_count** (int 32-bit, *optional*) – N/A
- **prize\_description** (str, *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <code>messages.GetWebPagePreview</code>   | Telegram API function. |
| <code>messages.UploadMedia</code>         | Telegram API function. |
| <code>messages.UploadImportedMedia</code> | Telegram API function. |

**MessageMediaInvoice**

**class** hydrogram.raw.types.**MessageMediaInvoice**

Telegram API type.

Constructor of `MessageMedia`.

**Details:**

- Layer: 176
- ID: F6A548D3

**Parameters**

- **title** (str) – N/A
- **description** (str) – N/A
- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A
- **start\_param** (str) – N/A
- **shipping\_address\_requested** (bool, *optional*) – N/A
- **test** (bool, *optional*) – N/A
- **photo** (`WebDocument`, *optional*) – N/A
- **receipt\_msg\_id** (int 32-bit, *optional*) – N/A
- **extended\_media** (`MessageExtendedMedia`, *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <code>messages.GetWebPagePreview</code>   | Telegram API function. |
| <code>messages.UploadMedia</code>         | Telegram API function. |
| <code>messages.UploadImportedMedia</code> | Telegram API function. |



## MessageMediaPhoto

**class** hydrogram.raw.types.MessageMediaPhoto

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 695150D7

### Parameters

- **spoiler** (*bool*, *optional*) – N/A
- **photo** (*Photo*, *optional*) – N/A
- **ttl\_seconds** (*int* 32-bit, *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaPoll

**class** hydrogram.raw.types.MessageMediaPoll

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 4BD6E798

### Parameters

- **poll** (*Poll*) – N/A
- **results** (*PollResults*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaStory

**class** hydrogram.raw.types.MessageMediaStory

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 68CB6283

### Parameters

- **peer** (*Peer*) – N/A
- **id** (int 32-bit) – N/A
- **via\_mention** (bool, *optional*) – N/A
- **story** (*StoryItem*, *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaUnsupported

**class** hydrogram.raw.types.MessageMediaUnsupported

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 9F84F49E

### Parameters

**No parameters required.**

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaVenue

**class** hydrogram.raw.types.MessageMediaVenue

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: 2EC0533F

### Parameters

- **geo** (*GeoPoint*) – N/A
- **title** (str) – N/A
- **address** (str) – N/A
- **provider** (str) – N/A
- **venue\_id** (str) – N/A
- **venue\_type** (str) – N/A

### Functions:

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessageMediaWebPage

**class** hydrogram.raw.types.MessageMediaWebPage

Telegram API type.

Constructor of *MessageMedia*.

### Details:

- Layer: 176
- ID: DDF10C3B

### Parameters

- **webpage** (*WebPage*) – N/A
- **force\_large\_media** (bool, *optional*) – N/A
- **force\_small\_media** (bool, *optional*) – N/A
- **manual** (bool, *optional*) – N/A
- **safe** (bool, *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <code>messages.GetWebPagePreview</code>   | Telegram API function. |
| <code>messages.UploadMedia</code>         | Telegram API function. |
| <code>messages.UploadImportedMedia</code> | Telegram API function. |

## MessagePeerReaction

**class** hydrogram.raw.types.MessagePeerReaction

Telegram API type.

Constructor of *MessagePeerReaction*.

### Details:

- Layer: 176
- ID: 8C79B63C

### Parameters

- **peer\_id** (*Peer*) – N/A
- **date** (int 32-bit) – N/A
- **reaction** (*Reaction*) – N/A
- **big** (bool, *optional*) – N/A
- **unread** (bool, *optional*) – N/A
- **my** (bool, *optional*) – N/A

## MessagePeerVote

**class** hydrogram.raw.types.MessagePeerVote

Telegram API type.

Constructor of *MessagePeerVote*.

### Details:

- Layer: 176
- ID: B6CC2D5C

### Parameters

- **peer** (*Peer*) – N/A
- **option** (bytes) – N/A
- **date** (int 32-bit) – N/A

### MessagePeerVoteInputOption

**class** hydrogram.raw.types.MessagePeerVoteInputOption

Telegram API type.

Constructor of *MessagePeerVote*.

**Details:**

- Layer: 176
- ID: 74CDA504

**Parameters**

- **peer** (*Peer*) – N/A
- **date** (int 32-bit) – N/A

### MessagePeerVoteMultiple

**class** hydrogram.raw.types.MessagePeerVoteMultiple

Telegram API type.

Constructor of *MessagePeerVote*.

**Details:**

- Layer: 176
- ID: 4628F6E6

**Parameters**

- **peer** (*Peer*) – N/A
- **options** (List of bytes) – N/A
- **date** (int 32-bit) – N/A

### MessageRange

**class** hydrogram.raw.types.MessageRange

Telegram API type.

Constructor of *MessageRange*.

**Details:**

- Layer: 176
- ID: AE30253

**Parameters**

- **min\_id** (int 32-bit) – N/A
- **max\_id** (int 32-bit) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <code>messages.GetSplitRanges</code> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**MessageReactions**

**class** hydrogram.raw.types.MessageReactions

Telegram API type.

Constructor of *MessageReactions*.

**Details:**

- Layer: 176
- ID: 4F2B9479

**Parameters**

- **results** (List of *ReactionCount*) – N/A
- **min** (bool, *optional*) – N/A
- **can\_see\_list** (bool, *optional*) – N/A
- **reactions\_as\_tags** (bool, *optional*) – N/A
- **recent\_reactions** (List of *MessagePeerReaction*, *optional*) – N/A

**MessageReplies**

**class** hydrogram.raw.types.MessageReplies

Telegram API type.

Constructor of *MessageReplies*.

**Details:**

- Layer: 176
- ID: 83D60FC2

**Parameters**

- **replies** (int 32-bit) – N/A
- **replies\_pts** (int 32-bit) – N/A
- **comments** (bool, *optional*) – N/A
- **recent\_repliers** (List of *Peer*, *optional*) – N/A
- **channel\_id** (int 64-bit, *optional*) – N/A
- **max\_id** (int 32-bit, *optional*) – N/A
- **read\_max\_id** (int 32-bit, *optional*) – N/A

## MessageReplyHeader

**class** hydrogram.raw.types.MessageReplyHeader

Telegram API type.

Constructor of [MessageReplyHeader](#).

### Details:

- Layer: 176
- ID: AFBC09DB

### Parameters

- **reply\_to\_scheduled** (bool, *optional*) – N/A
- **forum\_topic** (bool, *optional*) – N/A
- **quote** (bool, *optional*) – N/A
- **reply\_to\_msg\_id** (int 32-bit, *optional*) – N/A
- **reply\_to\_peer\_id** ([Peer](#), *optional*) – N/A
- **reply\_from** ([MessageFwdHeader](#), *optional*) – N/A
- **reply\_media** ([MessageMedia](#), *optional*) – N/A
- **reply\_to\_top\_id** (int 32-bit, *optional*) – N/A
- **quote\_text** (str, *optional*) – N/A
- **quote\_entities** (List of [MessageEntity](#), *optional*) – N/A
- **quote\_offset** (int 32-bit, *optional*) – N/A

## MessageReplyStoryHeader

**class** hydrogram.raw.types.MessageReplyStoryHeader

Telegram API type.

Constructor of [MessageReplyHeader](#).

### Details:

- Layer: 176
- ID: E5AF939

### Parameters

- **peer** ([Peer](#)) – N/A
- **story\_id** (int 32-bit) – N/A

## MessageService

**class** hydrogram.raw.types.MessageService

Telegram API type.

Constructor of [Message](#).

### Details:

- Layer: 176
- ID: 2B085862

### Parameters

- **id** (int 32-bit) – N/A
- **peer\_id** ([Peer](#)) – N/A
- **date** (int 32-bit) – N/A
- **action** ([MessageAction](#)) – N/A
- **out** (bool, *optional*) – N/A
- **mentioned** (bool, *optional*) – N/A
- **media\_unread** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **post** (bool, *optional*) – N/A
- **legacy** (bool, *optional*) – N/A
- **from\_id** ([Peer](#), *optional*) – N/A
- **reply\_to** ([MessageReplyHeader](#), *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

## MessageViews

**class** hydrogram.raw.types.MessageViews

Telegram API type.

Constructor of [MessageViews](#).

### Details:

- Layer: 176
- ID: 455B853D

### Parameters

- **views** (int 32-bit, *optional*) – N/A
- **forwards** (int 32-bit, *optional*) – N/A
- **replies** ([MessageReplies](#), *optional*) – N/A



### MsgDetailedInfo

**class** hydrogram.raw.types.MsgDetailedInfo

Telegram API type.

Constructor of *MsgDetailedInfo*.

**Details:**

- Layer: 176
- ID: 276D3EC6

**Parameters**

- **msg\_id** (int 64-bit) – N/A
- **answer\_msg\_id** (int 64-bit) – N/A
- **bytes** (int 32-bit) – N/A
- **status** (int 32-bit) – N/A

### MsgNewDetailedInfo

**class** hydrogram.raw.types.MsgNewDetailedInfo

Telegram API type.

Constructor of *MsgDetailedInfo*.

**Details:**

- Layer: 176
- ID: 809DB6DF

**Parameters**

- **answer\_msg\_id** (int 64-bit) – N/A
- **bytes** (int 32-bit) – N/A
- **status** (int 32-bit) – N/A

### MsgResendAnsReq

**class** hydrogram.raw.types.MsgResendAnsReq

Telegram API type.

Constructor of *MsgResendReq*.

**Details:**

- Layer: 176
- ID: 8610BAEB

**Parameters**

**msg\_ids** (List of int 64-bit) – N/A

## MsgResendReq

**class** hydrogram.raw.types.MsgResendReq

Telegram API type.

Constructor of [MsgResendReq](#).

### Details:

- Layer: 176
- ID: 7D861A08

### Parameters

**msg\_ids** (List of int 64-bit) – N/A

## MsgsAck

**class** hydrogram.raw.types.MsgsAck

Telegram API type.

Constructor of [MsgsAck](#).

### Details:

- Layer: 176
- ID: 62D6B459

### Parameters

**msg\_ids** (List of int 64-bit) – N/A

## MsgsAllInfo

**class** hydrogram.raw.types.MsgsAllInfo

Telegram API type.

Constructor of [MsgsAllInfo](#).

### Details:

- Layer: 176
- ID: 8CC0D131

### Parameters

- **msg\_ids** (List of int 64-bit) – N/A
- **info** (str) – N/A

## MsgsStateInfo

**class** hydrogram.raw.types.MsgsStateInfo

Telegram API type.

Constructor of *MsgsStateInfo*.

### Details:

- Layer: 176
- ID: 04DEB57D

### Parameters

- **req\_msg\_id** (int 64-bit) – N/A
- **info** (str) – N/A

## MsgsStateReq

**class** hydrogram.raw.types.MsgsStateReq

Telegram API type.

Constructor of *MsgsStateReq*.

### Details:

- Layer: 176
- ID: DA69FB52

### Parameters

**msg\_ids** (List of int 64-bit) – N/A

## MyBoost

**class** hydrogram.raw.types.MyBoost

Telegram API type.

Constructor of *MyBoost*.

### Details:

- Layer: 176
- ID: C448415C

### Parameters

- **slot** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **expires** (int 32-bit) – N/A
- **peer** (*Peer*, optional) – N/A
- **cooldown\_until\_date** (int 32-bit, optional) – N/A

### NearestDc

**class** hydrogram.raw.types.NearestDc

Telegram API type.

Constructor of [NearestDc](#).

#### Details:

- Layer: 176
- ID: 8E1A1775

#### Parameters

- **country** (str) – N/A
- **this\_dc** (int 32-bit) – N/A
- **nearest\_dc** (int 32-bit) – N/A

#### Functions:

This object can be returned by 1 function.

|                                   |
|-----------------------------------|
| <a href="#">help.GetNearestDc</a> |
|-----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### NewSessionCreated

**class** hydrogram.raw.types.NewSessionCreated

Telegram API type.

Constructor of [NewSession](#).

#### Details:

- Layer: 176
- ID: 9EC20908

#### Parameters

- **first\_msg\_id** (int 64-bit) – N/A
- **unique\_id** (int 64-bit) – N/A
- **server\_salt** (int 64-bit) – N/A

### NotificationSoundDefault

**class** hydrogram.raw.types.NotificationSoundDefault

Telegram API type.

Constructor of [NotificationSound](#).

#### Details:

- Layer: 176
- ID: 97E8BEBE

**Parameters**

No parameters required.

**NotificationSoundLocal**

**class** hydrogram.raw.types.NotificationSoundLocal

Telegram API type.

Constructor of *NotificationSound*.

**Details:**

- Layer: 176
- ID: 830B9AE4

**Parameters**

- **title** (str) – N/A
- **data** (str) – N/A

**NotificationSoundNone**

**class** hydrogram.raw.types.NotificationSoundNone

Telegram API type.

Constructor of *NotificationSound*.

**Details:**

- Layer: 176
- ID: 6F0C34DF

**Parameters**

No parameters required.

**NotificationSoundRingtone**

**class** hydrogram.raw.types.NotificationSoundRingtone

Telegram API type.

Constructor of *NotificationSound*.

**Details:**

- Layer: 176
- ID: FF6C8049

**Parameters**

**id** (int 64-bit) – N/A

### NotifyBroadcasts

**class** hydrogram.raw.types.NotifyBroadcasts

Telegram API type.

Constructor of *NotifyPeer*.

**Details:**

- Layer: 176
- ID: D612E8EF

**Parameters**

No parameters required.

### NotifyChats

**class** hydrogram.raw.types.NotifyChats

Telegram API type.

Constructor of *NotifyPeer*.

**Details:**

- Layer: 176
- ID: C007CEC3

**Parameters**

No parameters required.

### NotifyForumTopic

**class** hydrogram.raw.types.NotifyForumTopic

Telegram API type.

Constructor of *NotifyPeer*.

**Details:**

- Layer: 176
- ID: 226E6308

**Parameters**

- **peer** (*Peer*) – N/A
- **top\_msg\_id** (int 32-bit) – N/A

## NotifyPeer

**class** hydrogram.raw.types.NotifyPeer

Telegram API type.

Constructor of *NotifyPeer*.

### Details:

- Layer: 176
- ID: 9FD40BD8

### Parameters

**peer** (*Peer*) – N/A

## NotifyUsers

**class** hydrogram.raw.types.NotifyUsers

Telegram API type.

Constructor of *NotifyPeer*.

### Details:

- Layer: 176
- ID: B4C83B4C

### Parameters

No parameters required.

## OutboxReadDate

**class** hydrogram.raw.types.OutboxReadDate

Telegram API type.

Constructor of *OutboxReadDate*.

### Details:

- Layer: 176
- ID: 3BB842AC

### Parameters

**date** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetOutboxReadDate</i> | Telegram API function. |
|-----------------------------------|------------------------|

## PQInnerData

**class** hydrogram.raw.types.PQInnerData

Telegram API type.

Constructor of *PQInnerData*.

### Details:

- Layer: 176
- ID: 83C95AEC

### Parameters

- **pq** (bytes) – N/A
- **p** (bytes) – N/A
- **q** (bytes) – N/A
- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce** (int 256-bit) – N/A

## PQInnerDataDc

**class** hydrogram.raw.types.PQInnerDataDc

Telegram API type.

Constructor of *PQInnerData*.

### Details:

- Layer: 176
- ID: A9F55F95

### Parameters

- **pq** (bytes) – N/A
- **p** (bytes) – N/A
- **q** (bytes) – N/A
- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce** (int 256-bit) – N/A
- **dc** (int 32-bit) – N/A



## PQInnerDataTemp

**class** hydrogram.raw.types.PQInnerDataTemp

Telegram API type.

Constructor of *PQInnerData*.

### Details:

- Layer: 176
- ID: 3C6A84D4

### Parameters

- **pq** (bytes) – N/A
- **p** (bytes) – N/A
- **q** (bytes) – N/A
- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce** (int 256-bit) – N/A
- **expires\_in** (int 32-bit) – N/A

## PQInnerDataTempDc

**class** hydrogram.raw.types.PQInnerDataTempDc

Telegram API type.

Constructor of *PQInnerData*.

### Details:

- Layer: 176
- ID: 56FDDF88

### Parameters

- **pq** (bytes) – N/A
- **p** (bytes) – N/A
- **q** (bytes) – N/A
- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce** (int 256-bit) – N/A
- **dc** (int 32-bit) – N/A
- **expires\_in** (int 32-bit) – N/A

## Page

**class** hydrogram.raw.types.**Page**

Telegram API type.

Constructor of [Page](#).

### Details:

- Layer: 176
- ID: 98657F0D

### Parameters

- **url** (str) – N/A
- **blocks** (List of [PageBlock](#)) – N/A
- **photos** (List of [Photo](#)) – N/A
- **documents** (List of [Document](#)) – N/A
- **part** (bool, *optional*) – N/A
- **rtl** (bool, *optional*) – N/A
- **v2** (bool, *optional*) – N/A
- **views** (int 32-bit, *optional*) – N/A

## PageBlockAnchor

**class** hydrogram.raw.types.**PageBlockAnchor**

Telegram API type.

Constructor of [PageBlock](#).

### Details:

- Layer: 176
- ID: CE0D37B0

### Parameters

- **name** (str) – N/A

## PageBlockAudio

**class** hydrogram.raw.types.**PageBlockAudio**

Telegram API type.

Constructor of [PageBlock](#).

### Details:

- Layer: 176
- ID: 804361EA

### Parameters

- **audio\_id** (int 64-bit) – N/A
- **caption** (*PageCaption*) – N/A

### PageBlockAuthorDate

**class** hydrogram.raw.types.**PageBlockAuthorDate**

Telegram API type.

Constructor of *PageBlock*.

#### Details:

- Layer: 176
- ID: BAAFE5E0

#### Parameters

- **author** (*RichText*) – N/A
- **published\_date** (int 32-bit) – N/A

### PageBlockBlockquote

**class** hydrogram.raw.types.**PageBlockBlockquote**

Telegram API type.

Constructor of *PageBlock*.

#### Details:

- Layer: 176
- ID: 263D7C26

#### Parameters

- **text** (*RichText*) – N/A
- **caption** (*RichText*) – N/A

### PageBlockChannel

**class** hydrogram.raw.types.**PageBlockChannel**

Telegram API type.

Constructor of *PageBlock*.

#### Details:

- Layer: 176
- ID: EF1751B5

#### Parameters

- **channel** (*Chat*) – N/A

## PageBlockCollage

**class** hydrogram.raw.types.**PageBlockCollage**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 65A0FA4D

### Parameters

- **items** (List of *PageBlock*) – N/A
- **caption** (*PageCaption*) – N/A

## PageBlockCover

**class** hydrogram.raw.types.**PageBlockCover**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 39F23300

### Parameters

- **cover** (*PageBlock*) – N/A

## PageBlockDetails

**class** hydrogram.raw.types.**PageBlockDetails**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 76768BED

### Parameters

- **blocks** (List of *PageBlock*) – N/A
- **title** (*RichText*) – N/A
- **open** (bool, *optional*) – N/A

## PageBlockDivider

**class** hydrogram.raw.types.**PageBlockDivider**

Telegram API type.

Constructor of [PageBlock](#).

### Details:

- Layer: 176
- ID: DB20B188

### Parameters

No parameters required.

## PageBlockEmbed

**class** hydrogram.raw.types.**PageBlockEmbed**

Telegram API type.

Constructor of [PageBlock](#).

### Details:

- Layer: 176
- ID: A8718DC5

### Parameters

- **caption** ([PageCaption](#)) – N/A
- **full\_width** (bool, *optional*) – N/A
- **allow\_scrolling** (bool, *optional*) – N/A
- **url** (str, *optional*) – N/A
- **html** (str, *optional*) – N/A
- **poster\_photo\_id** (int 64-bit, *optional*) – N/A
- **w** (int 32-bit, *optional*) – N/A
- **h** (int 32-bit, *optional*) – N/A

## PageBlockEmbedPost

**class** hydrogram.raw.types.**PageBlockEmbedPost**

Telegram API type.

Constructor of [PageBlock](#).

### Details:

- Layer: 176
- ID: F259A80B

### Parameters

- **url** (str) – N/A
- **webpage\_id** (int 64-bit) – N/A
- **author\_photo\_id** (int 64-bit) – N/A
- **author** (str) – N/A
- **date** (int 32-bit) – N/A
- **blocks** (List of [PageBlock](#)) – N/A
- **caption** ([PageCaption](#)) – N/A

### PageBlockFooter

**class** hydrogram.raw.types.**PageBlockFooter**

Telegram API type.

Constructor of [PageBlock](#).

#### Details:

- Layer: 176
- ID: 48870999

#### Parameters

**text** ([RichText](#)) – N/A

### PageBlockHeader

**class** hydrogram.raw.types.**PageBlockHeader**

Telegram API type.

Constructor of [PageBlock](#).

#### Details:

- Layer: 176
- ID: BFD064EC

#### Parameters

**text** ([RichText](#)) – N/A

### PageBlockKicker

**class** hydrogram.raw.types.**PageBlockKicker**

Telegram API type.

Constructor of [PageBlock](#).

#### Details:

- Layer: 176
- ID: 1E148390

**Parameters****text** (*RichText*) – N/A**PageBlockList****class** hydrogram.raw.types.**PageBlockList**

Telegram API type.

Constructor of *PageBlock*.**Details:**

- Layer: 176
- ID: E4E88011

**Parameters****items** (List of *PageListItem*) – N/A**PageBlockMap****class** hydrogram.raw.types.**PageBlockMap**

Telegram API type.

Constructor of *PageBlock*.**Details:**

- Layer: 176
- ID: A44F3EF6

**Parameters**

- **geo** (*GeoPoint*) – N/A
- **zoom** (int 32-bit) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **caption** (*PageCaption*) – N/A

**PageBlockOrderedList****class** hydrogram.raw.types.**PageBlockOrderedList**

Telegram API type.

Constructor of *PageBlock*.**Details:**

- Layer: 176
- ID: 9A8AE1E1

**Parameters****items** (List of *PageListOrderedItem*) – N/A

## PageBlockParagraph

**class** hydrogram.raw.types.**PageBlockParagraph**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 467A0766

### Parameters

**text** (*RichText*) – N/A

## PageBlockPhoto

**class** hydrogram.raw.types.**PageBlockPhoto**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 1759C560

### Parameters

- **photo\_id** (int 64-bit) – N/A
- **caption** (*PageCaption*) – N/A
- **url** (str, *optional*) – N/A
- **webpage\_id** (int 64-bit, *optional*) – N/A

## PageBlockPreformatted

**class** hydrogram.raw.types.**PageBlockPreformatted**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: C070D93E

### Parameters

- **text** (*RichText*) – N/A
- **language** (str) – N/A



## PageBlockPullquote

**class** hydrogram.raw.types.**PageBlockPullquote**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 4F4456D3

### Parameters

- **text** (*RichText*) – N/A
- **caption** (*RichText*) – N/A

## PageBlockRelatedArticles

**class** hydrogram.raw.types.**PageBlockRelatedArticles**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 16115A96

### Parameters

- **title** (*RichText*) – N/A
- **articles** (List of *PageRelatedArticle*) – N/A

## PageBlockSlideshow

**class** hydrogram.raw.types.**PageBlockSlideshow**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 31F9590

### Parameters

- **items** (List of *PageBlock*) – N/A
- **caption** (*PageCaption*) – N/A

### PageBlockSubheader

**class** hydrogram.raw.types.**PageBlockSubheader**

Telegram API type.

Constructor of *PageBlock*.

**Details:**

- Layer: 176
- ID: F12BB6E1

**Parameters**

**text** (*RichText*) – N/A

### PageBlockSubtitle

**class** hydrogram.raw.types.**PageBlockSubtitle**

Telegram API type.

Constructor of *PageBlock*.

**Details:**

- Layer: 176
- ID: 8FFA9A1F

**Parameters**

**text** (*RichText*) – N/A

### PageBlockTable

**class** hydrogram.raw.types.**PageBlockTable**

Telegram API type.

Constructor of *PageBlock*.

**Details:**

- Layer: 176
- ID: BF4DEA82

**Parameters**

- **title** (*RichText*) – N/A
- **rows** (List of *PageTableRow*) – N/A
- **bordered** (bool, *optional*) – N/A
- **striped** (bool, *optional*) – N/A

## PageBlockTitle

**class** hydrogram.raw.types.**PageBlockTitle**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 70ABC3FD

### Parameters

**text** (*RichText*) – N/A

## PageBlockUnsupported

**class** hydrogram.raw.types.**PageBlockUnsupported**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 13567E8A

### Parameters

No parameters required.

## PageBlockVideo

**class** hydrogram.raw.types.**PageBlockVideo**

Telegram API type.

Constructor of *PageBlock*.

### Details:

- Layer: 176
- ID: 7C8FE7B6

### Parameters

- **video\_id** (int 64-bit) – N/A
- **caption** (*PageCaption*) – N/A
- **autoplay** (bool, *optional*) – N/A
- **loop** (bool, *optional*) – N/A

## PageCaption

**class** hydrogram.raw.types.**PageCaption**

Telegram API type.

Constructor of *PageCaption*.

### Details:

- Layer: 176
- ID: 6F747657

### Parameters

- **text** (*RichText*) – N/A
- **credit** (*RichText*) – N/A

## PageListItemBlocks

**class** hydrogram.raw.types.**PageListItemBlocks**

Telegram API type.

Constructor of *PageListItem*.

### Details:

- Layer: 176
- ID: 25E073FC

### Parameters

**blocks** (List of *PageBlock*) – N/A

## PageListItemText

**class** hydrogram.raw.types.**PageListItemText**

Telegram API type.

Constructor of *PageListItem*.

### Details:

- Layer: 176
- ID: B92FB6CD

### Parameters

**text** (*RichText*) – N/A

## PageListOrderedItemBlocks

**class** hydrogram.raw.types.**PageListOrderedItemBlocks**

Telegram API type.

Constructor of *PageListOrderedItem*.

### Details:

- Layer: 176
- ID: 98DD8936

### Parameters

- **num** (str) – N/A
- **blocks** (List of *PageBlock*) – N/A

## PageListOrderedItemText

**class** hydrogram.raw.types.**PageListOrderedItemText**

Telegram API type.

Constructor of *PageListOrderedItem*.

### Details:

- Layer: 176
- ID: 5E068047

### Parameters

- **num** (str) – N/A
- **text** (*RichText*) – N/A

## PageRelatedArticle

**class** hydrogram.raw.types.**PageRelatedArticle**

Telegram API type.

Constructor of *PageRelatedArticle*.

### Details:

- Layer: 176
- ID: B390DC08

### Parameters

- **url** (str) – N/A
- **webpage\_id** (int 64-bit) – N/A
- **title** (str, *optional*) – N/A
- **description** (str, *optional*) – N/A
- **photo\_id** (int 64-bit, *optional*) – N/A

- **author** (str, *optional*) – N/A
- **published\_date** (int 32-bit, *optional*) – N/A

## PageTableCell

**class** hydrogram.raw.types.**PageTableCell**

Telegram API type.

Constructor of [PageTableCell](#).

### Details:

- Layer: 176
- ID: 34566B6A

### Parameters

- **header** (bool, *optional*) – N/A
- **align\_center** (bool, *optional*) – N/A
- **align\_right** (bool, *optional*) – N/A
- **valign\_middle** (bool, *optional*) – N/A
- **valign\_bottom** (bool, *optional*) – N/A
- **text** ([RichText](#), *optional*) – N/A
- **colspan** (int 32-bit, *optional*) – N/A
- **rowspan** (int 32-bit, *optional*) – N/A

## PageTableRow

**class** hydrogram.raw.types.**PageTableRow**

Telegram API type.

Constructor of [PageTableRow](#).

### Details:

- Layer: 176
- ID: E0C0C5E5

### Parameters

**cells** (List of [PageTableCell](#)) – N/A

**PasswordKdfAlgoSHA256SHA256PBKDF2HMACSHA512iter100000SHA256ModPow****class**`hydrogram.raw.types.PasswordKdfAlgoSHA256SHA256PBKDF2HMACSHA512iter100000SHA256ModPow`

Telegram API type.

Constructor of *PasswordKdfAlgo*.**Details:**

- Layer: 176
- ID: 3A912D4A

**Parameters**

- **salt1** (bytes) – N/A
- **salt2** (bytes) – N/A
- **g** (int 32-bit) – N/A
- **p** (bytes) – N/A

**PasswordKdfAlgoUnknown****class** `hydrogram.raw.types.PasswordKdfAlgoUnknown`

Telegram API type.

Constructor of *PasswordKdfAlgo*.**Details:**

- Layer: 176
- ID: D45AB096

**Parameters**

No parameters required.

**PaymentCharge****class** `hydrogram.raw.types.PaymentCharge`

Telegram API type.

Constructor of *PaymentCharge*.**Details:**

- Layer: 176
- ID: EA02C27E

**Parameters**

- **id** (str) – N/A
- **provider\_charge\_id** (str) – N/A

## PaymentFormMethod

**class** hydrogram.raw.types.PaymentFormMethod

Telegram API type.

Constructor of [PaymentFormMethod](#).

### Details:

- Layer: 176
- ID: 88F8F21B

### Parameters

- **url** (str) – N/A
- **title** (str) – N/A

## PaymentRequestedInfo

**class** hydrogram.raw.types.PaymentRequestedInfo

Telegram API type.

Constructor of [PaymentRequestedInfo](#).

### Details:

- Layer: 176
- ID: 909C3F94

### Parameters

- **name** (str, optional) – N/A
- **phone** (str, optional) – N/A
- **email** (str, optional) – N/A
- **shipping\_address** ([PostAddress](#), optional) – N/A

## PaymentSavedCredentialsCard

**class** hydrogram.raw.types.PaymentSavedCredentialsCard

Telegram API type.

Constructor of [PaymentSavedCredentials](#).

### Details:

- Layer: 176
- ID: CDC27A1F

### Parameters

- **id** (str) – N/A
- **title** (str) – N/A



## PeerBlocked

**class** hydrogram.raw.types.**PeerBlocked**

Telegram API type.

Constructor of *PeerBlocked*.

### Details:

- Layer: 176
- ID: E8FD8014

### Parameters

- **peer\_id** (*Peer*) – N/A
- **date** (int 32-bit) – N/A

## PeerChannel

**class** hydrogram.raw.types.**PeerChannel**

Telegram API type.

Constructor of *Peer*.

### Details:

- Layer: 176
- ID: A2A5371E

### Parameters

**channel\_id** (int 64-bit) – N/A

### Functions:

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>chatlists.GetLeaveChatlistSuggestions</i> | Telegram API function. |
|--|------------------------|

## PeerChat

**class** hydrogram.raw.types.**PeerChat**

Telegram API type.

Constructor of *Peer*.

### Details:

- Layer: 176
- ID: 36C6019A

### Parameters

**chat\_id** (int 64-bit) – N/A

### Functions:

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>chatlists.GetLeaveChatlistSuggestions</code> | Telegram API function. |
|--|------------------------|

### PeerColor

**class** hydrogram.raw.types.PeerColor

Telegram API type.

Constructor of [PeerColor](#).

#### Details:

- Layer: 176
- ID: B54B5ACF

#### Parameters

- **color** (int 32-bit, *optional*) – N/A
- **background\_emoji\_id** (int 64-bit, *optional*) – N/A

### PeerLocated

**class** hydrogram.raw.types.PeerLocated

Telegram API type.

Constructor of [PeerLocated](#).

#### Details:

- Layer: 176
- ID: CA461B5D

#### Parameters

- **peer** ([Peer](#)) – N/A
- **expires** (int 32-bit) – N/A
- **distance** (int 32-bit) – N/A

### PeerNotifySettings

**class** hydrogram.raw.types.PeerNotifySettings

Telegram API type.

Constructor of [PeerNotifySettings](#).

#### Details:

- Layer: 176
- ID: 99622C0C

#### Parameters

- **show\_previews** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **mute\_until** (int 32-bit, *optional*) – N/A
- **ios\_sound** (*NotificationSound*, *optional*) – N/A
- **android\_sound** (*NotificationSound*, *optional*) – N/A
- **other\_sound** (*NotificationSound*, *optional*) – N/A
- **stories\_muted** (bool, *optional*) – N/A
- **stories\_hide\_sender** (bool, *optional*) – N/A
- **stories\_ios\_sound** (*NotificationSound*, *optional*) – N/A
- **stories\_android\_sound** (*NotificationSound*, *optional*) – N/A
- **stories\_other\_sound** (*NotificationSound*, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>account.GetNotifySettings</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**PeerSelfLocated**

**class** hydrogram.raw.types.**PeerSelfLocated**

Telegram API type.

Constructor of *PeerLocated*.

**Details:**

- Layer: 176
- ID: F8EC284B

**Parameters**

**expires** (int 32-bit) – N/A

**PeerSettings**

**class** hydrogram.raw.types.**PeerSettings**

Telegram API type.

Constructor of *PeerSettings*.

**Details:**

- Layer: 176
- ID: A518110D

**Parameters**

- **report\_spam** (bool, *optional*) – N/A
- **add\_contact** (bool, *optional*) – N/A

- **block\_contact** (bool, *optional*) – N/A
- **share\_contact** (bool, *optional*) – N/A
- **need\_contacts\_exception** (bool, *optional*) – N/A
- **report\_geo** (bool, *optional*) – N/A
- **autoarchived** (bool, *optional*) – N/A
- **invite\_members** (bool, *optional*) – N/A
- **request\_chat\_broadcast** (bool, *optional*) – N/A
- **geo\_distance** (int 32-bit, *optional*) – N/A
- **request\_chat\_title** (str, *optional*) – N/A
- **request\_chat\_date** (int 32-bit, *optional*) – N/A

## PeerStories

**class** hydrogram.raw.types.**PeerStories**

Telegram API type.

Constructor of [PeerStories](#).

### Details:

- Layer: 176
- ID: 9A35E999

### Parameters

- **peer** ([Peer](#)) – N/A
- **stories** (List of [StoryItem](#)) – N/A
- **max\_read\_id** (int 32-bit, *optional*) – N/A

## PeerUser

**class** hydrogram.raw.types.**PeerUser**

Telegram API type.

Constructor of [Peer](#).

### Details:

- Layer: 176
- ID: 59511722

### Parameters

**user\_id** (int 64-bit) – N/A

### Functions:

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <a href="#">chatlists.GetLeaveChatlistSuggestions</a> | Telegram API function. |
|---|------------------------|

## PhoneCall

**class** hydrogram.raw.types.**PhoneCall**

Telegram API type.

Constructor of [PhoneCall](#).

### Details:

- Layer: 176
- ID: 967F7C67

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **g\_a\_or\_b** (bytes) – N/A
- **key\_fingerprint** (int 64-bit) – N/A
- **protocol** ([PhoneCallProtocol](#)) – N/A
- **connections** (List of [PhoneConnection](#)) – N/A
- **start\_date** (int 32-bit) – N/A
- **p2p\_allowed** (bool, *optional*) – N/A
- **video** (bool, *optional*) – N/A

## PhoneCallAccepted

**class** hydrogram.raw.types.**PhoneCallAccepted**

Telegram API type.

Constructor of [PhoneCall](#).

### Details:

- Layer: 176
- ID: 3660C311

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **g\_b** (bytes) – N/A

- **protocol** (*PhoneCallProtocol*) – N/A
- **video** (bool, *optional*) – N/A

### PhoneCallDiscardReasonBusy

**class** hydrogram.raw.types.PhoneCallDiscardReasonBusy

Telegram API type.

Constructor of *PhoneCallDiscardReason*.

#### Details:

- Layer: 176
- ID: FAF7E8C9

#### Parameters

No parameters required.

### PhoneCallDiscardReasonDisconnect

**class** hydrogram.raw.types.PhoneCallDiscardReasonDisconnect

Telegram API type.

Constructor of *PhoneCallDiscardReason*.

#### Details:

- Layer: 176
- ID: E095C1A0

#### Parameters

No parameters required.

### PhoneCallDiscardReasonHangup

**class** hydrogram.raw.types.PhoneCallDiscardReasonHangup

Telegram API type.

Constructor of *PhoneCallDiscardReason*.

#### Details:

- Layer: 176
- ID: 57ADC690

#### Parameters

No parameters required.

### PhoneCallDiscardReasonMissed

**class** hydrogram.raw.types.PhoneCallDiscardReasonMissed

Telegram API type.

Constructor of [PhoneCallDiscardReason](#).

**Details:**

- Layer: 176
- ID: 85E42301

**Parameters**

No parameters required.

### PhoneCallDiscarded

**class** hydrogram.raw.types.PhoneCallDiscarded

Telegram API type.

Constructor of [PhoneCall](#).

**Details:**

- Layer: 176
- ID: 50CA4DE1

**Parameters**

- **id** (int 64-bit) – N/A
- **need\_rating** (bool, *optional*) – N/A
- **need\_debug** (bool, *optional*) – N/A
- **video** (bool, *optional*) – N/A
- **reason** ([PhoneCallDiscardReason](#), *optional*) – N/A
- **duration** (int 32-bit, *optional*) – N/A

### PhoneCallEmpty

**class** hydrogram.raw.types.PhoneCallEmpty

Telegram API type.

Constructor of [PhoneCall](#).

**Details:**

- Layer: 176
- ID: 5366C915

**Parameters**

**id** (int 64-bit) – N/A

## PhoneCallProtocol

**class** hydrogram.raw.types.**PhoneCallProtocol**

Telegram API type.

Constructor of [PhoneCallProtocol](#).

### Details:

- Layer: 176
- ID: FC878FC8

### Parameters

- **min\_layer** (int 32-bit) – N/A
- **max\_layer** (int 32-bit) – N/A
- **library\_versions** (List of str) – N/A
- **udp\_p2p** (bool, *optional*) – N/A
- **udp\_reflector** (bool, *optional*) – N/A

## PhoneCallRequested

**class** hydrogram.raw.types.**PhoneCallRequested**

Telegram API type.

Constructor of [PhoneCall](#).

### Details:

- Layer: 176
- ID: 14B0ED0C

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **g\_a\_hash** (bytes) – N/A
- **protocol** ([PhoneCallProtocol](#)) – N/A
- **video** (bool, *optional*) – N/A



## PhoneCallWaiting

**class** hydrogram.raw.types.**PhoneCallWaiting**

Telegram API type.

Constructor of [PhoneCall](#).

### Details:

- Layer: 176
- ID: C5226F17

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **admin\_id** (int 64-bit) – N/A
- **participant\_id** (int 64-bit) – N/A
- **protocol** ([PhoneCallProtocol](#)) – N/A
- **video** (bool, *optional*) – N/A
- **receive\_date** (int 32-bit, *optional*) – N/A

## PhoneConnection

**class** hydrogram.raw.types.**PhoneConnection**

Telegram API type.

Constructor of [PhoneConnection](#).

### Details:

- Layer: 176
- ID: 9CC123C7

### Parameters

- **id** (int 64-bit) – N/A
- **ip** (str) – N/A
- **ipv6** (str) – N/A
- **port** (int 32-bit) – N/A
- **peer\_tag** (bytes) – N/A
- **tcp** (bool, *optional*) – N/A

## PhoneConnectionWebRTC

**class** hydrogram.raw.types.**PhoneConnectionWebRTC**

Telegram API type.

Constructor of [PhoneConnection](#).

### Details:

- Layer: 176
- ID: 635FE375

### Parameters

- **id** (int 64-bit) – N/A
- **ip** (str) – N/A
- **ipv6** (str) – N/A
- **port** (int 32-bit) – N/A
- **username** (str) – N/A
- **password** (str) – N/A
- **turn** (bool, *optional*) – N/A
- **stun** (bool, *optional*) – N/A

## Photo

**class** hydrogram.raw.types.**Photo**

Telegram API type.

Constructor of [Photo](#).

### Details:

- Layer: 176
- ID: FB197A65

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **file\_reference** (bytes) – N/A
- **date** (int 32-bit) – N/A
- **sizes** (List of [PhotoSize](#)) – N/A
- **dc\_id** (int 32-bit) – N/A
- **has\_stickers** (bool, *optional*) – N/A
- **video\_sizes** (List of [VideoSize](#), *optional*) – N/A

## PhotoCachedSize

**class** hydrogram.raw.types.PhotoCachedSize

Telegram API type.

Constructor of *PhotoSize*.

### Details:

- Layer: 176
- ID: 21E1AD6

### Parameters

- **type** (str) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **bytes** (bytes) – N/A

## PhotoEmpty

**class** hydrogram.raw.types.PhotoEmpty

Telegram API type.

Constructor of *Photo*.

### Details:

- Layer: 176
- ID: 2331B22D

### Parameters

- **id** (int 64-bit) – N/A

## PhotoPathSize

**class** hydrogram.raw.types.PhotoPathSize

Telegram API type.

Constructor of *PhotoSize*.

### Details:

- Layer: 176
- ID: D8214D41

### Parameters

- **type** (str) – N/A
- **bytes** (bytes) – N/A

## PhotoSize

**class** hydrogram.raw.types.PhotoSize

Telegram API type.

Constructor of *PhotoSize*.

### Details:

- Layer: 176
- ID: 75C78E60

### Parameters

- **type** (str) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **size** (int 32-bit) – N/A

## PhotoSizeEmpty

**class** hydrogram.raw.types.PhotoSizeEmpty

Telegram API type.

Constructor of *PhotoSize*.

### Details:

- Layer: 176
- ID: E17E23C

### Parameters

**type** (str) – N/A

## PhotoSizeProgressive

**class** hydrogram.raw.types.PhotoSizeProgressive

Telegram API type.

Constructor of *PhotoSize*.

### Details:

- Layer: 176
- ID: FA3EFB95

### Parameters

- **type** (str) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **sizes** (List of int 32-bit) – N/A

## PhotoStrippedSize

**class** hydrogram.raw.types.PhotoStrippedSize

Telegram API type.

Constructor of [PhotoSize](#).

### Details:

- Layer: 176
- ID: E0B0BC2E

### Parameters

- **type** (str) – N/A
- **bytes** (bytes) – N/A

## Poll

**class** hydrogram.raw.types.Poll

Telegram API type.

Constructor of [Poll](#).

### Details:

- Layer: 176
- ID: 86E18161

### Parameters

- **id** (int 64-bit) – N/A
- **question** (str) – N/A
- **answers** (List of [PollAnswer](#)) – N/A
- **closed** (bool, *optional*) – N/A
- **public\_voters** (bool, *optional*) – N/A
- **multiple\_choice** (bool, *optional*) – N/A
- **quiz** (bool, *optional*) – N/A
- **close\_period** (int 32-bit, *optional*) – N/A
- **close\_date** (int 32-bit, *optional*) – N/A

## PollAnswer

**class** hydrogram.raw.types.PollAnswer

Telegram API type.

Constructor of [PollAnswer](#).

### Details:

- Layer: 176
- ID: 6CA9C2E9

### Parameters

- **text** (str) – N/A
- **option** (bytes) – N/A

## PollAnswerVoters

**class** hydrogram.raw.types.PollAnswerVoters

Telegram API type.

Constructor of [PollAnswerVoters](#).

### Details:

- Layer: 176
- ID: 3B6DDAD2

### Parameters

- **option** (bytes) – N/A
- **voters** (int 32-bit) – N/A
- **chosen** (bool, *optional*) – N/A
- **correct** (bool, *optional*) – N/A

## PollResults

**class** hydrogram.raw.types.PollResults

Telegram API type.

Constructor of [PollResults](#).

### Details:

- Layer: 176
- ID: 7ADF2420

### Parameters

- **min** (bool, *optional*) – N/A
- **results** (List of [PollAnswerVoters](#), *optional*) – N/A
- **total\_voters** (int 32-bit, *optional*) – N/A

- **recent\_voters** (List of [Peer](#), *optional*) – N/A
- **solution** (*str*, *optional*) – N/A
- **solution\_entities** (List of [MessageEntity](#), *optional*) – N/A

## Pong

**class** hydrogram.raw.types.Pong

Telegram API type.

Constructor of [Pong](#).

### Details:

- Layer: 176
- ID: 347773C5

### Parameters

- **msg\_id** (int 64-bit) – N/A
- **ping\_id** (int 64-bit) – N/A

### Functions:

This object can be returned by 2 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <a href="#">Ping</a>                | Telegram API function. |
| <a href="#">PingDelayDisconnect</a> | Telegram API function. |

## PopularContact

**class** hydrogram.raw.types.PopularContact

Telegram API type.

Constructor of [PopularContact](#).

### Details:

- Layer: 176
- ID: 5CE14175

### Parameters

- **client\_id** (int 64-bit) – N/A
- **importers** (int 32-bit) – N/A

## PostAddress

**class** hydrogram.raw.types.PostAddress

Telegram API type.

Constructor of *PostAddress*.

### Details:

- Layer: 176
- ID: 1E8CAAEB

### Parameters

- **street\_line1** (str) – N/A
- **street\_line2** (str) – N/A
- **city** (str) – N/A
- **state** (str) – N/A
- **country\_iso2** (str) – N/A
- **post\_code** (str) – N/A

## PostInteractionCountersMessage

**class** hydrogram.raw.types.PostInteractionCountersMessage

Telegram API type.

Constructor of *PostInteractionCounters*.

### Details:

- Layer: 176
- ID: E7058E7F

### Parameters

- **msg\_id** (int 32-bit) – N/A
- **views** (int 32-bit) – N/A
- **forwards** (int 32-bit) – N/A
- **reactions** (int 32-bit) – N/A

## PostInteractionCountersStory

**class** hydrogram.raw.types.PostInteractionCountersStory

Telegram API type.

Constructor of *PostInteractionCounters*.

### Details:

- Layer: 176
- ID: 8A480E27



**Parameters**

- **story\_id** (int 32-bit) – N/A
- **views** (int 32-bit) – N/A
- **forwards** (int 32-bit) – N/A
- **reactions** (int 32-bit) – N/A

**PremiumGiftCodeOption**

**class** hydrogram.raw.types.**PremiumGiftCodeOption**

Telegram API type.

Constructor of *PremiumGiftCodeOption*.

**Details:**

- Layer: 176
- ID: 257E962B

**Parameters**

- **users** (int 32-bit) – N/A
- **months** (int 32-bit) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A
- **store\_product** (str, *optional*) – N/A
- **store\_quantity** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>payments.GetPremiumGiftCodeOptions</i> | Telegram API function. |
|---|------------------------|

**PremiumGiftOption**

**class** hydrogram.raw.types.**PremiumGiftOption**

Telegram API type.

Constructor of *PremiumGiftOption*.

**Details:**

- Layer: 176
- ID: 74C34319

**Parameters**

- **months** (int 32-bit) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A

- **bot\_url** (str) – N/A
- **store\_product** (str, *optional*) – N/A

## PremiumSubscriptionOption

**class** hydrogram.raw.types.PremiumSubscriptionOption

Telegram API type.

Constructor of [PremiumSubscriptionOption](#).

### Details:

- Layer: 176
- ID: 5F2D1DF2

### Parameters

- **months** (int 32-bit) – N/A
- **currency** (str) – N/A
- **amount** (int 64-bit) – N/A
- **bot\_url** (str) – N/A
- **current** (bool, *optional*) – N/A
- **can\_purchase\_upgrade** (bool, *optional*) – N/A
- **transaction** (str, *optional*) – N/A
- **store\_product** (str, *optional*) – N/A

## PrepaidGiveaway

**class** hydrogram.raw.types.PrepaidGiveaway

Telegram API type.

Constructor of [PrepaidGiveaway](#).

### Details:

- Layer: 176
- ID: B2539D54

### Parameters

- **id** (int 64-bit) – N/A
- **months** (int 32-bit) – N/A
- **quantity** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A

### PrivacyKeyAbout

**class** hydrogram.raw.types.PrivacyKeyAbout

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: A486B761

**Parameters**

No parameters required.

### PrivacyKeyAddedByPhone

**class** hydrogram.raw.types.PrivacyKeyAddedByPhone

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 42FFD42B

**Parameters**

No parameters required.

### PrivacyKeyChatInvite

**class** hydrogram.raw.types.PrivacyKeyChatInvite

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 500E6DFA

**Parameters**

No parameters required.

### PrivacyKeyForwards

**class** hydrogram.raw.types.PrivacyKeyForwards

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 69EC56A3

**Parameters**

No parameters required.

### PrivacyKeyPhoneCall

**class** hydrogram.raw.types.PrivacyKeyPhoneCall

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 3D662B7B

**Parameters**

No parameters required.

### PrivacyKeyPhoneNumber

**class** hydrogram.raw.types.PrivacyKeyPhoneNumber

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: D19AE46D

**Parameters**

No parameters required.

### PrivacyKeyPhoneP2P

**class** hydrogram.raw.types.PrivacyKeyPhoneP2P

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 39491CC8

**Parameters**

No parameters required.

### PrivacyKeyProfilePhoto

**class** hydrogram.raw.types.PrivacyKeyProfilePhoto

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 96151FED

**Parameters**

No parameters required.

### PrivacyKeyStatusTimestamp

**class** hydrogram.raw.types.PrivacyKeyStatusTimestamp

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: BC2EAB30

**Parameters**

No parameters required.

### PrivacyKeyVoiceMessages

**class** hydrogram.raw.types.PrivacyKeyVoiceMessages

Telegram API type.

Constructor of *PrivacyKey*.

**Details:**

- Layer: 176
- ID: 697F414

**Parameters**

No parameters required.

### PrivacyValueAllowAll

**class** hydrogram.raw.types.PrivacyValueAllowAll

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: 65427B82

**Parameters**

No parameters required.

### PrivacyValueAllowChatParticipants

**class** hydrogram.raw.types.PrivacyValueAllowChatParticipants

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: 6B134E8E

**Parameters**

**chats** (List of int 64-bit) – N/A

### PrivacyValueAllowCloseFriends

**class** hydrogram.raw.types.PrivacyValueAllowCloseFriends

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: F7E8D89B

**Parameters**

No parameters required.

### PrivacyValueAllowContacts

**class** hydrogram.raw.types.PrivacyValueAllowContacts

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: FFFE1BAC

**Parameters**

No parameters required.

### PrivacyValueAllowUsers

**class** hydrogram.raw.types.PrivacyValueAllowUsers

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: B8905FB2

**Parameters**

users (List of int 64-bit) – N/A

### PrivacyValueDisallowAll

**class** hydrogram.raw.types.PrivacyValueDisallowAll

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: 8B73E763

**Parameters**

No parameters required.

### PrivacyValueDisallowChatParticipants

**class** hydrogram.raw.types.PrivacyValueDisallowChatParticipants

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: 41C87565

**Parameters**

**chats** (List of int 64-bit) – N/A

### PrivacyValueDisallowContacts

**class** hydrogram.raw.types.PrivacyValueDisallowContacts

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: F888FA1A

**Parameters**

No parameters required.



### PrivacyValueDisallowUsers

**class** hydrogram.raw.types.PrivacyValueDisallowUsers

Telegram API type.

Constructor of *PrivacyRule*.

**Details:**

- Layer: 176
- ID: E4621141

**Parameters**

**users** (List of int 64-bit) – N/A

### PublicForwardMessage

**class** hydrogram.raw.types.PublicForwardMessage

Telegram API type.

Constructor of *PublicForward*.

**Details:**

- Layer: 176
- ID: 1F2BF4A

**Parameters**

**message** (*Message*) – N/A

### PublicForwardStory

**class** hydrogram.raw.types.PublicForwardStory

Telegram API type.

Constructor of *PublicForward*.

**Details:**

- Layer: 176
- ID: EDF3ADD0

**Parameters**

- **peer** (*Peer*) – N/A
- **story** (*StoryItem*) – N/A

## QuickReply

**class** hydrogram.raw.types.**QuickReply**

Telegram API type.

Constructor of *QuickReply*.

### Details:

- Layer: 176
- ID: 697102B

### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **shortcut** (str) – N/A
- **top\_message** (int 32-bit) – N/A
- **count** (int 32-bit) – N/A

## ReactionCount

**class** hydrogram.raw.types.**ReactionCount**

Telegram API type.

Constructor of *ReactionCount*.

### Details:

- Layer: 176
- ID: A3D1CB80

### Parameters

- **reaction** (*Reaction*) – N/A
- **count** (int 32-bit) – N/A
- **chosen\_order** (int 32-bit, *optional*) – N/A

## ReactionCustomEmoji

**class** hydrogram.raw.types.**ReactionCustomEmoji**

Telegram API type.

Constructor of *Reaction*.

### Details:

- Layer: 176
- ID: 8935FC73

### Parameters

- **document\_id** (int 64-bit) – N/A

## ReactionEmoji

**class** hydrogram.raw.types.ReactionEmoji

Telegram API type.

Constructor of [Reaction](#).

### Details:

- Layer: 176
- ID: 1B2286B8

### Parameters

**emoticon** (str) – N/A

## ReactionEmpty

**class** hydrogram.raw.types.ReactionEmpty

Telegram API type.

Constructor of [Reaction](#).

### Details:

- Layer: 176
- ID: 79F5D419

### Parameters

No parameters required.

## ReadParticipantDate

**class** hydrogram.raw.types.ReadParticipantDate

Telegram API type.

Constructor of [ReadParticipantDate](#).

### Details:

- Layer: 176
- ID: 4A4FF172

### Parameters

- **user\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetMessageReadParticipants</code> | Telegram API function. |
|--|------------------------|

## ReceivedNotifyMessage

**class** hydrogram.raw.types.ReceivedNotifyMessage

Telegram API type.

Constructor of [ReceivedNotifyMessage](#).

### Details:

- Layer: 176
- ID: A384B779

### Parameters

- **id** (int 32-bit) – N/A
- **flags** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <a href="#">messages.ReceivedMessages</a> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## RecentMeUrlChat

**class** hydrogram.raw.types.RecentMeUrlChat

Telegram API type.

Constructor of [RecentMeUrl](#).

### Details:

- Layer: 176
- ID: B2DA71D2

### Parameters

- **url** (str) – N/A
- **chat\_id** (int 64-bit) – N/A

## RecentMeUrlChatInvite

**class** hydrogram.raw.types.RecentMeUrlChatInvite

Telegram API type.

Constructor of [RecentMeUrl](#).

### Details:

- Layer: 176
- ID: EB49081D

### Parameters

- **url** (str) – N/A

- `chat_invite` (*ChatInvite*) – N/A

### RecentMeUrlStickerSet

**class** hydrogram.raw.types.RecentMeUrlStickerSet

Telegram API type.

Constructor of *RecentMeUrl*.

#### Details:

- Layer: 176
- ID: BC0A57DC

#### Parameters

- `url` (str) – N/A
- `set` (*StickerSetCovered*) – N/A

### RecentMeUrlUnknown

**class** hydrogram.raw.types.RecentMeUrlUnknown

Telegram API type.

Constructor of *RecentMeUrl*.

#### Details:

- Layer: 176
- ID: 46E1D13D

#### Parameters

`url` (str) – N/A

### RecentMeUrlUser

**class** hydrogram.raw.types.RecentMeUrlUser

Telegram API type.

Constructor of *RecentMeUrl*.

#### Details:

- Layer: 176
- ID: B92C09E2

#### Parameters

- `url` (str) – N/A
- `user_id` (int 64-bit) – N/A

## ReplyInlineMarkup

**class** hydrogram.raw.types.**ReplyInlineMarkup**

Telegram API type.

Constructor of [ReplyMarkup](#).

### Details:

- Layer: 176
- ID: 48A30254

### Parameters

**rows** (List of [KeyboardButtonRow](#)) – N/A

## ReplyKeyboardForceReply

**class** hydrogram.raw.types.**ReplyKeyboardForceReply**

Telegram API type.

Constructor of [ReplyMarkup](#).

### Details:

- Layer: 176
- ID: 86B40B08

### Parameters

- **single\_use** (bool, *optional*) – N/A
- **selective** (bool, *optional*) – N/A
- **placeholder** (str, *optional*) – N/A

## ReplyKeyboardHide

**class** hydrogram.raw.types.**ReplyKeyboardHide**

Telegram API type.

Constructor of [ReplyMarkup](#).

### Details:

- Layer: 176
- ID: A03E5B85

### Parameters

**selective** (bool, *optional*) – N/A

## ReplyKeyboardMarkup

**class** hydrogram.raw.types.**ReplyKeyboardMarkup**

Telegram API type.

Constructor of [ReplyMarkup](#).

### Details:

- Layer: 176
- ID: 85DD99D1

### Parameters

- **rows** (List of [KeyboardButtonRow](#)) – N/A
- **resize** (bool, *optional*) – N/A
- **single\_use** (bool, *optional*) – N/A
- **selective** (bool, *optional*) – N/A
- **persistent** (bool, *optional*) – N/A
- **placeholder** (str, *optional*) – N/A

## RequestPeerTypeBroadcast

**class** hydrogram.raw.types.**RequestPeerTypeBroadcast**

Telegram API type.

Constructor of [RequestPeerType](#).

### Details:

- Layer: 176
- ID: 339BEF6C

### Parameters

- **creator** (bool, *optional*) – N/A
- **has\_username** (bool, *optional*) – N/A
- **user\_admin\_rights** ([ChatAdminRights](#), *optional*) – N/A
- **bot\_admin\_rights** ([ChatAdminRights](#), *optional*) – N/A

## RequestPeerTypeChat

**class** hydrogram.raw.types.**RequestPeerTypeChat**

Telegram API type.

Constructor of [RequestPeerType](#).

### Details:

- Layer: 176
- ID: C9F06E1B

**Parameters**

- **creator** (bool, *optional*) – N/A
- **bot\_participant** (bool, *optional*) – N/A
- **has\_username** (bool, *optional*) – N/A
- **forum** (bool, *optional*) – N/A
- **user\_admin\_rights** ([ChatAdminRights](#), *optional*) – N/A
- **bot\_admin\_rights** ([ChatAdminRights](#), *optional*) – N/A

**RequestPeerTypeUser**

**class** hydrogram.raw.types.**RequestPeerTypeUser**

Telegram API type.

Constructor of [RequestPeerType](#).

**Details:**

- Layer: 176
- ID: 5F3B8A00

**Parameters**

- **bot** (bool, *optional*) – N/A
- **premium** (bool, *optional*) – N/A

**ResPQ**

**class** hydrogram.raw.types.**ResPQ**

Telegram API type.

Constructor of [ResPQ](#).

**Details:**

- Layer: 176
- ID: 05162463

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **pq** (bytes) – N/A
- **server\_public\_key\_fingerprints** (List of int 64-bit) – N/A

**Functions:**

This object can be returned by 2 functions.

|                            |                        |
|----------------------------|------------------------|
| <a href="#">ReqPq</a>      | Telegram API function. |
| <a href="#">ReqPqMulti</a> | Telegram API function. |



## RestrictionReason

**class** hydrogram.raw.types.**RestrictionReason**

Telegram API type.

Constructor of [RestrictionReason](#).

### Details:

- Layer: 176
- ID: D072ACB4

### Parameters

- **platform** (str) – N/A
- **reason** (str) – N/A
- **text** (str) – N/A

## RpcAnswerDropped

**class** hydrogram.raw.types.**RpcAnswerDropped**

Telegram API type.

Constructor of [RpcDropAnswer](#).

### Details:

- Layer: 176
- ID: A43AD8B7

### Parameters

- **msg\_id** (int 64-bit) – N/A
- **seq\_no** (int 32-bit) – N/A
- **bytes** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

[RpcDropAnswer](#)

Telegram API function.

## RpcAnswerDroppedRunning

**class** hydrogram.raw.types.**RpcAnswerDroppedRunning**

Telegram API type.

Constructor of [RpcDropAnswer](#).

### Details:

- Layer: 176
- ID: CD78E586

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#"><i>RpcDropAnswer</i></a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## RpcAnswerUnknown

**class** hydrogram.raw.types.RpcAnswerUnknown

Telegram API type.

Constructor of [\*RpcDropAnswer\*](#).

### Details:

- Layer: 176
- ID: 5E2AD36E

### Parameters

No parameters required.

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#"><i>RpcDropAnswer</i></a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## RpcError

**class** hydrogram.raw.types.RpcError

Telegram API type.

Constructor of [\*RpcError\*](#).

### Details:

- Layer: 176
- ID: 2144CA19

### Parameters

- **error\_code** (int 32-bit) – N/A
- **error\_message** (str) – N/A

## RpcResult

**class** hydrogram.raw.types.RpcResult

Telegram API type.

Constructor of [RpcResult](#).

### Details:

- Layer: 176
- ID: F35C6D01

### Parameters

- **req\_msg\_id** (int 64-bit) – N/A
- **result** (Object) – N/A

## SavedDialog

**class** hydrogram.raw.types.SavedDialog

Telegram API type.

Constructor of [SavedDialog](#).

### Details:

- Layer: 176
- ID: BD87CB6C

### Parameters

- **peer** ([Peer](#)) – N/A
- **top\_message** (int 32-bit) – N/A
- **pinned** (bool, *optional*) – N/A

## SavedPhoneContact

**class** hydrogram.raw.types.SavedPhoneContact

Telegram API type.

Constructor of [SavedContact](#).

### Details:

- Layer: 176
- ID: 1142BD56

### Parameters

- **phone** (str) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **date** (int 32-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <code>contacts.GetSaved</code> | Telegram API function. |
|--------------------------------|------------------------|

### SavedReactionTag

**class** hydrogram.raw.types.SavedReactionTag

Telegram API type.

Constructor of [SavedReactionTag](#).

#### Details:

- Layer: 176
- ID: CB6FF828

#### Parameters

- **reaction** ([Reaction](#)) – N/A
- **count** (int 32-bit) – N/A
- **title** (str, *optional*) – N/A

### SearchResultPosition

**class** hydrogram.raw.types.SearchResultPosition

Telegram API type.

Constructor of [SearchResultsPosition](#).

#### Details:

- Layer: 176
- ID: 7F648B67

#### Parameters

- **msg\_id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **offset** (int 32-bit) – N/A

### SearchResultsCalendarPeriod

**class** hydrogram.raw.types.SearchResultsCalendarPeriod

Telegram API type.

Constructor of [SearchResultsCalendarPeriod](#).

#### Details:

- Layer: 176
- ID: C9B0539F

**Parameters**

- **date** (int 32-bit) – N/A
- **min\_msg\_id** (int 32-bit) – N/A
- **max\_msg\_id** (int 32-bit) – N/A
- **count** (int 32-bit) – N/A

**SecureCredentialsEncrypted**

**class** hydrogram.raw.types.**SecureCredentialsEncrypted**

Telegram API type.

Constructor of [SecureCredentialsEncrypted](#).

**Details:**

- Layer: 176
- ID: 33F0EA47

**Parameters**

- **data** (bytes) – N/A
- **hash** (bytes) – N/A
- **secret** (bytes) – N/A

**SecureData**

**class** hydrogram.raw.types.**SecureData**

Telegram API type.

Constructor of [SecureData](#).

**Details:**

- Layer: 176
- ID: 8AEABEC3

**Parameters**

- **data** (bytes) – N/A
- **data\_hash** (bytes) – N/A
- **secret** (bytes) – N/A

## SecureFile

**class** hydrogram.raw.types.SecureFile

Telegram API type.

Constructor of [SecureFile](#).

### Details:

- Layer: 176
- ID: 7D09C27E

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **size** (int 64-bit) – N/A
- **dc\_id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **file\_hash** (bytes) – N/A
- **secret** (bytes) – N/A

## SecureFileEmpty

**class** hydrogram.raw.types.SecureFileEmpty

Telegram API type.

Constructor of [SecureFile](#).

### Details:

- Layer: 176
- ID: 64199744

### Parameters

No parameters required.

## SecurePasswordKdfAlgoPBKDF2HMACSHA512iter100000

**class** hydrogram.raw.types.SecurePasswordKdfAlgoPBKDF2HMACSHA512iter100000

Telegram API type.

Constructor of [SecurePasswordKdfAlgo](#).

### Details:

- Layer: 176
- ID: BBF2DDA0

### Parameters

**salt** (bytes) – N/A

### SecurePasswordKdfAlgoSHA512

**class** hydrogram.raw.types.SecurePasswordKdfAlgoSHA512

Telegram API type.

Constructor of *SecurePasswordKdfAlgo*.

**Details:**

- Layer: 176
- ID: 86471D92

**Parameters**

salt (bytes) – N/A

### SecurePasswordKdfAlgoUnknown

**class** hydrogram.raw.types.SecurePasswordKdfAlgoUnknown

Telegram API type.

Constructor of *SecurePasswordKdfAlgo*.

**Details:**

- Layer: 176
- ID: 4A8537

**Parameters**

No parameters required.

### SecurePlainEmail

**class** hydrogram.raw.types.SecurePlainEmail

Telegram API type.

Constructor of *SecurePlainData*.

**Details:**

- Layer: 176
- ID: 21EC5A5F

**Parameters**

email (str) – N/A

## SecurePlainPhone

**class** hydrogram.raw.types.SecurePlainPhone

Telegram API type.

Constructor of [SecurePlainData](#).

### Details:

- Layer: 176
- ID: 7D6099DD

### Parameters

**phone** (str) – N/A

## SecureRequiredType

**class** hydrogram.raw.types.SecureRequiredType

Telegram API type.

Constructor of [SecureRequiredType](#).

### Details:

- Layer: 176
- ID: 829D99DA

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **native\_names** (bool, *optional*) – N/A
- **selfie\_required** (bool, *optional*) – N/A
- **translation\_required** (bool, *optional*) – N/A

## SecureRequiredTypeOneOf

**class** hydrogram.raw.types.SecureRequiredTypeOneOf

Telegram API type.

Constructor of [SecureRequiredType](#).

### Details:

- Layer: 176
- ID: 27477B4

### Parameters

**types** (List of [SecureRequiredType](#)) – N/A



## SecureSecretSettings

**class** hydrogram.raw.types.SecureSecretSettings

Telegram API type.

Constructor of [SecureSecretSettings](#).

### Details:

- Layer: 176
- ID: 1527BCAC

### Parameters

- **secure\_algo** ([SecurePasswordKdfAlgo](#)) – N/A
- **secure\_secret** (bytes) – N/A
- **secure\_secret\_id** (int 64-bit) – N/A

## SecureValue

**class** hydrogram.raw.types.SecureValue

Telegram API type.

Constructor of [SecureValue](#).

### Details:

- Layer: 176
- ID: 187FA0CA

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **hash** (bytes) – N/A
- **data** ([SecureData](#), *optional*) – N/A
- **front\_side** ([SecureFile](#), *optional*) – N/A
- **reverse\_side** ([SecureFile](#), *optional*) – N/A
- **selfie** ([SecureFile](#), *optional*) – N/A
- **translation** (List of [SecureFile](#), *optional*) – N/A
- **files** (List of [SecureFile](#), *optional*) – N/A
- **plain\_data** ([SecurePlainData](#), *optional*) – N/A

### Functions:

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <a href="#">account.GetAllSecureValues</a> | Telegram API function. |
| <a href="#">account.GetSecureValue</a>     | Telegram API function. |
| <a href="#">account.SaveSecureValue</a>    | Telegram API function. |

## SecureValueError

**class** hydrogram.raw.types.SecureValueError

Telegram API type.

Constructor of [SecureValueError](#).

### Details:

- Layer: 176
- ID: 869D758F

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **hash** (bytes) – N/A
- **text** (str) – N/A

## SecureValueErrorData

**class** hydrogram.raw.types.SecureValueErrorData

Telegram API type.

Constructor of [SecureValueError](#).

### Details:

- Layer: 176
- ID: E8A40BD9

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **data\_hash** (bytes) – N/A
- **field** (str) – N/A
- **text** (str) – N/A

## SecureValueErrorFile

**class** hydrogram.raw.types.SecureValueErrorFile

Telegram API type.

Constructor of [SecureValueError](#).

### Details:

- Layer: 176
- ID: 7A700873

### Parameters

- **type** ([SecureValueType](#)) – N/A
- **file\_hash** (bytes) – N/A

- **text** (str) – N/A

### SecureValueErrorFiles

**class** hydrogram.raw.types.SecureValueErrorFiles

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: 666220E9

#### Parameters

- **type** ([SecureValueType](#)) – N/A
- **file\_hash** (List of bytes) – N/A
- **text** (str) – N/A

### SecureValueErrorFrontSide

**class** hydrogram.raw.types.SecureValueErrorFrontSide

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: BE3DFA

#### Parameters

- **type** ([SecureValueType](#)) – N/A
- **file\_hash** (bytes) – N/A
- **text** (str) – N/A

### SecureValueErrorReverseSide

**class** hydrogram.raw.types.SecureValueErrorReverseSide

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: 868A2AA5

#### Parameters

- **type** ([SecureValueType](#)) – N/A

- **file\_hash** (bytes) – N/A
- **text** (str) – N/A

### SecureValueErrorSelfie

**class** hydrogram.raw.types.SecureValueErrorSelfie

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: E537CED6

#### Parameters

- **type** ([SecureValueType](#)) – N/A
- **file\_hash** (bytes) – N/A
- **text** (str) – N/A

### SecureValueErrorTranslationFile

**class** hydrogram.raw.types.SecureValueErrorTranslationFile

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: A1144770

#### Parameters

- **type** ([SecureValueType](#)) – N/A
- **file\_hash** (bytes) – N/A
- **text** (str) – N/A

### SecureValueErrorTranslationFiles

**class** hydrogram.raw.types.SecureValueErrorTranslationFiles

Telegram API type.

Constructor of [SecureValueError](#).

#### Details:

- Layer: 176
- ID: 34636DD8

#### Parameters

- **type** (*SecureValueType*) – N/A
- **file\_hash** (List of bytes) – N/A
- **text** (str) – N/A

### SecureValueHash

**class** hydrogram.raw.types.SecureValueHash

Telegram API type.

Constructor of *SecureValueHash*.

#### Details:

- Layer: 176
- ID: ED1ECDB0

#### Parameters

- **type** (*SecureValueType*) – N/A
- **hash** (bytes) – N/A

### SecureValueTypeAddress

**class** hydrogram.raw.types.SecureValueTypeAddress

Telegram API type.

Constructor of *SecureValueType*.

#### Details:

- Layer: 176
- ID: CBE31E26

#### Parameters

No parameters required.

### SecureValueTypeBankStatement

**class** hydrogram.raw.types.SecureValueTypeBankStatement

Telegram API type.

Constructor of *SecureValueType*.

#### Details:

- Layer: 176
- ID: 89137C0D

#### Parameters

No parameters required.

### SecureValueTypeDriverLicense

**class** hydrogram.raw.types.SecureValueTypeDriverLicense

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 6E425C4

**Parameters**

No parameters required.

### SecureValueTypeEmail

**class** hydrogram.raw.types.SecureValueTypeEmail

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 8E3CA7EE

**Parameters**

No parameters required.

### SecureValueTypeIdentityCard

**class** hydrogram.raw.types.SecureValueTypeIdentityCard

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: A0D0744B

**Parameters**

No parameters required.

### SecureValueTypeInternalPassport

**class** hydrogram.raw.types.SecureValueTypeInternalPassport

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 99A48F23

**Parameters**

No parameters required.

### SecureValueTypePassport

**class** hydrogram.raw.types.SecureValueTypePassport

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 3DAC6A00

**Parameters**

No parameters required.

### SecureValueTypePassportRegistration

**class** hydrogram.raw.types.SecureValueTypePassportRegistration

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 99E3806A

**Parameters**

No parameters required.

### SecureValueTypePersonalDetails

**class** hydrogram.raw.types.SecureValueTypePersonalDetails

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 9D2A81E3

**Parameters**

No parameters required.

### SecureValueTypePhone

**class** hydrogram.raw.types.SecureValueTypePhone

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: B320AADB

**Parameters**

No parameters required.

### SecureValueTypeRentalAgreement

**class** hydrogram.raw.types.SecureValueTypeRentalAgreement

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: 8B883488

**Parameters**

No parameters required.



### SecureValueTypeTemporaryRegistration

**class** hydrogram.raw.types.SecureValueTypeTemporaryRegistration

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: EA02EC33

**Parameters**

No parameters required.

### SecureValueTypeUtilityBill

**class** hydrogram.raw.types.SecureValueTypeUtilityBill

Telegram API type.

Constructor of *SecureValueType*.

**Details:**

- Layer: 176
- ID: FC36954E

**Parameters**

No parameters required.

### SendAsPeer

**class** hydrogram.raw.types.SendAsPeer

Telegram API type.

Constructor of *SendAsPeer*.

**Details:**

- Layer: 176
- ID: B81C7034

**Parameters**

- **peer** (*Peer*) – N/A
- **premium\_required** (bool, *optional*) – N/A

### SendMessageCancelAction

**class** hydrogram.raw.types.SendMessageCancelAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: FD5EC8F5

**Parameters**

No parameters required.

### SendMessageChooseContactAction

**class** hydrogram.raw.types.SendMessageChooseContactAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: 628CBC6F

**Parameters**

No parameters required.

### SendMessageChooseStickerAction

**class** hydrogram.raw.types.SendMessageChooseStickerAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: B05AC6B1

**Parameters**

No parameters required.

### SendMessageEmojiInteraction

**class** hydrogram.raw.types.SendMessageEmojiInteraction

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: 25972BCB

**Parameters**

- **emoticon** (str) – N/A
- **msg\_id** (int 32-bit) – N/A
- **interaction** ([DataJSON](#)) – N/A

### SendMessageEmojiInteractionSeen

**class** hydrogram.raw.types.SendMessageEmojiInteractionSeen

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: B665902E

**Parameters**

**emoticon** (str) – N/A

### SendMessageGamePlayAction

**class** hydrogram.raw.types.SendMessageGamePlayAction

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: DD6A8F48

**Parameters**

No parameters required.

### SendMessageGeoLocationAction

**class** hydrogram.raw.types.SendMessageGeoLocationAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: 176F8BA1

**Parameters**

No parameters required.

### SendMessageHistoryImportAction

**class** hydrogram.raw.types.SendMessageHistoryImportAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: DBDA9246

**Parameters**

progress (int 32-bit) – N/A

### SendMessageRecordAudioAction

**class** hydrogram.raw.types.SendMessageRecordAudioAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: D52F73F7

**Parameters**

No parameters required.

### SendMessageRecordRoundAction

**class** hydrogram.raw.types.SendMessageRecordRoundAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: 88F27FBC

**Parameters**

No parameters required.

### SendMessageRecordVideoAction

**class** hydrogram.raw.types.SendMessageRecordVideoAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: A187D66F

**Parameters**

No parameters required.

### SendMessageTypingAction

**class** hydrogram.raw.types.SendMessageTypingAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: 16BF744E

**Parameters**

No parameters required.

### SendMessageUploadAudioAction

**class** hydrogram.raw.types.SendMessageUploadAudioAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: F351D7AB

**Parameters**

**progress** (int 32-bit) – N/A

### SendMessageUploadDocumentAction

**class** hydrogram.raw.types.SendMessageUploadDocumentAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: AA0CD9E4

**Parameters**

**progress** (int 32-bit) – N/A

### SendMessageUploadPhotoAction

**class** hydrogram.raw.types.SendMessageUploadPhotoAction

Telegram API type.

Constructor of *SendMessageAction*.

**Details:**

- Layer: 176
- ID: D1D34A26

**Parameters**

**progress** (int 32-bit) – N/A

### SendMessageUploadRoundAction

**class** hydrogram.raw.types.SendMessageUploadRoundAction

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: 243E1C66

**Parameters**

**progress** (int 32-bit) – N/A

### SendMessageUploadVideoAction

**class** hydrogram.raw.types.SendMessageUploadVideoAction

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: E9763AEC

**Parameters**

**progress** (int 32-bit) – N/A

### ServerDHInnerData

**class** hydrogram.raw.types.ServerDHInnerData

Telegram API type.

Constructor of [ServerDHInnerData](#).

**Details:**

- Layer: 176
- ID: B5890DBA

**Parameters**

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **g** (int 32-bit) – N/A
- **dh\_prime** (bytes) – N/A
- **g\_a** (bytes) – N/A
- **server\_time** (int 32-bit) – N/A

## ServerDHParamsFail

**class** hydrogram.raw.types.ServerDHParamsFail

Telegram API type.

Constructor of [ServerDHParams](#).

### Details:

- Layer: 176
- ID: 79CB045D

### Parameters

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **new\_nonce\_hash** (int 128-bit) – N/A

### Functions:

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <a href="#">ReqDHParams</a> | Telegram API function. |
|-----------------------------|------------------------|

## ServerDHParamsOk

**class** hydrogram.raw.types.ServerDHParamsOk

Telegram API type.

Constructor of [ServerDHParams](#).

### Details:

- Layer: 176
- ID: D0E8075C

### Parameters

- **nonce** (int 128-bit) – N/A
- **server\_nonce** (int 128-bit) – N/A
- **encrypted\_answer** (bytes) – N/A

### Functions:

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <a href="#">ReqDHParams</a> | Telegram API function. |
|-----------------------------|------------------------|



## ShippingOption

**class** hydrogram.raw.types.ShippingOption

Telegram API type.

Constructor of *ShippingOption*.

### Details:

- Layer: 176
- ID: B6213CDF

### Parameters

- **id** (str) – N/A
- **title** (str) – N/A
- **prices** (List of *LabeledPrice*) – N/A

## SimpleWebViewResultUrl

**class** hydrogram.raw.types.SimpleWebViewResultUrl

Telegram API type.

Constructor of *SimpleWebViewResult*.

### Details:

- Layer: 176
- ID: 882F76BB

### Parameters

**url** (str) – N/A

### Functions:

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <i>messages.RequestSimpleWebView</i> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## SmsJob

**class** hydrogram.raw.types.SmsJob

Telegram API type.

Constructor of *SmsJob*.

### Details:

- Layer: 176
- ID: E6A1EEB8

### Parameters

- **job\_id** (str) – N/A

- **phone\_number** (str) – N/A
- **text** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <code>smsjobs.GetSmsJob</code> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## SpeakingInGroupCallAction

**class** hydrogram.raw.types.SpeakingInGroupCallAction

Telegram API type.

Constructor of [SendMessageAction](#).

**Details:**

- Layer: 176
- ID: D92C2285

**Parameters**

No parameters required.

## SponsoredMessage

**class** hydrogram.raw.types.SponsoredMessage

Telegram API type.

Constructor of [SponsoredMessage](#).

**Details:**

- Layer: 176
- ID: ED5383F7

**Parameters**

- **random\_id** (bytes) – N/A
- **message** (str) – N/A
- **recommended** (bool, *optional*) – N/A
- **show\_peer\_photo** (bool, *optional*) – N/A
- **from\_id** ([Peer](#), *optional*) – N/A
- **chat\_invite** ([ChatInvite](#), *optional*) – N/A
- **chat\_invite\_hash** (str, *optional*) – N/A
- **channel\_post** (int 32-bit, *optional*) – N/A
- **start\_param** (str, *optional*) – N/A
- **webpage** ([SponsoredWebPage](#), *optional*) – N/A
- **app** ([BotApp](#), *optional*) – N/A

- **entities** (List of *MessageEntity*, *optional*) – N/A
- **button\_text** (str, *optional*) – N/A
- **sponsor\_info** (str, *optional*) – N/A
- **additional\_info** (str, *optional*) – N/A

### SponsoredWebPage

**class** hydrogram.raw.types.SponsoredWebPage

Telegram API type.

Constructor of *SponsoredWebPage*.

#### Details:

- Layer: 176
- ID: 3DB8EC63

#### Parameters

- **url** (str) – N/A
- **site\_name** (str) – N/A
- **photo** (*Photo*, *optional*) – N/A

### StatsAbsValueAndPrev

**class** hydrogram.raw.types.StatsAbsValueAndPrev

Telegram API type.

Constructor of *StatsAbsValueAndPrev*.

#### Details:

- Layer: 176
- ID: CB43ACDE

#### Parameters

- **current** (float 64-bit) – N/A
- **previous** (float 64-bit) – N/A

### StatsDateRangeDays

**class** hydrogram.raw.types.StatsDateRangeDays

Telegram API type.

Constructor of *StatsDateRangeDays*.

#### Details:

- Layer: 176
- ID: B637EDAF

**Parameters**

- **min\_date** (int 32-bit) – N/A
- **max\_date** (int 32-bit) – N/A

**StatsGraph**

**class** hydrogram.raw.types.**StatsGraph**

Telegram API type.

Constructor of [StatsGraph](#).

**Details:**

- Layer: 176
- ID: 8EA464B6

**Parameters**

- **json** ([DataJSON](#)) – N/A
- **zoom\_token** (str, *optional*) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#">stats.LoadAsyncGraph</a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**StatsGraphAsync**

**class** hydrogram.raw.types.**StatsGraphAsync**

Telegram API type.

Constructor of [StatsGraph](#).

**Details:**

- Layer: 176
- ID: 4A27EB2D

**Parameters**

**token** (str) – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <a href="#">stats.LoadAsyncGraph</a> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## StatsGraphError

**class** hydrogram.raw.types.StatsGraphError

Telegram API type.

Constructor of *StatsGraph*.

### Details:

- Layer: 176
- ID: BEDC9822

### Parameters

**error** (str) – N/A

### Functions:

This object can be returned by 1 function.

*stats.LoadAsyncGraph*

Telegram API function.

## StatsGroupTopAdmin

**class** hydrogram.raw.types.StatsGroupTopAdmin

Telegram API type.

Constructor of *StatsGroupTopAdmin*.

### Details:

- Layer: 176
- ID: D7584C87

### Parameters

- **user\_id** (int 64-bit) – N/A
- **deleted** (int 32-bit) – N/A
- **kicked** (int 32-bit) – N/A
- **banned** (int 32-bit) – N/A

## StatsGroupTopInviter

**class** hydrogram.raw.types.StatsGroupTopInviter

Telegram API type.

Constructor of *StatsGroupTopInviter*.

### Details:

- Layer: 176
- ID: 535F779D

### Parameters

- **user\_id** (int 64-bit) – N/A
- **invitations** (int 32-bit) – N/A

### StatsGroupTopPoster

**class** hydrogram.raw.types.StatsGroupTopPoster

Telegram API type.

Constructor of *StatsGroupTopPoster*.

#### Details:

- Layer: 176
- ID: 9D04AF9B

#### Parameters

- **user\_id** (int 64-bit) – N/A
- **messages** (int 32-bit) – N/A
- **avg\_chars** (int 32-bit) – N/A

### StatsPercentValue

**class** hydrogram.raw.types.StatsPercentValue

Telegram API type.

Constructor of *StatsPercentValue*.

#### Details:

- Layer: 176
- ID: CBCE2FE0

#### Parameters

- **part** (float 64-bit) – N/A
- **total** (float 64-bit) – N/A

### StatsURL

**class** hydrogram.raw.types.StatsURL

Telegram API type.

Constructor of *StatsURL*.

#### Details:

- Layer: 176
- ID: 47A971E0

#### Parameters

**url** (str) – N/A

## StickerKeyword

**class** hydrogram.raw.types.StickerKeyword

Telegram API type.

Constructor of *StickerKeyword*.

### Details:

- Layer: 176
- ID: FCFEB29C

### Parameters

- **document\_id** (int 64-bit) – N/A
- **keyword** (List of str) – N/A

## StickerPack

**class** hydrogram.raw.types.StickerPack

Telegram API type.

Constructor of *StickerPack*.

### Details:

- Layer: 176
- ID: 12B299D4

### Parameters

- **emoticon** (str) – N/A
- **documents** (List of int 64-bit) – N/A

## StickerSet

**class** hydrogram.raw.types.StickerSet

Telegram API type.

Constructor of *StickerSet*.

### Details:

- Layer: 176
- ID: 2DD14EDC

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **title** (str) – N/A
- **short\_name** (str) – N/A
- **count** (int 32-bit) – N/A

- **hash** (int 32-bit) – N/A
- **archived** (bool, *optional*) – N/A
- **official** (bool, *optional*) – N/A
- **masks** (bool, *optional*) – N/A
- **animated** (bool, *optional*) – N/A
- **videos** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A
- **text\_color** (bool, *optional*) – N/A
- **channel\_emoji\_status** (bool, *optional*) – N/A
- **installed\_date** (int 32-bit, *optional*) – N/A
- **thumbs** (List of *PhotoSize*, *optional*) – N/A
- **thumb\_dc\_id** (int 32-bit, *optional*) – N/A
- **thumb\_version** (int 32-bit, *optional*) – N/A
- **thumb\_document\_id** (int 64-bit, *optional*) – N/A

## StickerSetCovered

**class** hydrogram.raw.types.StickerSetCovered

Telegram API type.

Constructor of *StickerSetCovered*.

### Details:

- Layer: 176
- ID: 6410A5D2

### Parameters

- **set** (*StickerSet*) – N/A
- **cover** (*Document*) – N/A

### Functions:

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetAttachedStickers</i> | Telegram API function. |
|-------------------------------------|------------------------|



## StickerSetFullCovered

**class** hydrogram.raw.types.StickerSetFullCovered

Telegram API type.

Constructor of *StickerSetCovered*.

### Details:

- Layer: 176
- ID: 40D13C0E

### Parameters

- **set** (*StickerSet*) – N/A
- **packs** (List of *StickerPack*) – N/A
- **keywords** (List of *StickerKeyword*) – N/A
- **documents** (List of *Document*) – N/A

### Functions:

This object can be returned by 1 function.

*messages.GetAttachedStickers*

Telegram API function.

## StickerSetMultiCovered

**class** hydrogram.raw.types.StickerSetMultiCovered

Telegram API type.

Constructor of *StickerSetCovered*.

### Details:

- Layer: 176
- ID: 3407E51B

### Parameters

- **set** (*StickerSet*) – N/A
- **covers** (List of *Document*) – N/A

### Functions:

This object can be returned by 1 function.

*messages.GetAttachedStickers*

Telegram API function.

## StickerSetNoCovered

**class** hydrogram.raw.types.StickerSetNoCovered

Telegram API type.

Constructor of [StickerSetCovered](#).

### Details:

- Layer: 176
- ID: 77B15D1C

### Parameters

**set** ([StickerSet](#)) – N/A

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <a href="#">messages.GetAttachedStickers</a> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## StoriesStealthMode

**class** hydrogram.raw.types.StoriesStealthMode

Telegram API type.

Constructor of [StoriesStealthMode](#).

### Details:

- Layer: 176
- ID: 712E27FD

### Parameters

- **active\_until\_date** (int 32-bit, *optional*) – N/A
- **cooldown\_until\_date** (int 32-bit, *optional*) – N/A

## StoryFwdHeader

**class** hydrogram.raw.types.StoryFwdHeader

Telegram API type.

Constructor of [StoryFwdHeader](#).

### Details:

- Layer: 176
- ID: B826E150

### Parameters

- **modified** (bool, *optional*) – N/A
- **from\_peer** ([Peer](#), *optional*) – N/A

- **from\_name** (str, *optional*) – N/A
- **story\_id** (int 32-bit, *optional*) – N/A

## StoryItem

**class** hydrogram.raw.types.**StoryItem**

Telegram API type.

Constructor of [StoryItem](#).

### Details:

- Layer: 176
- ID: 79B26A24

### Parameters

- **id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **expire\_date** (int 32-bit) – N/A
- **media** ([MessageMedia](#)) – N/A
- **pinned** (bool, *optional*) – N/A
- **public** (bool, *optional*) – N/A
- **close\_friends** (bool, *optional*) – N/A
- **min** (bool, *optional*) – N/A
- **noforwards** (bool, *optional*) – N/A
- **edited** (bool, *optional*) – N/A
- **contacts** (bool, *optional*) – N/A
- **selected\_contacts** (bool, *optional*) – N/A
- **out** (bool, *optional*) – N/A
- **from\_id** ([Peer](#), *optional*) – N/A
- **fwd\_from** ([StoryFwdHeader](#), *optional*) – N/A
- **caption** (str, *optional*) – N/A
- **entities** (List of [MessageEntity](#), *optional*) – N/A
- **media\_areas** (List of [MediaArea](#), *optional*) – N/A
- **privacy** (List of [PrivacyRule](#), *optional*) – N/A
- **views** ([StoryViews](#), *optional*) – N/A
- **sent\_reaction** ([Reaction](#), *optional*) – N/A

## StoryItemDeleted

**class** hydrogram.raw.types.StoryItemDeleted

Telegram API type.

Constructor of [StoryItem](#).

### Details:

- Layer: 176
- ID: 51E6EE4F

### Parameters

**id** (int 32-bit) – N/A

## StoryItemSkipped

**class** hydrogram.raw.types.StoryItemSkipped

Telegram API type.

Constructor of [StoryItem](#).

### Details:

- Layer: 176
- ID: FFADC913

### Parameters

- **id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **expire\_date** (int 32-bit) – N/A
- **close\_friends** (bool, *optional*) – N/A

## StoryReaction

**class** hydrogram.raw.types.StoryReaction

Telegram API type.

Constructor of [StoryReaction](#).

### Details:

- Layer: 176
- ID: 6090D6D5

### Parameters

- **peer\_id** ([Peer](#)) – N/A
- **date** (int 32-bit) – N/A
- **reaction** ([Reaction](#)) – N/A

### StoryReactionPublicForward

**class** hydrogram.raw.types.StoryReactionPublicForward

Telegram API type.

Constructor of *StoryReaction*.

**Details:**

- Layer: 176
- ID: BBAB2643

**Parameters**

**message** (*Message*) – N/A

### StoryReactionPublicRepost

**class** hydrogram.raw.types.StoryReactionPublicRepost

Telegram API type.

Constructor of *StoryReaction*.

**Details:**

- Layer: 176
- ID: CFCD0F13

**Parameters**

- **peer\_id** (*Peer*) – N/A
- **story** (*StoryItem*) – N/A

### StoryView

**class** hydrogram.raw.types.StoryView

Telegram API type.

Constructor of *StoryView*.

**Details:**

- Layer: 176
- ID: B0BDEAC5

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **blocked** (bool, *optional*) – N/A
- **blocked\_my\_stories\_from** (bool, *optional*) – N/A
- **reaction** (*Reaction*, *optional*) – N/A

## StoryViewPublicForward

**class** hydrogram.raw.types.StoryViewPublicForward

Telegram API type.

Constructor of [StoryView](#).

### Details:

- Layer: 176
- ID: 9083670B

### Parameters

- **message** ([Message](#)) – N/A
- **blocked** (bool, *optional*) – N/A
- **blocked\_my\_stories\_from** (bool, *optional*) – N/A

## StoryViewPublicRepost

**class** hydrogram.raw.types.StoryViewPublicRepost

Telegram API type.

Constructor of [StoryView](#).

### Details:

- Layer: 176
- ID: BD74CF49

### Parameters

- **peer\_id** ([Peer](#)) – N/A
- **story** ([StoryItem](#)) – N/A
- **blocked** (bool, *optional*) – N/A
- **blocked\_my\_stories\_from** (bool, *optional*) – N/A

## StoryViews

**class** hydrogram.raw.types.StoryViews

Telegram API type.

Constructor of [StoryViews](#).

### Details:

- Layer: 176
- ID: 8D595CD6

### Parameters

- **views\_count** (int 32-bit) – N/A
- **has\_viewers** (bool, *optional*) – N/A

- **forwards\_count** (int 32-bit, *optional*) – N/A
- **reactions** (List of [ReactionCount](#), *optional*) – N/A
- **reactions\_count** (int 32-bit, *optional*) – N/A
- **recent\_viewers** (List of int 64-bit, *optional*) – N/A

## TextAnchor

**class** hydrogram.raw.types.**TextAnchor**

Telegram API type.

Constructor of [RichText](#).

### Details:

- Layer: 176
- ID: 35553762

### Parameters

- **text** ([RichText](#)) – N/A
- **name** (str) – N/A

## TextBold

**class** hydrogram.raw.types.**TextBold**

Telegram API type.

Constructor of [RichText](#).

### Details:

- Layer: 176
- ID: 6724ABC4

### Parameters

**text** ([RichText](#)) – N/A

## TextConcat

**class** hydrogram.raw.types.**TextConcat**

Telegram API type.

Constructor of [RichText](#).

### Details:

- Layer: 176
- ID: 7E6260D7

### Parameters

**texts** (List of [RichText](#)) – N/A

### TextEmail

**class** hydrogram.raw.types.TextEmail

Telegram API type.

Constructor of *RichText*.

#### Details:

- Layer: 176
- ID: DE5A0DD6

#### Parameters

- **text** (*RichText*) – N/A
- **email** (str) – N/A

### TextEmpty

**class** hydrogram.raw.types.TextEmpty

Telegram API type.

Constructor of *RichText*.

#### Details:

- Layer: 176
- ID: DC3D824F

#### Parameters

No parameters required.

### TextFixed

**class** hydrogram.raw.types.TextFixed

Telegram API type.

Constructor of *RichText*.

#### Details:

- Layer: 176
- ID: 6C3F19B9

#### Parameters

**text** (*RichText*) – N/A



## TextImage

**class** hydrogram.raw.types.**TextImage**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: 81CCF4F

### Parameters

- **document\_id** (int 64-bit) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A

## TextItalic

**class** hydrogram.raw.types.**TextItalic**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: D912A59C

### Parameters

**text** (*RichText*) – N/A

## TextMarked

**class** hydrogram.raw.types.**TextMarked**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: 34B8621

### Parameters

**text** (*RichText*) – N/A

## TextPhone

**class** hydrogram.raw.types.**TextPhone**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: 1CCB966A

### Parameters

- **text** (*RichText*) – N/A
- **phone** (str) – N/A

## TextPlain

**class** hydrogram.raw.types.**TextPlain**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: 744694E0

### Parameters

**text** (str) – N/A

## TextStrike

**class** hydrogram.raw.types.**TextStrike**

Telegram API type.

Constructor of *RichText*.

### Details:

- Layer: 176
- ID: 9BF8BB95

### Parameters

**text** (*RichText*) – N/A

### TextSubscript

**class** hydrogram.raw.types.TextSubscript

Telegram API type.

Constructor of *RichText*.

**Details:**

- Layer: 176
- ID: ED6A8504

**Parameters**

**text** (*RichText*) – N/A

### TextSuperscript

**class** hydrogram.raw.types.TextSuperscript

Telegram API type.

Constructor of *RichText*.

**Details:**

- Layer: 176
- ID: C7FB5E01

**Parameters**

**text** (*RichText*) – N/A

### TextUnderline

**class** hydrogram.raw.types.TextUnderline

Telegram API type.

Constructor of *RichText*.

**Details:**

- Layer: 176
- ID: C12622C4

**Parameters**

**text** (*RichText*) – N/A

### TextUrl

**class** hydrogram.raw.types.TextUrl

Telegram API type.

Constructor of *RichText*.

#### Details:

- Layer: 176
- ID: 3C2884C1

#### Parameters

- **text** (*RichText*) – N/A
- **url** (str) – N/A
- **webpage\_id** (int 64-bit) – N/A

### TextWithEntities

**class** hydrogram.raw.types.TextWithEntities

Telegram API type.

Constructor of *TextWithEntities*.

#### Details:

- Layer: 176
- ID: 751F3146

#### Parameters

- **text** (str) – N/A
- **entities** (List of *MessageEntity*) – N/A

### Theme

**class** hydrogram.raw.types.Theme

Telegram API type.

Constructor of *Theme*.

#### Details:

- Layer: 176
- ID: A00E67D6

#### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **slug** (str) – N/A
- **title** (str) – N/A

- **creator** (bool, *optional*) – N/A
- **default** (bool, *optional*) – N/A
- **for\_chat** (bool, *optional*) – N/A
- **document** (*Document*, *optional*) – N/A
- **settings** (List of *ThemeSettings*, *optional*) – N/A
- **emoticon** (str, *optional*) – N/A
- **installs\_count** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <code>account.CreateTheme</code> | Telegram API function. |
| <code>account.UpdateTheme</code> | Telegram API function. |
| <code>account.GetTheme</code>    | Telegram API function. |

**ThemeSettings**

**class** hydrogram.raw.types.**ThemeSettings**

Telegram API type.

Constructor of *ThemeSettings*.

**Details:**

- Layer: 176
- ID: FA58B6D4

**Parameters**

- **base\_theme** (*BaseTheme*) – N/A
- **accent\_color** (int 32-bit) – N/A
- **message\_colors\_animated** (bool, *optional*) – N/A
- **outbox\_accent\_color** (int 32-bit, *optional*) – N/A
- **message\_colors** (List of int 32-bit, *optional*) – N/A
- **wallpaper** (*WallPaper*, *optional*) – N/A

**Timezone**

**class** hydrogram.raw.types.**Timezone**

Telegram API type.

Constructor of *Timezone*.

**Details:**

- Layer: 176
- ID: FF9289F5

#### Parameters

- **id** (str) – N/A
- **name** (str) – N/A
- **utc\_offset** (int 32-bit) – N/A

### TopPeer

**class** hydrogram.raw.types.TopPeer

Telegram API type.

Constructor of [TopPeer](#).

#### Details:

- Layer: 176
- ID: EDCDC05B

#### Parameters

- **peer** ([Peer](#)) – N/A
- **rating** (float 64-bit) – N/A

### TopPeerCategoryBotsInline

**class** hydrogram.raw.types.TopPeerCategoryBotsInline

Telegram API type.

Constructor of [TopPeerCategory](#).

#### Details:

- Layer: 176
- ID: 148677E2

#### Parameters

No parameters required.

### TopPeerCategoryBotsPM

**class** hydrogram.raw.types.TopPeerCategoryBotsPM

Telegram API type.

Constructor of [TopPeerCategory](#).

#### Details:

- Layer: 176
- ID: AB661B5B

#### Parameters

No parameters required.

### TopPeerCategoryChannels

**class** hydrogram.raw.types.TopPeerCategoryChannels

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: 161D9628

**Parameters**

No parameters required.

### TopPeerCategoryCorrespondents

**class** hydrogram.raw.types.TopPeerCategoryCorrespondents

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: 637B7ED

**Parameters**

No parameters required.

### TopPeerCategoryForwardChats

**class** hydrogram.raw.types.TopPeerCategoryForwardChats

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: FBEEC0F0

**Parameters**

No parameters required.

### TopPeerCategoryForwardUsers

**class** hydrogram.raw.types.TopPeerCategoryForwardUsers

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: A8406CA9

**Parameters**

No parameters required.

### TopPeerCategoryGroups

**class** hydrogram.raw.types.TopPeerCategoryGroups

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: BD17A14A

**Parameters**

No parameters required.

### TopPeerCategoryPeers

**class** hydrogram.raw.types.TopPeerCategoryPeers

Telegram API type.

Constructor of *TopPeerCategoryPeers*.

**Details:**

- Layer: 176
- ID: FB834291

**Parameters**

- **category** (*TopPeerCategory*) – N/A
- **count** (int 32-bit) – N/A
- **peers** (List of *TopPeer*) – N/A



### TopPeerCategoryPhoneCalls

**class** hydrogram.raw.types.TopPeerCategoryPhoneCalls

Telegram API type.

Constructor of *TopPeerCategory*.

**Details:**

- Layer: 176
- ID: 1E76A78C

**Parameters**

No parameters required.

### UpdateAttachMenuBots

**class** hydrogram.raw.types.UpdateAttachMenuBots

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 17B7A20B

**Parameters**

No parameters required.

### UpdateAutoSaveSettings

**class** hydrogram.raw.types.UpdateAutoSaveSettings

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: EC05B097

**Parameters**

No parameters required.

### UpdateBotCallbackQuery

**class** hydrogram.raw.types.UpdateBotCallbackQuery

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: B9CFC48D

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **peer** ([Peer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **chat\_instance** (int 64-bit) – N/A
- **data** (bytes, *optional*) – N/A
- **game\_short\_name** (str, *optional*) – N/A

### UpdateBotChatBoost

**class** hydrogram.raw.types.UpdateBotChatBoost

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 904DD49C

**Parameters**

- **peer** ([Peer](#)) – N/A
- **boost** ([Boost](#)) – N/A
- **qts** (int 32-bit) – N/A

### UpdateBotChatInviteRequester

**class** hydrogram.raw.types.UpdateBotChatInviteRequester

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 11DFA986

**Parameters**

- **peer** (*Peer*) – N/A
- **date** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **about** (str) – N/A
- **invite** (*ExportedChatInvite*) – N/A
- **qts** (int 32-bit) – N/A

**UpdateBotCommands**

**class** hydrogram.raw.types.UpdateBotCommands

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 4D712F2E

**Parameters**

- **peer** (*Peer*) – N/A
- **bot\_id** (int 64-bit) – N/A
- **commands** (List of *BotCommand*) – N/A

**UpdateBotInlineQuery**

**class** hydrogram.raw.types.UpdateBotInlineQuery

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 496F379C

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **query** (str) – N/A
- **offset** (str) – N/A
- **geo** (*GeoPoint*, *optional*) – N/A
- **peer\_type** (*InlineQueryPeerType*, *optional*) – N/A

### UpdateBotInlineSend

**class** hydrogram.raw.types.UpdateBotInlineSend

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 12F12A07

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **query** (str) – N/A
- **id** (str) – N/A
- **geo** ([GeoPoint](#), optional) – N/A
- **msg\_id** ([InputBotInlineMessageID](#), optional) – N/A

### UpdateBotMenuButton

**class** hydrogram.raw.types.UpdateBotMenuButton

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 14B85813

**Parameters**

- **bot\_id** (int 64-bit) – N/A
- **button** ([BotMenuButton](#)) – N/A

### UpdateBotMessageReaction

**class** hydrogram.raw.types.UpdateBotMessageReaction

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: AC21D3CE

**Parameters**

- **peer** ([Peer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A

- **date** (int 32-bit) – N/A
- **actor** (*Peer*) – N/A
- **old\_reactions** (List of *Reaction*) – N/A
- **new\_reactions** (List of *Reaction*) – N/A
- **qts** (int 32-bit) – N/A

### UpdateBotMessageReactions

**class** hydrogram.raw.types.UpdateBotMessageReactions

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 9CB7759

#### Parameters

- **peer** (*Peer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **reactions** (List of *ReactionCount*) – N/A
- **qts** (int 32-bit) – N/A

### UpdateBotPrecheckoutQuery

**class** hydrogram.raw.types.UpdateBotPrecheckoutQuery

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 8CAA9A96

#### Parameters

- **query\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **payload** (bytes) – N/A
- **currency** (str) – N/A
- **total\_amount** (int 64-bit) – N/A
- **info** (*PaymentRequestedInfo*, optional) – N/A
- **shipping\_option\_id** (str, optional) – N/A

### UpdateBotShippingQuery

**class** hydrogram.raw.types.UpdateBotShippingQuery

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: B5AEFD7D

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **payload** (bytes) – N/A
- **shipping\_address** ([PostAddress](#)) – N/A

### UpdateBotStopped

**class** hydrogram.raw.types.UpdateBotStopped

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: C4870A49

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **stopped** (bool) – N/A
- **qts** (int 32-bit) – N/A

### UpdateBotWebhookJSON

**class** hydrogram.raw.types.UpdateBotWebhookJSON

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 8317C0C3

**Parameters**

- **data** ([DataJSON](#)) – N/A

### UpdateBotWebhookJSONQuery

**class** hydrogram.raw.types.UpdateBotWebhookJSONQuery

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 9B9240A6

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **data** ([DataJSON](#)) – N/A
- **timeout** (int 32-bit) – N/A

### UpdateChannel

**class** hydrogram.raw.types.UpdateChannel

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 635B4C09

**Parameters**

**channel\_id** (int 64-bit) – N/A

### UpdateChannelAvailableMessages

**class** hydrogram.raw.types.UpdateChannelAvailableMessages

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: B23FC698

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **available\_min\_id** (int 32-bit) – N/A

### UpdateChannelMessageForwards

**class** hydrogram.raw.types.UpdateChannelMessageForwards

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: D29A27F4

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **id** (int 32-bit) – N/A
- **forwards** (int 32-bit) – N/A

### UpdateChannelMessageViews

**class** hydrogram.raw.types.UpdateChannelMessageViews

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: F226AC08

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **id** (int 32-bit) – N/A
- **views** (int 32-bit) – N/A

### UpdateChannelParticipant

**class** hydrogram.raw.types.UpdateChannelParticipant

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 985D3ABB

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **actor\_id** (int 64-bit) – N/A



- **user\_id** (int 64-bit) – N/A
- **qts** (int 32-bit) – N/A
- **via\_chatlist** (bool, *optional*) – N/A
- **prev\_participant** (*ChannelParticipant*, *optional*) – N/A
- **new\_participant** (*ChannelParticipant*, *optional*) – N/A
- **invite** (*ExportedChatInvite*, *optional*) – N/A

### UpdateChannelPinnedTopic

**class** hydrogram.raw.types.UpdateChannelPinnedTopic

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 192EFBE3

#### Parameters

- **channel\_id** (int 64-bit) – N/A
- **topic\_id** (int 32-bit) – N/A
- **pinned** (bool, *optional*) – N/A

### UpdateChannelPinnedTopics

**class** hydrogram.raw.types.UpdateChannelPinnedTopics

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: FE198602

#### Parameters

- **channel\_id** (int 64-bit) – N/A
- **order** (List of int 32-bit, *optional*) – N/A

### UpdateChannelReadMessagesContents

**class** hydrogram.raw.types.UpdateChannelReadMessagesContents

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: EA29055D

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **messages** (List of int 32-bit) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

### UpdateChannelTooLong

**class** hydrogram.raw.types.UpdateChannelTooLong

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 108D941F

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **pts** (int 32-bit, *optional*) – N/A

### UpdateChannelUserTyping

**class** hydrogram.raw.types.UpdateChannelUserTyping

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 8C88C923

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **from\_id** ([Peer](#)) – N/A
- **action** ([SendMessageAction](#)) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

### UpdateChannelViewForumAsMessages

**class** hydrogram.raw.types.UpdateChannelViewForumAsMessages

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 7B68920

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **enabled** (bool) – N/A

### UpdateChannelWebPage

**class** hydrogram.raw.types.UpdateChannelWebPage

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 2F2BA99F

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **webpage** ([WebPage](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateChat

**class** hydrogram.raw.types.UpdateChat

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: F89A6A4E

**Parameters**

- **chat\_id** (int 64-bit) – N/A

## UpdateChatDefaultBannedRights

**class** hydrogram.raw.types.UpdateChatDefaultBannedRights

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 54C01850

### Parameters

- **peer** ([Peer](#)) – N/A
- **default\_banned\_rights** ([ChatBannedRights](#)) – N/A
- **version** (int 32-bit) – N/A

## UpdateChatParticipant

**class** hydrogram.raw.types.UpdateChatParticipant

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: D087663A

### Parameters

- **chat\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **actor\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **qts** (int 32-bit) – N/A
- **prev\_participant** ([ChatParticipant](#), *optional*) – N/A
- **new\_participant** ([ChatParticipant](#), *optional*) – N/A
- **invite** ([ExportedChatInvite](#), *optional*) – N/A

### UpdateChatParticipantAdd

**class** hydrogram.raw.types.UpdateChatParticipantAdd

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 3DDA5451

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **inviter\_id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **version** (int 32-bit) – N/A

### UpdateChatParticipantAdmin

**class** hydrogram.raw.types.UpdateChatParticipantAdmin

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: D7CA61A2

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **is\_admin** (bool) – N/A
- **version** (int 32-bit) – N/A

### UpdateChatParticipantDelete

**class** hydrogram.raw.types.UpdateChatParticipantDelete

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: E32F3D77

**Parameters**

- **chat\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **version** (int 32-bit) – N/A

### UpdateChatParticipants

**class** hydrogram.raw.types.UpdateChatParticipants

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 7761198

#### Parameters

**participants** (*ChatParticipants*) – N/A

### UpdateChatUserTyping

**class** hydrogram.raw.types.UpdateChatUserTyping

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 83487AF0

#### Parameters

- **chat\_id** (int 64-bit) – N/A
- **from\_id** (*Peer*) – N/A
- **action** (*SendMessageAction*) – N/A

### UpdateConfig

**class** hydrogram.raw.types.UpdateConfig

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: A229DD06

#### Parameters

No parameters required.

### UpdateContactsReset

**class** hydrogram.raw.types.UpdateContactsReset

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 7084A7BE

**Parameters**

No parameters required.

### UpdateDcOptions

**class** hydrogram.raw.types.UpdateDcOptions

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 8E5E9873

**Parameters**

**dc\_options** (List of [DcOption](#)) – N/A

### UpdateDeleteChannelMessages

**class** hydrogram.raw.types.UpdateDeleteChannelMessages

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: C32D5B12

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **messages** (List of int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateDeleteMessages

**class** hydrogram.raw.types.UpdateDeleteMessages

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: A20DB0E5

#### Parameters

- **messages** (List of int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateDeleteQuickReply

**class** hydrogram.raw.types.UpdateDeleteQuickReply

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 53E6F1EC

#### Parameters

- **shortcut\_id** (int 32-bit) – N/A

### UpdateDeleteQuickReplyMessages

**class** hydrogram.raw.types.UpdateDeleteQuickReplyMessages

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 566FE7CD

#### Parameters

- **shortcut\_id** (int 32-bit) – N/A
- **messages** (List of int 32-bit) – N/A



### UpdateDeleteScheduledMessages

**class** hydrogram.raw.types.UpdateDeleteScheduledMessages

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 90866CEE

**Parameters**

- **peer** (*Peer*) – N/A
- **messages** (List of int 32-bit) – N/A

### UpdateDialogFilter

**class** hydrogram.raw.types.UpdateDialogFilter

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 26FFDE7D

**Parameters**

- **id** (int 32-bit) – N/A
- **filter** (*DialogFilter*, *optional*) – N/A

### UpdateDialogFilterOrder

**class** hydrogram.raw.types.UpdateDialogFilterOrder

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: A5D72105

**Parameters**

**order** (List of int 32-bit) – N/A

## UpdateDialogFilters

**class** hydrogram.raw.types.UpdateDialogFilters

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 3504914F

### Parameters

No parameters required.

## UpdateDialogPinned

**class** hydrogram.raw.types.UpdateDialogPinned

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 6E6FE51C

### Parameters

- **peer** ([DialogPeer](#)) – N/A
- **pinned** (bool, *optional*) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

## UpdateDialogUnreadMark

**class** hydrogram.raw.types.UpdateDialogUnreadMark

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: E16459C3

### Parameters

- **peer** ([DialogPeer](#)) – N/A
- **unread** (bool, *optional*) – N/A

## UpdateDraftMessage

**class** hydrogram.raw.types.UpdateDraftMessage

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 1B49EC6D

### Parameters

- **peer** ([Peer](#)) – N/A
- **draft** ([DraftMessage](#)) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

## UpdateEditChannelMessage

**class** hydrogram.raw.types.UpdateEditChannelMessage

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 1B3F4DF7

### Parameters

- **message** ([Message](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

## UpdateEditMessage

**class** hydrogram.raw.types.UpdateEditMessage

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: E40370A3

### Parameters

- **message** ([Message](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateEncryptedChatTyping

**class** hydrogram.raw.types.UpdateEncryptedChatTyping

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 1710F156

**Parameters**

**chat\_id** (int 32-bit) – N/A

### UpdateEncryptedMessagesRead

**class** hydrogram.raw.types.UpdateEncryptedMessagesRead

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 38FE25B7

**Parameters**

- **chat\_id** (int 32-bit) – N/A
- **max\_date** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A

### UpdateEncryption

**class** hydrogram.raw.types.UpdateEncryption

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: B4A2E88D

**Parameters**

- **chat** ([EncryptedChat](#)) – N/A
- **date** (int 32-bit) – N/A

### UpdateFavedStickers

**class** hydrogram.raw.types.UpdateFavedStickers

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: E511996D

**Parameters**

No parameters required.

### UpdateFolderPeers

**class** hydrogram.raw.types.UpdateFolderPeers

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 19360DC0

**Parameters**

- **folder\_peers** (List of [FolderPeer](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateGeoLiveViewed

**class** hydrogram.raw.types.UpdateGeoLiveViewed

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 871FB939

**Parameters**

- **peer** ([Peer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A

## UpdateGroupCall

**class** hydrogram.raw.types.UpdateGroupCall

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 14B24500

### Parameters

- **chat\_id** (int 64-bit) – N/A
- **call** ([GroupCall](#)) – N/A

## UpdateGroupCallConnection

**class** hydrogram.raw.types.UpdateGroupCallConnection

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: B783982

### Parameters

- **params** ([DataJSON](#)) – N/A
- **presentation** (bool, *optional*) – N/A

## UpdateGroupCallParticipants

**class** hydrogram.raw.types.UpdateGroupCallParticipants

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: F2EBDB4E

### Parameters

- **call** ([InputGroupCall](#)) – N/A
- **participants** (List of [GroupCallParticipant](#)) – N/A
- **version** (int 32-bit) – N/A

### UpdateGroupInvitePrivacyForbidden

**class** hydrogram.raw.types.UpdateGroupInvitePrivacyForbidden

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: CCF08AD6

**Parameters**

**user\_id** (int 64-bit) – N/A

### UpdateInlineBotCallbackQuery

**class** hydrogram.raw.types.UpdateInlineBotCallbackQuery

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 691E9052

**Parameters**

- **query\_id** (int 64-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **msg\_id** ([InputBotInlineMessageID](#)) – N/A
- **chat\_instance** (int 64-bit) – N/A
- **data** (bytes, *optional*) – N/A
- **game\_short\_name** (str, *optional*) – N/A

### UpdateLangPack

**class** hydrogram.raw.types.UpdateLangPack

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 56022F4D

**Parameters**

**difference** ([LangPackDifference](#)) – N/A

### UpdateLangPackTooLong

**class** hydrogram.raw.types.UpdateLangPackTooLong

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 46560264

**Parameters**

**lang\_code** (str) – N/A

### UpdateLoginToken

**class** hydrogram.raw.types.UpdateLoginToken

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 564FE691

**Parameters**

No parameters required.

### UpdateMessageExtendedMedia

**class** hydrogram.raw.types.UpdateMessageExtendedMedia

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 5A73A98C

**Parameters**

- **peer** (*Peer*) – N/A
- **msg\_id** (int 32-bit) – N/A
- **extended\_media** (*MessageExtendedMedia*) – N/A



### UpdateMessageID

**class** hydrogram.raw.types.UpdateMessageID

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 4E90BFD6

**Parameters**

- **id** (int 32-bit) – N/A
- **random\_id** (int 64-bit) – N/A

### UpdateMessagePoll

**class** hydrogram.raw.types.UpdateMessagePoll

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: ACA1657B

**Parameters**

- **poll\_id** (int 64-bit) – N/A
- **results** (*PollResults*) – N/A
- **poll** (*Poll*, *optional*) – N/A

### UpdateMessagePollVote

**class** hydrogram.raw.types.UpdateMessagePollVote

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 24F40E77

**Parameters**

- **poll\_id** (int 64-bit) – N/A
- **peer** (*Peer*) – N/A
- **options** (List of bytes) – N/A
- **qts** (int 32-bit) – N/A

## UpdateMessageReactions

**class** hydrogram.raw.types.UpdateMessageReactions

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 5E1B3CB8

### Parameters

- **peer** ([Peer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **reactions** ([MessageReactions](#)) – N/A
- **top\_msg\_id** (int 32-bit, *optional*) – N/A

## UpdateMoveStickerSetToTop

**class** hydrogram.raw.types.UpdateMoveStickerSetToTop

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 86FCCF85

### Parameters

- **stickerset** (int 64-bit) – N/A
- **masks** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A

## UpdateNewAuthorization

**class** hydrogram.raw.types.UpdateNewAuthorization

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 8951ABEF

### Parameters

- **hash** (int 64-bit) – N/A
- **unconfirmed** (bool, *optional*) – N/A

- **date** (int 32-bit, *optional*) – N/A
- **device** (str, *optional*) – N/A
- **location** (str, *optional*) – N/A

### UpdateNewChannelMessage

**class** hydrogram.raw.types.UpdateNewChannelMessage

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 62BA04D9

#### Parameters

- **message** ([Message](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateNewEncryptedMessage

**class** hydrogram.raw.types.UpdateNewEncryptedMessage

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 12BCBD9A

#### Parameters

- **message** ([EncryptedMessage](#)) – N/A
- **qts** (int 32-bit) – N/A

### UpdateNewMessage

**class** hydrogram.raw.types.UpdateNewMessage

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 1F2B0AFD

#### Parameters

- **message** (*Message*) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateNewQuickReply

**class** hydrogram.raw.types.UpdateNewQuickReply

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: F53DA717

#### Parameters

**quick\_reply** (*QuickReply*) – N/A

### UpdateNewScheduledMessage

**class** hydrogram.raw.types.UpdateNewScheduledMessage

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 39A51DFB

#### Parameters

**message** (*Message*) – N/A

### UpdateNewStickerSet

**class** hydrogram.raw.types.UpdateNewStickerSet

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 688A30AA

#### Parameters

**stickerset** (*messages.StickerSet*) – N/A

## UpdateNotifySettings

**class** hydrogram.raw.types.UpdateNotifySettings

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: BEC268EF

### Parameters

- **peer** ([NotifyPeer](#)) – N/A
- **notify\_settings** ([PeerNotifySettings](#)) – N/A

## UpdatePeerBlocked

**class** hydrogram.raw.types.UpdatePeerBlocked

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: EBE07752

### Parameters

- **peer\_id** ([Peer](#)) – N/A
- **blocked** (bool, *optional*) – N/A
- **blocked\_my\_stories\_from** (bool, *optional*) – N/A

## UpdatePeerHistoryTTL

**class** hydrogram.raw.types.UpdatePeerHistoryTTL

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: BB9BB9A5

### Parameters

- **peer** ([Peer](#)) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

### UpdatePeerLocated

**class** hydrogram.raw.types.UpdatePeerLocated

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: B4AFCFB0

#### Parameters

**peers** (List of *PeerLocated*) – N/A

### UpdatePeerSettings

**class** hydrogram.raw.types.UpdatePeerSettings

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 6A7E7366

#### Parameters

- **peer** (*Peer*) – N/A
- **settings** (*PeerSettings*) – N/A

### UpdatePeerWallpaper

**class** hydrogram.raw.types.UpdatePeerWallpaper

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: AE3F101D

#### Parameters

- **peer** (*Peer*) – N/A
- **wallpaper\_overridden** (bool, *optional*) – N/A
- **wallpaper** (*WallPaper*, *optional*) – N/A

### UpdatePendingJoinRequests

**class** hydrogram.raw.types.UpdatePendingJoinRequests

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 7063C3DB

**Parameters**

- **peer** (*Peer*) – N/A
- **requests\_pending** (int 32-bit) – N/A
- **recent\_requesters** (List of int 64-bit) – N/A

### UpdatePhoneCall

**class** hydrogram.raw.types.UpdatePhoneCall

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: AB0F6B1E

**Parameters**

- **phone\_call** (*PhoneCall*) – N/A

### UpdatePhoneCallSignalingData

**class** hydrogram.raw.types.UpdatePhoneCallSignalingData

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 2661BF09

**Parameters**

- **phone\_call\_id** (int 64-bit) – N/A
- **data** (bytes) – N/A

### UpdatePinnedChannelMessages

**class** hydrogram.raw.types.UpdatePinnedChannelMessages

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 5BB98608

#### Parameters

- **channel\_id** (int 64-bit) – N/A
- **messages** (List of int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **pinned** (bool, *optional*) – N/A

### UpdatePinnedDialogs

**class** hydrogram.raw.types.UpdatePinnedDialogs

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: FA0F3CA2

#### Parameters

- **folder\_id** (int 32-bit, *optional*) – N/A
- **order** (List of [DialogPeer](#), *optional*) – N/A

### UpdatePinnedMessages

**class** hydrogram.raw.types.UpdatePinnedMessages

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: ED85EAB5

#### Parameters

- **peer** ([Peer](#)) – N/A
- **messages** (List of int 32-bit) – N/A



- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **pinned** (bool, *optional*) – N/A

### UpdatePinnedSavedDialogs

**class** hydrogram.raw.types.UpdatePinnedSavedDialogs

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 686C85A6

#### Parameters

**order** (List of *DialogPeer*, *optional*) – N/A

### UpdatePrivacy

**class** hydrogram.raw.types.UpdatePrivacy

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: EE3B272A

#### Parameters

- **key** (*PrivacyKey*) – N/A
- **rules** (List of *PrivacyRule*) – N/A

### UpdatePtsChanged

**class** hydrogram.raw.types.UpdatePtsChanged

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 3354678F

#### Parameters

No parameters required.

## UpdateQuickReplies

**class** hydrogram.raw.types.UpdateQuickReplies

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: F9470AB2

### Parameters

**quick\_replies** (List of *QuickReply*) – N/A

## UpdateQuickReplyMessage

**class** hydrogram.raw.types.UpdateQuickReplyMessage

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: 3E050D0F

### Parameters

**message** (*Message*) – N/A

## UpdateReadChannelDiscussionInbox

**class** hydrogram.raw.types.UpdateReadChannelDiscussionInbox

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: D6B19546

### Parameters

- **channel\_id** (int 64-bit) – N/A
- **top\_msg\_id** (int 32-bit) – N/A
- **read\_max\_id** (int 32-bit) – N/A
- **broadcast\_id** (int 64-bit, *optional*) – N/A
- **broadcast\_post** (int 32-bit, *optional*) – N/A

### UpdateReadChannelDiscussionOutbox

**class** hydrogram.raw.types.UpdateReadChannelDiscussionOutbox

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 695C9E7C

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **top\_msg\_id** (int 32-bit) – N/A
- **read\_max\_id** (int 32-bit) – N/A

### UpdateReadChannelInbox

**class** hydrogram.raw.types.UpdateReadChannelInbox

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 922E6E10

**Parameters**

- **channel\_id** (int 64-bit) – N/A
- **max\_id** (int 32-bit) – N/A
- **still\_unread\_count** (int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

### UpdateReadChannelOutbox

**class** hydrogram.raw.types.UpdateReadChannelOutbox

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: B75F99A9

**Parameters**

- **channel\_id** (int 64-bit) – N/A

- **max\_id** (int 32-bit) – N/A

### UpdateReadFeaturedEmojiStickers

**class** hydrogram.raw.types.UpdateReadFeaturedEmojiStickers

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: FB4C496C

#### Parameters

No parameters required.

### UpdateReadFeaturedStickers

**class** hydrogram.raw.types.UpdateReadFeaturedStickers

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 571D2742

#### Parameters

No parameters required.

### UpdateReadHistoryInbox

**class** hydrogram.raw.types.UpdateReadHistoryInbox

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 9C974FDF

#### Parameters

- **peer** (*Peer*) – N/A
- **max\_id** (int 32-bit) – N/A
- **still\_unread\_count** (int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **folder\_id** (int 32-bit, *optional*) – N/A

### UpdateReadHistoryOutbox

**class** hydrogram.raw.types.UpdateReadHistoryOutbox

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 2F2F21BF

**Parameters**

- **peer** (*Peer*) – N/A
- **max\_id** (int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

### UpdateReadMessagesContents

**class** hydrogram.raw.types.UpdateReadMessagesContents

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: F8227181

**Parameters**

- **messages** (List of int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **date** (int 32-bit, *optional*) – N/A

### UpdateReadStories

**class** hydrogram.raw.types.UpdateReadStories

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: F74E932B

**Parameters**

- **peer** (*Peer*) – N/A

- `max_id` (int 32-bit) – N/A

### UpdateRecentEmojiStatuses

**class** `hydrogram.raw.types.UpdateRecentEmojiStatuses`

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 30F443DB

#### Parameters

No parameters required.

### UpdateRecentReactions

**class** `hydrogram.raw.types.UpdateRecentReactions`

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 6F7863F4

#### Parameters

No parameters required.

### UpdateRecentStickers

**class** `hydrogram.raw.types.UpdateRecentStickers`

Telegram API type.

Constructor of *Update*.

#### Details:

- Layer: 176
- ID: 9A422C20

#### Parameters

No parameters required.

### UpdateSavedDialogPinned

**class** hydrogram.raw.types.UpdateSavedDialogPinned

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: AEA9E74

**Parameters**

- **peer** ([DialogPeer](#)) – N/A
- **pinned** (bool, *optional*) – N/A

### UpdateSavedGifs

**class** hydrogram.raw.types.UpdateSavedGifs

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 9375341E

**Parameters**

No parameters required.

### UpdateSavedReactionTags

**class** hydrogram.raw.types.UpdateSavedReactionTags

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 39C67432

**Parameters**

No parameters required.

### UpdateSavedRingtones

**class** hydrogram.raw.types.UpdateSavedRingtones

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 74D8BE99

**Parameters**

No parameters required.

### UpdateSentStoryReaction

**class** hydrogram.raw.types.UpdateSentStoryReaction

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 7D627683

**Parameters**

- **peer** (*Peer*) – N/A
- **story\_id** (int 32-bit) – N/A
- **reaction** (*Reaction*) – N/A

### UpdateServiceNotification

**class** hydrogram.raw.types.UpdateServiceNotification

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: EBE46819

**Parameters**

- **type** (str) – N/A
- **message** (str) – N/A
- **media** (*MessageMedia*) – N/A
- **entities** (List of *MessageEntity*) – N/A
- **popup** (bool, *optional*) – N/A



- **invert\_media** (bool, *optional*) – N/A
- **inbox\_date** (int 32-bit, *optional*) – N/A

## UpdateShort

**class** hydrogram.raw.types.UpdateShort

Telegram API type.

Constructor of *Updates*.

### Details:

- Layer: 176
- ID: 78D4DEC1

### Parameters

- **update** (*Update*) – N/A
- **date** (int 32-bit) – N/A

### Functions:

This object can be returned by 101 functions.

|   |                        |
|---|------------------------|
| <i>account.GetNotifyExceptions</i>          | Telegram API function. |
| <i>account.UpdateConnectedBot</i>           | Telegram API function. |
| <i>contacts.DeleteContacts</i>              | Telegram API function. |
| <i>contacts.AddContact</i>                  | Telegram API function. |
| <i>contacts.AcceptContact</i>               | Telegram API function. |
| <i>contacts.GetLocated</i>                  | Telegram API function. |
| <i>contacts.BlockFromReplies</i>            | Telegram API function. |
| <i>messages.SendMessage</i>                 | Telegram API function. |
| <i>messages.SendMedia</i>                   | Telegram API function. |
| <i>messages.ForwardMessages</i>             | Telegram API function. |
| <i>messages.EditChatTitle</i>               | Telegram API function. |
| <i>messages.EditChatPhoto</i>               | Telegram API function. |
| <i>messages.AddChatUser</i>                 | Telegram API function. |
| <i>messages.DeleteChatUser</i>              | Telegram API function. |
| <i>messages.CreateChat</i>                  | Telegram API function. |
| <i>messages.ImportChatInvite</i>            | Telegram API function. |
| <i>messages.StartBot</i>                    | Telegram API function. |
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |

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|  |                        |
|--|------------------------|
| <i>messages.DeleteScheduledMessages</i>        | Telegram API function. |
| <i>messages.SetHistoryTTL</i>                  | Telegram API function. |
| <i>messages.SetChatTheme</i>                   | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>            | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>        | Telegram API function. |
| <i>messages.ToggleNoForwards</i>               | Telegram API function. |
| <i>messages.SendReaction</i>                   | Telegram API function. |
| <i>messages.GetMessagesReactions</i>           | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>      | Telegram API function. |
| <i>messages.SendWebViewData</i>                | Telegram API function. |
| <i>messages.GetExtendedMedia</i>               | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>           | Telegram API function. |
| <i>messages.SetChatWallPaper</i>               | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>         | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>       | Telegram API function. |
| <i>channels.CreateChannel</i>                  | Telegram API function. |
| <i>channels.EditAdmin</i>                      | Telegram API function. |
| <i>channels.EditTitle</i>                      | Telegram API function. |
| <i>channels.EditPhoto</i>                      | Telegram API function. |
| <i>channels.JoinChannel</i>                    | Telegram API function. |
| <i>channels.LeaveChannel</i>                   | Telegram API function. |
| <i>channels.InviteToChannel</i>                | Telegram API function. |
| <i>channels.DeleteChannel</i>                  | Telegram API function. |
| <i>channels.ToggleSignatures</i>               | Telegram API function. |
| <i>channels.EditBanned</i>                     | Telegram API function. |
| <i>channels.DeleteHistory</i>                  | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>         | Telegram API function. |
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |

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|   |                        |
|---|------------------------|
| <a href="#"><i>phone.LeaveGroupCall</i></a>                   | Telegram API function. |
| <a href="#"><i>phone.InviteToGroupCall</i></a>                | Telegram API function. |
| <a href="#"><i>phone.DiscardGroupCall</i></a>                 | Telegram API function. |
| <a href="#"><i>phone.ToggleGroupCallSettings</i></a>          | Telegram API function. |
| <a href="#"><i>phone.ToggleGroupCallRecord</i></a>            | Telegram API function. |
| <a href="#"><i>phone.EditGroupCallParticipant</i></a>         | Telegram API function. |
| <a href="#"><i>phone.EditGroupCallTitle</i></a>               | Telegram API function. |
| <a href="#"><i>phone.ToggleGroupCallStartSubscription</i></a> | Telegram API function. |
| <a href="#"><i>phone.StartScheduledGroupCall</i></a>          | Telegram API function. |
| <a href="#"><i>phone.JoinGroupCallPresentation</i></a>        | Telegram API function. |
| <a href="#"><i>phone.LeaveGroupCallPresentation</i></a>       | Telegram API function. |
| <a href="#"><i>folders.EditPeerFolders</i></a>                | Telegram API function. |
| <a href="#"><i>chatlists.JoinChatlistInvite</i></a>           | Telegram API function. |
| <a href="#"><i>chatlists.JoinChatlistUpdates</i></a>          | Telegram API function. |
| <a href="#"><i>chatlists.LeaveChatlist</i></a>                | Telegram API function. |
| <a href="#"><i>stories.SendStory</i></a>                      | Telegram API function. |
| <a href="#"><i>stories.EditStory</i></a>                      | Telegram API function. |
| <a href="#"><i>stories.ActivateStealthMode</i></a>            | Telegram API function. |
| <a href="#"><i>stories.SendReaction</i></a>                   | Telegram API function. |
| <a href="#"><i>stories.GetAllReadPeerStories</i></a>          | Telegram API function. |

## UpdateShortChatMessage

**class** hydrogram.raw.types.UpdateShortChatMessage

Telegram API type.

Constructor of [\*Updates\*](#).

### Details:

- Layer: 176
- ID: 4D6DEEA5

### Parameters

- **id** (int 32-bit) – N/A
- **from\_id** (int 64-bit) – N/A
- **chat\_id** (int 64-bit) – N/A
- **message** (str) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **out** (bool, *optional*) – N/A
- **mentioned** (bool, *optional*) – N/A
- **media\_unread** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **fwd\_from** ([\*MessageFwdHeader\*](#), *optional*) – N/A

- **via\_bot\_id** (int 64-bit, *optional*) – N/A
- **reply\_to** (*MessageReplyHeader*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

**Functions:**

This object can be returned by 101 functions.

|   |                        |
|---|------------------------|
| <i>account.GetNotifyExceptions</i>          | Telegram API function. |
| <i>account.UpdateConnectedBot</i>           | Telegram API function. |
| <i>contacts.DeleteContacts</i>              | Telegram API function. |
| <i>contacts.AddContact</i>                  | Telegram API function. |
| <i>contacts.AcceptContact</i>               | Telegram API function. |
| <i>contacts.GetLocated</i>                  | Telegram API function. |
| <i>contacts.BlockFromReplies</i>            | Telegram API function. |
| <i>messages.SendMessage</i>                 | Telegram API function. |
| <i>messages.SendMedia</i>                   | Telegram API function. |
| <i>messages.ForwardMessages</i>             | Telegram API function. |
| <i>messages.EditChatTitle</i>               | Telegram API function. |
| <i>messages.EditChatPhoto</i>               | Telegram API function. |
| <i>messages.AddChatUser</i>                 | Telegram API function. |
| <i>messages.DeleteChatUser</i>              | Telegram API function. |
| <i>messages.CreateChat</i>                  | Telegram API function. |
| <i>messages.ImportChatInvite</i>            | Telegram API function. |
| <i>messages.StartBot</i>                    | Telegram API function. |
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>     | Telegram API function. |
| <i>messages.SetHistoryTTL</i>               | Telegram API function. |
| <i>messages.SetChatTheme</i>                | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>         | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>     | Telegram API function. |
| <i>messages.ToggleNoForwards</i>            | Telegram API function. |
| <i>messages.SendReaction</i>                | Telegram API function. |
| <i>messages.GetMessagesReactions</i>        | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>   | Telegram API function. |
| <i>messages.SendWebViewData</i>             | Telegram API function. |
| <i>messages.GetExtendedMedia</i>            | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>        | Telegram API function. |
| <i>messages.SetChatWallPaper</i>            | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>      | Telegram API function. |

continues on next page

Table 8 – continued from previous page

|  |                        |
|--|------------------------|
| <i>messages.DeleteQuickReplyMessages</i>       | Telegram API function. |
| <i>channels.CreateChannel</i>                  | Telegram API function. |
| <i>channels.EditAdmin</i>                      | Telegram API function. |
| <i>channels.EditTitle</i>                      | Telegram API function. |
| <i>channels.EditPhoto</i>                      | Telegram API function. |
| <i>channels.JoinChannel</i>                    | Telegram API function. |
| <i>channels.LeaveChannel</i>                   | Telegram API function. |
| <i>channels.InviteToChannel</i>                | Telegram API function. |
| <i>channels.DeleteChannel</i>                  | Telegram API function. |
| <i>channels.ToggleSignatures</i>               | Telegram API function. |
| <i>channels.EditBanned</i>                     | Telegram API function. |
| <i>channels.DeleteHistory</i>                  | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>         | Telegram API function. |
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                    | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                 | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                  | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>           | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>             | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>          | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>                | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i>  | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>           | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>         | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>        | Telegram API function. |
| <i>folders.EditPeerFolders</i>                 | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>            | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>           | Telegram API function. |

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Table 8 – continued from previous page

|                                      |                        |
|--------------------------------------|------------------------|
| <i>chatlists.LeaveChatlist</i>       | Telegram API function. |
| <i>stories.SendStory</i>             | Telegram API function. |
| <i>stories.EditStory</i>             | Telegram API function. |
| <i>stories.ActivateStealthMode</i>   | Telegram API function. |
| <i>stories.SendReaction</i>          | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i> | Telegram API function. |

## UpdateShortMessage

**class** hydrogram.raw.types.UpdateShortMessage

Telegram API type.

Constructor of *Updates*.

### Details:

- Layer: 176
- ID: 313BC7F8

### Parameters

- **id** (int 32-bit) – N/A
- **user\_id** (int 64-bit) – N/A
- **message** (str) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **out** (bool, *optional*) – N/A
- **mentioned** (bool, *optional*) – N/A
- **media\_unread** (bool, *optional*) – N/A
- **silent** (bool, *optional*) – N/A
- **fwd\_from** (*MessageFwdHeader*, *optional*) – N/A
- **via\_bot\_id** (int 64-bit, *optional*) – N/A
- **reply\_to** (*MessageReplyHeader*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

### Functions:

This object can be returned by 101 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.GetNotifyExceptions</i> | Telegram API function. |
| <i>account.UpdateConnectedBot</i>  | Telegram API function. |
| <i>contacts.DeleteContacts</i>     | Telegram API function. |
| <i>contacts.AddContact</i>         | Telegram API function. |

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Table 9 – continued from previous page

|   |                        |
|---|------------------------|
| <i>contacts.AcceptContact</i>               | Telegram API function. |
| <i>contacts.GetLocated</i>                  | Telegram API function. |
| <i>contacts.BlockFromReplies</i>            | Telegram API function. |
| <i>messages.SendMessage</i>                 | Telegram API function. |
| <i>messages.SendMedia</i>                   | Telegram API function. |
| <i>messages.ForwardMessages</i>             | Telegram API function. |
| <i>messages.EditChatTitle</i>               | Telegram API function. |
| <i>messages.EditChatPhoto</i>               | Telegram API function. |
| <i>messages.AddChatUser</i>                 | Telegram API function. |
| <i>messages.DeleteChatUser</i>              | Telegram API function. |
| <i>messages.CreateChat</i>                  | Telegram API function. |
| <i>messages.ImportChatInvite</i>            | Telegram API function. |
| <i>messages.StartBot</i>                    | Telegram API function. |
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>     | Telegram API function. |
| <i>messages.SetHistoryTTL</i>               | Telegram API function. |
| <i>messages.SetChatTheme</i>                | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>         | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>     | Telegram API function. |
| <i>messages.ToggleNoForwards</i>            | Telegram API function. |
| <i>messages.SendReaction</i>                | Telegram API function. |
| <i>messages.GetMessagesReactions</i>        | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>   | Telegram API function. |
| <i>messages.SendWebViewData</i>             | Telegram API function. |
| <i>messages.GetExtendedMedia</i>            | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>        | Telegram API function. |
| <i>messages.SetChatWallPaper</i>            | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>      | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>    | Telegram API function. |
| <i>channels.CreateChannel</i>               | Telegram API function. |
| <i>channels.EditAdmin</i>                   | Telegram API function. |
| <i>channels.EditTitle</i>                   | Telegram API function. |
| <i>channels.EditPhoto</i>                   | Telegram API function. |
| <i>channels.JoinChannel</i>                 | Telegram API function. |
| <i>channels.LeaveChannel</i>                | Telegram API function. |
| <i>channels.InviteToChannel</i>             | Telegram API function. |
| <i>channels.DeleteChannel</i>               | Telegram API function. |
| <i>channels.ToggleSignatures</i>            | Telegram API function. |
| <i>channels.EditBanned</i>                  | Telegram API function. |
| <i>channels.DeleteHistory</i>               | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>      | Telegram API function. |

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Table 9 – continued from previous page

|  |                        |
|--|------------------------|
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                    | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                 | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                  | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>           | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>             | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>          | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>                | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i>  | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>           | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>         | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>        | Telegram API function. |
| <i>folders.EditPeerFolders</i>                 | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>            | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>           | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                 | Telegram API function. |
| <i>stories.SendStory</i>                       | Telegram API function. |
| <i>stories.EditStory</i>                       | Telegram API function. |
| <i>stories.ActivateStealthMode</i>             | Telegram API function. |
| <i>stories.SendReaction</i>                    | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i>           | Telegram API function. |



## UpdateShortSentMessage

**class** hydrogram.raw.types.UpdateShortSentMessage

Telegram API type.

Constructor of *Updates*.

### Details:

- Layer: 176
- ID: 9015E101

### Parameters

- **id** (int 32-bit) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A
- **date** (int 32-bit) – N/A
- **out** (bool, *optional*) – N/A
- **media** (*MessageMedia*, *optional*) – N/A
- **entities** (List of *MessageEntity*, *optional*) – N/A
- **ttl\_period** (int 32-bit, *optional*) – N/A

### Functions:

This object can be returned by 101 functions.

|  |                        |
|--|------------------------|
| <i>account.GetNotifyExceptions</i>         | Telegram API function. |
| <i>account.UpdateConnectedBot</i>          | Telegram API function. |
| <i>contacts.DeleteContacts</i>             | Telegram API function. |
| <i>contacts.AddContact</i>                 | Telegram API function. |
| <i>contacts.AcceptContact</i>              | Telegram API function. |
| <i>contacts.GetLocated</i>                 | Telegram API function. |
| <i>contacts.BlockFromReplies</i>           | Telegram API function. |
| <i>messages.SendMessage</i>                | Telegram API function. |
| <i>messages.SendMedia</i>                  | Telegram API function. |
| <i>messages.ForwardMessages</i>            | Telegram API function. |
| <i>messages.EditChatTitle</i>              | Telegram API function. |
| <i>messages.EditChatPhoto</i>              | Telegram API function. |
| <i>messages.AddChatUser</i>                | Telegram API function. |
| <i>messages.DeleteChatUser</i>             | Telegram API function. |
| <i>messages.CreateChat</i>                 | Telegram API function. |
| <i>messages.ImportChatInvite</i>           | Telegram API function. |
| <i>messages.StartBot</i>                   | Telegram API function. |
| <i>messages.MigrateChat</i>                | Telegram API function. |
| <i>messages.SendInlineBotResult</i>        | Telegram API function. |
| <i>messages.EditMessage</i>                | Telegram API function. |
| <i>messages.GetAllDrafts</i>               | Telegram API function. |
| <i>messages.SetGameScore</i>               | Telegram API function. |
| <i>messages.SendScreenshotNotification</i> | Telegram API function. |
| <i>messages.SendMultiMedia</i>             | Telegram API function. |

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|  |                        |
|--|------------------------|
| <i>messages.UpdatePinnedMessage</i>            | Telegram API function. |
| <i>messages.SendVote</i>                       | Telegram API function. |
| <i>messages.GetPollResults</i>                 | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i>    | Telegram API function. |
| <i>messages.SendScheduledMessages</i>          | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>        | Telegram API function. |
| <i>messages.SetHistoryTTL</i>                  | Telegram API function. |
| <i>messages.SetChatTheme</i>                   | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>            | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>        | Telegram API function. |
| <i>messages.ToggleNoForwards</i>               | Telegram API function. |
| <i>messages.SendReaction</i>                   | Telegram API function. |
| <i>messages.GetMessagesReactions</i>           | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>      | Telegram API function. |
| <i>messages.SendWebViewData</i>                | Telegram API function. |
| <i>messages.GetExtendedMedia</i>               | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>           | Telegram API function. |
| <i>messages.SetChatWallPaper</i>               | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>         | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>       | Telegram API function. |
| <i>channels.CreateChannel</i>                  | Telegram API function. |
| <i>channels.EditAdmin</i>                      | Telegram API function. |
| <i>channels.EditTitle</i>                      | Telegram API function. |
| <i>channels.EditPhoto</i>                      | Telegram API function. |
| <i>channels.JoinChannel</i>                    | Telegram API function. |
| <i>channels.LeaveChannel</i>                   | Telegram API function. |
| <i>channels.InviteToChannel</i>                | Telegram API function. |
| <i>channels.DeleteChannel</i>                  | Telegram API function. |
| <i>channels.ToggleSignatures</i>               | Telegram API function. |
| <i>channels.EditBanned</i>                     | Telegram API function. |
| <i>channels.DeleteHistory</i>                  | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>         | Telegram API function. |
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |

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Table 10 – continued from previous page

|   |                        |
|---|------------------------|
| <i>payments.LaunchPrepaidGiveaway</i>         | Telegram API function. |
| <i>phone.DiscardCall</i>                      | Telegram API function. |
| <i>phone.SetCallRating</i>                    | Telegram API function. |
| <i>phone.CreateGroupCall</i>                  | Telegram API function. |
| <i>phone.JoinGroupCall</i>                    | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                   | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                 | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>          | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>            | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>         | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>               | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i> | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>          | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>        | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>       | Telegram API function. |
| <i>folders.EditPeerFolders</i>                | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>           | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>          | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                | Telegram API function. |
| <i>stories.SendStory</i>                      | Telegram API function. |
| <i>stories.EditStory</i>                      | Telegram API function. |
| <i>stories.ActivateStealthMode</i>            | Telegram API function. |
| <i>stories.SendReaction</i>                   | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i>          | Telegram API function. |

## UpdateSmsJob

**class** hydrogram.raw.types.UpdateSmsJob

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: F16269D4

### Parameters

**job\_id** (str) – N/A

## UpdateStickerSets

**class** hydrogram.raw.types.UpdateStickerSets

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: 31C24808

#### Parameters

- **masks** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A

### UpdateStickerSetsOrder

**class** hydrogram.raw.types.UpdateStickerSetsOrder

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: BB2D201

#### Parameters

- **order** (List of int 64-bit) – N/A
- **masks** (bool, *optional*) – N/A
- **emojis** (bool, *optional*) – N/A

### UpdateStoriesStealthMode

**class** hydrogram.raw.types.UpdateStoriesStealthMode

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 2C084DC1

#### Parameters

**stealth\_mode** ([StoriesStealthMode](#)) – N/A

### UpdateStory

**class** hydrogram.raw.types.UpdateStory

Telegram API type.

Constructor of [Update](#).

#### Details:

- Layer: 176
- ID: 75B3B798

#### Parameters

- **peer** ([Peer](#)) – N/A
- **story** ([StoryItem](#)) – N/A

### UpdateStoryID

**class** hydrogram.raw.types.UpdateStoryID

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 1BF335B9

**Parameters**

- **id** (int 32-bit) – N/A
- **random\_id** (int 64-bit) – N/A

### UpdateTheme

**class** hydrogram.raw.types.UpdateTheme

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 8216FBA3

**Parameters**

**theme** ([Theme](#)) – N/A

### UpdateTranscribedAudio

**class** hydrogram.raw.types.UpdateTranscribedAudio

Telegram API type.

Constructor of [Update](#).

**Details:**

- Layer: 176
- ID: 84CD5A

**Parameters**

- **peer** ([Peer](#)) – N/A
- **msg\_id** (int 32-bit) – N/A
- **transcription\_id** (int 64-bit) – N/A
- **text** (str) – N/A
- **pending** (bool, *optional*) – N/A

## UpdateUser

**class** hydrogram.raw.types.UpdateUser

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: 20529438

### Parameters

**user\_id** (int 64-bit) – N/A

## UpdateUserEmojiStatus

**class** hydrogram.raw.types.UpdateUserEmojiStatus

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: 28373599

### Parameters

- **user\_id** (int 64-bit) – N/A
- **emoji\_status** (*EmojiStatus*) – N/A

## UpdateUserName

**class** hydrogram.raw.types.UpdateUserName

Telegram API type.

Constructor of *Update*.

### Details:

- Layer: 176
- ID: A7848924

### Parameters

- **user\_id** (int 64-bit) – N/A
- **first\_name** (str) – N/A
- **last\_name** (str) – N/A
- **usernames** (List of *Username*) – N/A

### UpdateUserPhone

**class** hydrogram.raw.types.UpdateUserPhone

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: 5492A13

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **phone** (str) – N/A

### UpdateUserStatus

**class** hydrogram.raw.types.UpdateUserStatus

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: E5BDF8DE

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **status** (*UserStatus*) – N/A

### UpdateUserTyping

**class** hydrogram.raw.types.UpdateUserTyping

Telegram API type.

Constructor of *Update*.

**Details:**

- Layer: 176
- ID: C01E857F

**Parameters**

- **user\_id** (int 64-bit) – N/A
- **action** (*SendMessageAction*) – N/A

## UpdateWebPage

**class** hydrogram.raw.types.UpdateWebPage

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 7F891213

### Parameters

- **webpage** ([WebPage](#)) – N/A
- **pts** (int 32-bit) – N/A
- **pts\_count** (int 32-bit) – N/A

## UpdateWebViewResultSent

**class** hydrogram.raw.types.UpdateWebViewResultSent

Telegram API type.

Constructor of [Update](#).

### Details:

- Layer: 176
- ID: 1592B79D

### Parameters

**query\_id** (int 64-bit) – N/A

## Updates

**class** hydrogram.raw.types.Updates

Telegram API type.

Constructor of [Updates](#).

### Details:

- Layer: 176
- ID: 74AE4240

### Parameters

- **updates** (List of [Update](#)) – N/A
- **users** (List of [User](#)) – N/A
- **chats** (List of [Chat](#)) – N/A
- **date** (int 32-bit) – N/A
- **seq** (int 32-bit) – N/A



**Functions:**

This object can be returned by 101 functions.

|   |                        |
|---|------------------------|
| <i>account.GetNotifyExceptions</i>          | Telegram API function. |
| <i>account.UpdateConnectedBot</i>           | Telegram API function. |
| <i>contacts.DeleteContacts</i>              | Telegram API function. |
| <i>contacts.AddContact</i>                  | Telegram API function. |
| <i>contacts.AcceptContact</i>               | Telegram API function. |
| <i>contacts.GetLocated</i>                  | Telegram API function. |
| <i>contacts.BlockFromReplies</i>            | Telegram API function. |
| <i>messages.SendMessage</i>                 | Telegram API function. |
| <i>messages.SendMedia</i>                   | Telegram API function. |
| <i>messages.ForwardMessages</i>             | Telegram API function. |
| <i>messages.EditChatTitle</i>               | Telegram API function. |
| <i>messages.EditChatPhoto</i>               | Telegram API function. |
| <i>messages.AddChatUser</i>                 | Telegram API function. |
| <i>messages.DeleteChatUser</i>              | Telegram API function. |
| <i>messages.CreateChat</i>                  | Telegram API function. |
| <i>messages.ImportChatInvite</i>            | Telegram API function. |
| <i>messages.StartBot</i>                    | Telegram API function. |
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>     | Telegram API function. |
| <i>messages.SetHistoryTTL</i>               | Telegram API function. |
| <i>messages.SetChatTheme</i>                | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>         | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>     | Telegram API function. |
| <i>messages.ToggleNoForwards</i>            | Telegram API function. |
| <i>messages.SendReaction</i>                | Telegram API function. |
| <i>messages.GetMessagesReactions</i>        | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>   | Telegram API function. |
| <i>messages.SendWebViewData</i>             | Telegram API function. |
| <i>messages.GetExtendedMedia</i>            | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>        | Telegram API function. |
| <i>messages.SetChatWallPaper</i>            | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>      | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>    | Telegram API function. |
| <i>channels.CreateChannel</i>               | Telegram API function. |
| <i>channels.EditAdmin</i>                   | Telegram API function. |
| <i>channels.EditTitle</i>                   | Telegram API function. |
| <i>channels.EditPhoto</i>                   | Telegram API function. |
| <i>channels.JoinChannel</i>                 | Telegram API function. |

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|  |                        |
|--|------------------------|
| <i>channels.LeaveChannel</i>                   | Telegram API function. |
| <i>channels.InviteToChannel</i>                | Telegram API function. |
| <i>channels.DeleteChannel</i>                  | Telegram API function. |
| <i>channels.ToggleSignatures</i>               | Telegram API function. |
| <i>channels.EditBanned</i>                     | Telegram API function. |
| <i>channels.DeleteHistory</i>                  | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>         | Telegram API function. |
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                    | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                 | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                  | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>           | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>             | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>          | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>                | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i>  | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>           | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>         | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>        | Telegram API function. |
| <i>folders.EditPeerFolders</i>                 | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>            | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>           | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                 | Telegram API function. |
| <i>stories.SendStory</i>                       | Telegram API function. |
| <i>stories.EditStory</i>                       | Telegram API function. |
| <i>stories.ActivateStealthMode</i>             | Telegram API function. |
| <i>stories.SendReaction</i>                    | Telegram API function. |

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Table 11 – continued from previous page

|                                      |                        |
|--------------------------------------|------------------------|
| <i>stories.GetAllReadPeerStories</i> | Telegram API function. |
|--------------------------------------|------------------------|

## UpdatesCombined

**class** hydrogram.raw.types.**UpdatesCombined**

Telegram API type.

Constructor of *Updates*.

### Details:

- Layer: 176
- ID: 725B04C3

### Parameters

- **updates** (List of *Update*) – N/A
- **users** (List of *User*) – N/A
- **chats** (List of *Chat*) – N/A
- **date** (int 32-bit) – N/A
- **seq\_start** (int 32-bit) – N/A
- **seq** (int 32-bit) – N/A

### Functions:

This object can be returned by 101 functions.

|  |                        |
|--|------------------------|
| <i>account.GetNotifyExceptions</i>         | Telegram API function. |
| <i>account.UpdateConnectedBot</i>          | Telegram API function. |
| <i>contacts.DeleteContacts</i>             | Telegram API function. |
| <i>contacts.AddContact</i>                 | Telegram API function. |
| <i>contacts.AcceptContact</i>              | Telegram API function. |
| <i>contacts.GetLocated</i>                 | Telegram API function. |
| <i>contacts.BlockFromReplies</i>           | Telegram API function. |
| <i>messages.SendMessage</i>                | Telegram API function. |
| <i>messages.SendMedia</i>                  | Telegram API function. |
| <i>messages.ForwardMessages</i>            | Telegram API function. |
| <i>messages.EditChatTitle</i>              | Telegram API function. |
| <i>messages.EditChatPhoto</i>              | Telegram API function. |
| <i>messages.AddChatUser</i>                | Telegram API function. |
| <i>messages.DeleteChatUser</i>             | Telegram API function. |
| <i>messages.CreateChat</i>                 | Telegram API function. |
| <i>messages.ImportChatInvite</i>           | Telegram API function. |
| <i>messages.StartBot</i>                   | Telegram API function. |
| <i>messages.MigrateChat</i>                | Telegram API function. |
| <i>messages.SendInlineBotResult</i>        | Telegram API function. |
| <i>messages.EditMessage</i>                | Telegram API function. |
| <i>messages.GetAllDrafts</i>               | Telegram API function. |
| <i>messages.SetGameScore</i>               | Telegram API function. |
| <i>messages.SendScreenshotNotification</i> | Telegram API function. |

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Table 12 – continued from previous page

|  |                        |
|--|------------------------|
| <i>messages.SendMultiMedia</i>                 | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>            | Telegram API function. |
| <i>messages.SendVote</i>                       | Telegram API function. |
| <i>messages.GetPollResults</i>                 | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i>    | Telegram API function. |
| <i>messages.SendScheduledMessages</i>          | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>        | Telegram API function. |
| <i>messages.SetHistoryTTL</i>                  | Telegram API function. |
| <i>messages.SetChatTheme</i>                   | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>            | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>        | Telegram API function. |
| <i>messages.ToggleNoForwards</i>               | Telegram API function. |
| <i>messages.SendReaction</i>                   | Telegram API function. |
| <i>messages.GetMessagesReactions</i>           | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>      | Telegram API function. |
| <i>messages.SendWebViewData</i>                | Telegram API function. |
| <i>messages.GetExtendedMedia</i>               | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>           | Telegram API function. |
| <i>messages.SetChatWallPaper</i>               | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>         | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>       | Telegram API function. |
| <i>channels.CreateChannel</i>                  | Telegram API function. |
| <i>channels.EditAdmin</i>                      | Telegram API function. |
| <i>channels.EditTitle</i>                      | Telegram API function. |
| <i>channels.EditPhoto</i>                      | Telegram API function. |
| <i>channels.JoinChannel</i>                    | Telegram API function. |
| <i>channels.LeaveChannel</i>                   | Telegram API function. |
| <i>channels.InviteToChannel</i>                | Telegram API function. |
| <i>channels.DeleteChannel</i>                  | Telegram API function. |
| <i>channels.ToggleSignatures</i>               | Telegram API function. |
| <i>channels.EditBanned</i>                     | Telegram API function. |
| <i>channels.DeleteHistory</i>                  | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>         | Telegram API function. |
| <i>channels.EditCreator</i>                    | Telegram API function. |
| <i>channels.ToggleSlowMode</i>                 | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |

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Table 12 – continued from previous page

|   |                        |
|---|------------------------|
| <i>payments.ApplyGiftCode</i>                 | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>         | Telegram API function. |
| <i>phone.DiscardCall</i>                      | Telegram API function. |
| <i>phone.SetCallRating</i>                    | Telegram API function. |
| <i>phone.CreateGroupCall</i>                  | Telegram API function. |
| <i>phone.JoinGroupCall</i>                    | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                   | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                 | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>          | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>            | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>         | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>               | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i> | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>          | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>        | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>       | Telegram API function. |
| <i>folders.EditPeerFolders</i>                | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>           | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>          | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                | Telegram API function. |
| <i>stories.SendStory</i>                      | Telegram API function. |
| <i>stories.EditStory</i>                      | Telegram API function. |
| <i>stories.ActivateStealthMode</i>            | Telegram API function. |
| <i>stories.SendReaction</i>                   | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i>          | Telegram API function. |

## UpdatesTooLong

**class** hydrogram.raw.types.**UpdatesTooLong**

Telegram API type.

Constructor of *Updates*.

### Details:

- Layer: 176
- ID: E317AF7E

### Parameters

**No parameters required.**

### Functions:

This object can be returned by 101 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.GetNotifyExceptions</i> | Telegram API function. |
| <i>account.UpdateConnectedBot</i>  | Telegram API function. |
| <i>contacts.DeleteContacts</i>     | Telegram API function. |
| <i>contacts.AddContact</i>         | Telegram API function. |
| <i>contacts.AcceptContact</i>      | Telegram API function. |
| <i>contacts.GetLocated</i>         | Telegram API function. |

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|   |                        |
|---|------------------------|
| <i>contacts.BlockFromReplies</i>            | Telegram API function. |
| <i>messages.SendMessage</i>                 | Telegram API function. |
| <i>messages.SendMedia</i>                   | Telegram API function. |
| <i>messages.ForwardMessages</i>             | Telegram API function. |
| <i>messages.EditChatTitle</i>               | Telegram API function. |
| <i>messages.EditChatPhoto</i>               | Telegram API function. |
| <i>messages.AddChatUser</i>                 | Telegram API function. |
| <i>messages.DeleteChatUser</i>              | Telegram API function. |
| <i>messages.CreateChat</i>                  | Telegram API function. |
| <i>messages.ImportChatInvite</i>            | Telegram API function. |
| <i>messages.StartBot</i>                    | Telegram API function. |
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>     | Telegram API function. |
| <i>messages.SetHistoryTTL</i>               | Telegram API function. |
| <i>messages.SetChatTheme</i>                | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>         | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>     | Telegram API function. |
| <i>messages.ToggleNoForwards</i>            | Telegram API function. |
| <i>messages.SendReaction</i>                | Telegram API function. |
| <i>messages.GetMessagesReactions</i>        | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>   | Telegram API function. |
| <i>messages.SendWebViewData</i>             | Telegram API function. |
| <i>messages.GetExtendedMedia</i>            | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>        | Telegram API function. |
| <i>messages.SetChatWallPaper</i>            | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>      | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>    | Telegram API function. |
| <i>channels.CreateChannel</i>               | Telegram API function. |
| <i>channels.EditAdmin</i>                   | Telegram API function. |
| <i>channels.EditTitle</i>                   | Telegram API function. |
| <i>channels.EditPhoto</i>                   | Telegram API function. |
| <i>channels.JoinChannel</i>                 | Telegram API function. |
| <i>channels.LeaveChannel</i>                | Telegram API function. |
| <i>channels.InviteToChannel</i>             | Telegram API function. |
| <i>channels.DeleteChannel</i>               | Telegram API function. |
| <i>channels.ToggleSignatures</i>            | Telegram API function. |
| <i>channels.EditBanned</i>                  | Telegram API function. |
| <i>channels.DeleteHistory</i>               | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>      | Telegram API function. |
| <i>channels.EditCreator</i>                 | Telegram API function. |
| <i>channels.ToggleSlowMode</i>              | Telegram API function. |

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Table 13 – continued from previous page

|  |                        |
|--|------------------------|
| <i>channels.ConvertToGigagroup</i>             | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>               | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>              | Telegram API function. |
| <i>channels.ToggleForum</i>                    | Telegram API function. |
| <i>channels.CreateForumTopic</i>               | Telegram API function. |
| <i>channels.EditForumTopic</i>                 | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>         | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>       | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>                 | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>       | Telegram API function. |
| <i>channels.UpdateColor</i>                    | Telegram API function. |
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                    | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                 | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                  | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>           | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>             | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>          | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>                | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i>  | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>           | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>         | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>        | Telegram API function. |
| <i>folders.EditPeerFolders</i>                 | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>            | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>           | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                 | Telegram API function. |
| <i>stories.SendStory</i>                       | Telegram API function. |
| <i>stories.EditStory</i>                       | Telegram API function. |
| <i>stories.ActivateStealthMode</i>             | Telegram API function. |
| <i>stories.SendReaction</i>                    | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i>           | Telegram API function. |

### UrlAuthResultAccepted

**class** hydrogram.raw.types.UrlAuthResultAccepted

Telegram API type.

Constructor of *UrlAuthResult*.

**Details:**

- Layer: 176
- ID: 8F8C0E4E

**Parameters**

**url** (str) – N/A

**Functions:**

This object can be returned by 2 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.RequestUrlAuth</i> | Telegram API function. |
| <i>messages.AcceptUrlAuth</i>  | Telegram API function. |

### UrlAuthResultDefault

**class** hydrogram.raw.types.UrlAuthResultDefault

Telegram API type.

Constructor of *UrlAuthResult*.

**Details:**

- Layer: 176
- ID: A9D6DB1F

**Parameters**

**No parameters required.**

**Functions:**

This object can be returned by 2 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.RequestUrlAuth</i> | Telegram API function. |
| <i>messages.AcceptUrlAuth</i>  | Telegram API function. |

### UrlAuthResultRequest

**class** hydrogram.raw.types.UrlAuthResultRequest

Telegram API type.

Constructor of *UrlAuthResult*.

**Details:**

- Layer: 176
- ID: 92D33A0E



**Parameters**

- **bot** (*User*) – N/A
- **domain** (str) – N/A
- **request\_write\_access** (bool, *optional*) – N/A

**Functions:**

This object can be returned by 2 functions.

|                                      |                        |
|--------------------------------------|------------------------|
| <code>messages.RequestUrlAuth</code> | Telegram API function. |
| <code>messages.AcceptUrlAuth</code>  | Telegram API function. |

**User**

**class** hydrogram.raw.types.**User**

Telegram API type.

Constructor of *User*.

**Details:**

- Layer: 176
- ID: 215C4438

**Parameters**

- **id** (int 64-bit) – N/A
- **is\_self** (bool, *optional*) – N/A
- **contact** (bool, *optional*) – N/A
- **mutual\_contact** (bool, *optional*) – N/A
- **deleted** (bool, *optional*) – N/A
- **bot** (bool, *optional*) – N/A
- **bot\_chat\_history** (bool, *optional*) – N/A
- **bot\_nochats** (bool, *optional*) – N/A
- **verified** (bool, *optional*) – N/A
- **restricted** (bool, *optional*) – N/A
- **min** (bool, *optional*) – N/A
- **bot\_inline\_geo** (bool, *optional*) – N/A
- **support** (bool, *optional*) – N/A
- **scam** (bool, *optional*) – N/A
- **apply\_min\_photo** (bool, *optional*) – N/A
- **fake** (bool, *optional*) – N/A
- **bot\_attach\_menu** (bool, *optional*) – N/A
- **premium** (bool, *optional*) – N/A

- **attach\_menu\_enabled** (bool, *optional*) – N/A
- **bot\_can\_edit** (bool, *optional*) – N/A
- **close\_friend** (bool, *optional*) – N/A
- **stories\_hidden** (bool, *optional*) – N/A
- **stories\_unavailable** (bool, *optional*) – N/A
- **contact\_require\_premium** (bool, *optional*) – N/A
- **access\_hash** (int 64-bit, *optional*) – N/A
- **first\_name** (str, *optional*) – N/A
- **last\_name** (str, *optional*) – N/A
- **username** (str, *optional*) – N/A
- **phone** (str, *optional*) – N/A
- **photo** (*UserProfilePhoto*, *optional*) – N/A
- **status** (*UserStatus*, *optional*) – N/A
- **bot\_info\_version** (int 32-bit, *optional*) – N/A
- **restriction\_reason** (List of *RestrictionReason*, *optional*) – N/A
- **bot\_inline\_placeholder** (str, *optional*) – N/A
- **lang\_code** (str, *optional*) – N/A
- **emoji\_status** (*EmojiStatus*, *optional*) – N/A
- **usernames** (List of *Username*, *optional*) – N/A
- **stories\_max\_id** (int 32-bit, *optional*) – N/A
- **color** (*PeerColor*, *optional*) – N/A
- **profile\_color** (*PeerColor*, *optional*) – N/A

**Functions:**

This object can be returned by 5 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.UpdateProfile</i>       | Telegram API function. |
| <i>account.UpdateUsername</i>      | Telegram API function. |
| <i>account.ChangePhone</i>         | Telegram API function. |
| <i>users.GetUsers</i>              | Telegram API function. |
| <i>contacts.ImportContactToken</i> | Telegram API function. |

## UserEmpty

**class** hydrogram.raw.types.UserEmpty

Telegram API type.

Constructor of [User](#).

### Details:

- Layer: 176
- ID: D3BC4B7A

### Parameters

**id** (int 64-bit) – N/A

### Functions:

This object can be returned by 5 functions.

|   |                        |
|---|------------------------|
| <a href="#">account.UpdateProfile</a>       | Telegram API function. |
| <a href="#">account.UpdateUsername</a>      | Telegram API function. |
| <a href="#">account.ChangePhone</a>         | Telegram API function. |
| <a href="#">users.GetUsers</a>              | Telegram API function. |
| <a href="#">contacts.ImportContactToken</a> | Telegram API function. |

## UserFull

**class** hydrogram.raw.types.UserFull

Telegram API type.

Constructor of [UserFull](#).

### Details:

- Layer: 176
- ID: 22FF3E85

### Parameters

- **id** (int 64-bit) – N/A
- **settings** ([PeerSettings](#)) – N/A
- **notify\_settings** ([PeerNotifySettings](#)) – N/A
- **common\_chats\_count** (int 32-bit) – N/A
- **blocked** (bool, *optional*) – N/A
- **phone\_calls\_available** (bool, *optional*) – N/A
- **phone\_calls\_private** (bool, *optional*) – N/A
- **can\_pin\_message** (bool, *optional*) – N/A
- **has\_scheduled** (bool, *optional*) – N/A
- **video\_calls\_available** (bool, *optional*) – N/A
- **voice\_messages\_forbidden** (bool, *optional*) – N/A

- `translations_disabled` (bool, *optional*) – N/A
- `stories_pinned_available` (bool, *optional*) – N/A
- `blocked_my_stories_from` (bool, *optional*) – N/A
- `wallpaper_overridden` (bool, *optional*) – N/A
- `contact_require_premium` (bool, *optional*) – N/A
- `read_dates_private` (bool, *optional*) – N/A
- `about` (str, *optional*) – N/A
- `personal_photo` (*Photo*, *optional*) – N/A
- `profile_photo` (*Photo*, *optional*) – N/A
- `fallback_photo` (*Photo*, *optional*) – N/A
- `bot_info` (*BotInfo*, *optional*) – N/A
- `pinned_msg_id` (int 32-bit, *optional*) – N/A
- `folder_id` (int 32-bit, *optional*) – N/A
- `ttl_period` (int 32-bit, *optional*) – N/A
- `theme_emoticon` (str, *optional*) – N/A
- `private_forward_name` (str, *optional*) – N/A
- `bot_group_admin_rights` (*ChatAdminRights*, *optional*) – N/A
- `bot_broadcast_admin_rights` (*ChatAdminRights*, *optional*) – N/A
- `premium_gifts` (List of *PremiumGiftOption*, *optional*) – N/A
- `wallpaper` (*WallPaper*, *optional*) – N/A
- `stories` (*PeerStories*, *optional*) – N/A
- `business_work_hours` (*BusinessWorkHours*, *optional*) – N/A
- `business_location` (*BusinessLocation*, *optional*) – N/A
- `business_greeting_message` (*BusinessGreetingMessage*, *optional*) – N/A
- `business_away_message` (*BusinessAwayMessage*, *optional*) – N/A

## UserProfilePhoto

`class hydrogram.raw.types.UserProfilePhoto`

Telegram API type.

Constructor of *UserProfilePhoto*.

### Details:

- Layer: 176
- ID: 82D1F706

### Parameters

- `photo_id` (int 64-bit) – N/A
- `dc_id` (int 32-bit) – N/A

- **has\_video** (bool, *optional*) – N/A
- **personal** (bool, *optional*) – N/A
- **stripped\_thumb** (bytes, *optional*) – N/A

### UserProfilePhotoEmpty

**class** hydrogram.raw.types.UserProfilePhotoEmpty

Telegram API type.

Constructor of [UserProfilePhoto](#).

#### Details:

- Layer: 176
- ID: 4F11BAE1

#### Parameters

No parameters required.

### UserStatusEmpty

**class** hydrogram.raw.types.UserStatusEmpty

Telegram API type.

Constructor of [UserStatus](#).

#### Details:

- Layer: 176
- ID: 9D05049

#### Parameters

No parameters required.

### UserStatusLastMonth

**class** hydrogram.raw.types.UserStatusLastMonth

Telegram API type.

Constructor of [UserStatus](#).

#### Details:

- Layer: 176
- ID: 65899777

#### Parameters

**by\_me** (bool, *optional*) – N/A

### UserStatusLastWeek

**class** hydrogram.raw.types.UserStatusLastWeek

Telegram API type.

Constructor of *UserStatus*.

**Details:**

- Layer: 176
- ID: 541A1D1A

**Parameters**

**by\_me** (bool, *optional*) – N/A

### UserStatusOffline

**class** hydrogram.raw.types.UserStatusOffline

Telegram API type.

Constructor of *UserStatus*.

**Details:**

- Layer: 176
- ID: 8C703F

**Parameters**

**was\_online** (int 32-bit) – N/A

### UserStatusOnline

**class** hydrogram.raw.types.UserStatusOnline

Telegram API type.

Constructor of *UserStatus*.

**Details:**

- Layer: 176
- ID: EDB93949

**Parameters**

**expires** (int 32-bit) – N/A

## UserStatusRecently

**class** hydrogram.raw.types.UserStatusRecently

Telegram API type.

Constructor of *UserStatus*.

### Details:

- Layer: 176
- ID: 7B197DC8

### Parameters

**by\_me** (bool, *optional*) – N/A

## Username

**class** hydrogram.raw.types.Username

Telegram API type.

Constructor of *Username*.

### Details:

- Layer: 176
- ID: B4073647

### Parameters

- **username** (str) – N/A
- **editable** (bool, *optional*) – N/A
- **active** (bool, *optional*) – N/A

## VideoSize

**class** hydrogram.raw.types.VideoSize

Telegram API type.

Constructor of *VideoSize*.

### Details:

- Layer: 176
- ID: DE33B094

### Parameters

- **type** (str) – N/A
- **w** (int 32-bit) – N/A
- **h** (int 32-bit) – N/A
- **size** (int 32-bit) – N/A
- **video\_start\_ts** (float 64-bit, *optional*) – N/A

## VideoSizeEmojiMarkup

**class** hydrogram.raw.types.VideoSizeEmojiMarkup

Telegram API type.

Constructor of [VideoSize](#).

### Details:

- Layer: 176
- ID: F85C413C

### Parameters

- **emoji\_id** (int 64-bit) – N/A
- **background\_colors** (List of int 32-bit) – N/A

## VideoSizeStickerMarkup

**class** hydrogram.raw.types.VideoSizeStickerMarkup

Telegram API type.

Constructor of [VideoSize](#).

### Details:

- Layer: 176
- ID: DA082FE

### Parameters

- **stickerset** ([InputStickerSet](#)) – N/A
- **sticker\_id** (int 64-bit) – N/A
- **background\_colors** (List of int 32-bit) – N/A

## WallPaper

**class** hydrogram.raw.types.WallPaper

Telegram API type.

Constructor of [WallPaper](#).

### Details:

- Layer: 176
- ID: A437C3ED

### Parameters

- **id** (int 64-bit) – N/A
- **access\_hash** (int 64-bit) – N/A
- **slug** (str) – N/A
- **document** ([Document](#)) – N/A



- **creator** (bool, *optional*) – N/A
- **default** (bool, *optional*) – N/A
- **pattern** (bool, *optional*) – N/A
- **dark** (bool, *optional*) – N/A
- **settings** ([WallPaperSettings](#), *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <a href="#">account.GetWallPaper</a>       | Telegram API function. |
| <a href="#">account.UploadWallPaper</a>    | Telegram API function. |
| <a href="#">account.GetMultiWallPapers</a> | Telegram API function. |

**WallPaperNoFile**

**class** hydrogram.raw.types.**WallPaperNoFile**

Telegram API type.

Constructor of [WallPaper](#).

**Details:**

- Layer: 176
- ID: E0804116

**Parameters**

- **id** (int 64-bit) – N/A
- **default** (bool, *optional*) – N/A
- **dark** (bool, *optional*) – N/A
- **settings** ([WallPaperSettings](#), *optional*) – N/A

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <a href="#">account.GetWallPaper</a>       | Telegram API function. |
| <a href="#">account.UploadWallPaper</a>    | Telegram API function. |
| <a href="#">account.GetMultiWallPapers</a> | Telegram API function. |

## WallPaperSettings

**class** hydrogram.raw.types.WallPaperSettings

Telegram API type.

Constructor of [WallPaperSettings](#).

### Details:

- Layer: 176
- ID: 372EFC00

### Parameters

- **blur** (bool, *optional*) – N/A
- **motion** (bool, *optional*) – N/A
- **background\_color** (int 32-bit, *optional*) – N/A
- **second\_background\_color** (int 32-bit, *optional*) – N/A
- **third\_background\_color** (int 32-bit, *optional*) – N/A
- **fourth\_background\_color** (int 32-bit, *optional*) – N/A
- **intensity** (int 32-bit, *optional*) – N/A
- **rotation** (int 32-bit, *optional*) – N/A
- **emoticon** (str, *optional*) – N/A

## WebAuthorization

**class** hydrogram.raw.types.WebAuthorization

Telegram API type.

Constructor of [WebAuthorization](#).

### Details:

- Layer: 176
- ID: A6F8F452

### Parameters

- **hash** (int 64-bit) – N/A
- **bot\_id** (int 64-bit) – N/A
- **domain** (str) – N/A
- **browser** (str) – N/A
- **platform** (str) – N/A
- **date\_created** (int 32-bit) – N/A
- **date\_active** (int 32-bit) – N/A
- **ip** (str) – N/A
- **region** (str) – N/A

## WebDocument

**class** hydrogram.raw.types.WebDocument

Telegram API type.

Constructor of [WebDocument](#).

### Details:

- Layer: 176
- ID: 1C570ED1

### Parameters

- **url** (str) – N/A
- **access\_hash** (int 64-bit) – N/A
- **size** (int 32-bit) – N/A
- **mime\_type** (str) – N/A
- **attributes** (List of [DocumentAttribute](#)) – N/A

## WebDocumentNoProxy

**class** hydrogram.raw.types.WebDocumentNoProxy

Telegram API type.

Constructor of [WebDocument](#).

### Details:

- Layer: 176
- ID: F9C8BCC6

### Parameters

- **url** (str) – N/A
- **size** (int 32-bit) – N/A
- **mime\_type** (str) – N/A
- **attributes** (List of [DocumentAttribute](#)) – N/A

## WebPage

**class** hydrogram.raw.types.WebPage

Telegram API type.

Constructor of [WebPage](#).

### Details:

- Layer: 176
- ID: E89C45B2

### Parameters

- **id** (int 64-bit) – N/A
- **url** (str) – N/A
- **display\_url** (str) – N/A
- **hash** (int 32-bit) – N/A
- **has\_large\_media** (bool, *optional*) – N/A
- **type** (str, *optional*) – N/A
- **site\_name** (str, *optional*) – N/A
- **title** (str, *optional*) – N/A
- **description** (str, *optional*) – N/A
- **photo** (*Photo*, *optional*) – N/A
- **embed\_url** (str, *optional*) – N/A
- **embed\_type** (str, *optional*) – N/A
- **embed\_width** (int 32-bit, *optional*) – N/A
- **embed\_height** (int 32-bit, *optional*) – N/A
- **duration** (int 32-bit, *optional*) – N/A
- **author** (str, *optional*) – N/A
- **document** (*Document*, *optional*) – N/A
- **cached\_page** (*Page*, *optional*) – N/A
- **attributes** (List of *WebPageAttribute*, *optional*) – N/A

### WebPageAttributeStory

**class** hydrogram.raw.types.**WebPageAttributeStory**

Telegram API type.

Constructor of *WebPageAttribute*.

#### Details:

- Layer: 176
- ID: 2E94C3E7

#### Parameters

- **peer** (*Peer*) – N/A
- **id** (int 32-bit) – N/A
- **story** (*StoryItem*, *optional*) – N/A

### WebPageAttributeTheme

**class** hydrogram.raw.types.WebPageAttributeTheme

Telegram API type.

Constructor of [WebPageAttribute](#).

**Details:**

- Layer: 176
- ID: 54B56617

**Parameters**

- **documents** (List of [Document](#), *optional*) – N/A
- **settings** ([ThemeSettings](#), *optional*) – N/A

### WebPageEmpty

**class** hydrogram.raw.types.WebPageEmpty

Telegram API type.

Constructor of [WebPage](#).

**Details:**

- Layer: 176
- ID: 211A1788

**Parameters**

- **id** (int 64-bit) – N/A
- **url** (str, *optional*) – N/A

### WebPageNotModified

**class** hydrogram.raw.types.WebPageNotModified

Telegram API type.

Constructor of [WebPage](#).

**Details:**

- Layer: 176
- ID: 7311CA11

**Parameters**

- **cached\_page\_views** (int 32-bit, *optional*) – N/A

## WebPagePending

**class** hydrogram.raw.types.WebPagePending

Telegram API type.

Constructor of [WebPage](#).

### Details:

- Layer: 176
- ID: B0D13E47

### Parameters

- **id** (int 64-bit) – N/A
- **date** (int 32-bit) – N/A
- **url** (str, *optional*) – N/A

## WebViewMessageSent

**class** hydrogram.raw.types.WebViewMessageSent

Telegram API type.

Constructor of [WebViewMessageSent](#).

### Details:

- Layer: 176
- ID: C94511C

### Parameters

**msg\_id** ([InputBotInlineMessageID](#), *optional*) – N/A

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <a href="#">messages.SendWebViewResultMessage</a> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## WebViewResultUrl

**class** hydrogram.raw.types.WebViewResultUrl

Telegram API type.

Constructor of [WebViewResult](#).

### Details:

- Layer: 176
- ID: C14557C

### Parameters

- **query\_id** (int 64-bit) – N/A

- `url (str)` – N/A

**Functions:**

This object can be returned by 1 function.

|                                      |
|--------------------------------------|
| <code>messages.RequestWebView</code> |
|--------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## 2.3.41 Raw Base

### Account

#### `account.AuthorizationForm`

**class** `hydrogram.raw.base.account.AuthorizationForm`

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |
|--|
| <code>account.AuthorizationForm</code> |
|--|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <code>account.GetAuthorizationForm</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

#### `account.Authorizations`

**class** `hydrogram.raw.base.account.Authorizations`

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |
|-------------------------------------|
| <code>account.Authorizations</code> |
|-------------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |
|--|
| <code>account.GetAuthorizations</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### account.AutoDownloadSettings

**class** hydrogram.raw.base.account.**AutoDownloadSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>account.AutoDownloadSettings</i> | Telegram API type. |
|-------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>account.GetAutoDownloadSettings</i> | Telegram API function. |
|--|------------------------|

### account.AutoSaveSettings

**class** hydrogram.raw.base.account.**AutoSaveSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>account.AutoSaveSettings</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.GetAutoSaveSettings</i> | Telegram API function. |
|------------------------------------|------------------------|

### account.ConnectedBots

**class** hydrogram.raw.base.account.**ConnectedBots**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>account.ConnectedBots</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>account.GetConnectedBots</i> | Telegram API function. |
|---------------------------------|------------------------|



**account.ContentSettings**

**class** hydrogram.raw.base.account.**ContentSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>account.ContentSettings</i> | Telegram API type. |
|--------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>account.GetContentSettings</i> | Telegram API function. |
|-----------------------------------|------------------------|

**account.EmailVerified**

**class** hydrogram.raw.base.account.**EmailVerified**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>account.EmailVerified</i>      | Telegram API type. |
| <i>account.EmailVerifiedLogin</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>account.VerifyEmail</i> | Telegram API function. |
|----------------------------|------------------------|

**account.EmojiStatuses**

**class** hydrogram.raw.base.account.**EmojiStatuses**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>account.EmojiStatuses</i>            | Telegram API type. |
| <i>account.EmojiStatusesNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <code>account.GetDefaultEmojiStatuses</code>        | Telegram API function. |
| <code>account.GetRecentEmojiStatuses</code>         | Telegram API function. |
| <code>account.GetChannelDefaultEmojiStatuses</code> | Telegram API function. |

## **account.Password**

**class** `hydrogram.raw.base.account.Password`

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <code>account.Password</code> | Telegram API type. |
|-------------------------------|--------------------|

### **Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <code>account.GetPassword</code> | Telegram API function. |
|----------------------------------|------------------------|

## **account.PasswordInputSettings**

**class** `hydrogram.raw.base.account.PasswordInputSettings`

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <code>account.PasswordInputSettings</code> | Telegram API type. |
|--|--------------------|

## **account.PasswordSettings**

**class** `hydrogram.raw.base.account.PasswordSettings`

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|                                       |                    |
|---------------------------------------|--------------------|
| <code>account.PasswordSettings</code> | Telegram API type. |
|---------------------------------------|--------------------|

### **Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>account.GetPasswordSettings</code> | Telegram API function. |
|--|------------------------|

**account.PrivacyRules**

**class** hydrogram.raw.base.account.**PrivacyRules**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>account.PrivacyRules</i> | Telegram API type. |
|-----------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                           |                        |
|---------------------------|------------------------|
| <i>account.GetPrivacy</i> | Telegram API function. |
| <i>account.SetPrivacy</i> | Telegram API function. |

**account.ResetPasswordResult**

**class** hydrogram.raw.base.account.**ResetPasswordResult**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|   |                    |
|---|--------------------|
| <i>account.ResetPasswordFailedWait</i>    | Telegram API type. |
| <i>account.ResetPasswordOk</i>            | Telegram API type. |
| <i>account.ResetPasswordRequestedWait</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>account.ResetPassword</i> | Telegram API function. |
|------------------------------|------------------------|

**account.SavedRingtone**

**class** hydrogram.raw.base.account.**SavedRingtone**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>account.SavedRingtone</i>          | Telegram API type. |
| <i>account.SavedRingtoneConverted</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <code>account.SaveRingtone</code> | Telegram API function. |
|-----------------------------------|------------------------|

## **account.SavedRingtones**

**class** `hydrogram.raw.base.account.SavedRingtones`

Telegram API base type.

### **Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <code>account.SavedRingtones</code>            | Telegram API type. |
| <code>account.SavedRingtonesNotModified</code> | Telegram API type. |

### **Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>account.GetSavedRingtones</code> | Telegram API function. |
|--|------------------------|

## **account.SentEmailCode**

**class** `hydrogram.raw.base.account.SentEmailCode`

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <code>account.SentEmailCode</code> | Telegram API type. |
|------------------------------------|--------------------|

### **Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>account.SendVerifyEmailCode</code> | Telegram API function. |
|--|------------------------|

## **account.Takeout**

**class** `hydrogram.raw.base.account.Takeout`

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <code>account.Takeout</code> | Telegram API type. |
|------------------------------|--------------------|

### **Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>account.InitTakeoutSession</i> | Telegram API function. |
|-----------------------------------|------------------------|

## account.Themes

**class** hydrogram.raw.base.account.Themes

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>account.Themes</i>            | Telegram API type. |
| <i>account.ThemesNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>account.GetThemes</i>     | Telegram API function. |
| <i>account.GetChatThemes</i> | Telegram API function. |

## account.TmpPassword

**class** hydrogram.raw.base.account.TmpPassword

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>account.TmpPassword</i> | Telegram API type. |
|----------------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>account.GetTmpPassword</i> | Telegram API function. |
|-------------------------------|------------------------|

## account.WallPapers

**class** hydrogram.raw.base.account.WallPapers

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>account.WallPapers</i>            | Telegram API type. |
| <i>account.WallPapersNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>account.GetWallPapers</i> | Telegram API function. |
|------------------------------|------------------------|

## account.WebAuthorizations

**class** hydrogram.raw.base.account.WebAuthorizations

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>account.WebAuthorizations</i> | Telegram API type. |
|----------------------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>account.GetWebAuthorizations</i> | Telegram API function. |
|-------------------------------------|------------------------|

## Auth

### auth.Authorization

**class** hydrogram.raw.base.auth.Authorization

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>auth.Authorization</i>               | Telegram API type. |
| <i>auth.AuthorizationSignUpRequired</i> | Telegram API type. |

### Functions:

This object can be returned by 7 functions.

|   |                        |
|---|------------------------|
| <i>auth.SignUp</i>                      | Telegram API function. |
| <i>auth.SignIn</i>                      | Telegram API function. |
| <i>auth.ImportAuthorization</i>         | Telegram API function. |
| <i>auth.ImportBotAuthorization</i>      | Telegram API function. |
| <i>auth.CheckPassword</i>               | Telegram API function. |
| <i>auth.RecoverPassword</i>             | Telegram API function. |
| <i>auth.ImportWebTokenAuthorization</i> | Telegram API function. |

**auth.CodeType****class** hydrogram.raw.base.auth.**CodeType**

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>auth.CodeTypeCall</i>        | Telegram API type. |
| <i>auth.CodeTypeFlashCall</i>   | Telegram API type. |
| <i>auth.CodeTypeFragmentSms</i> | Telegram API type. |
| <i>auth.CodeTypeMissedCall</i>  | Telegram API type. |
| <i>auth.CodeTypeSms</i>         | Telegram API type. |

**auth.ExportedAuthorization****class** hydrogram.raw.base.auth.**ExportedAuthorization**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>auth.ExportedAuthorization</i> | Telegram API type. |
|-----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>auth.ExportAuthorization</i> | Telegram API function. |
|---------------------------------|------------------------|

**auth.LoggedOut****class** hydrogram.raw.base.auth.**LoggedOut**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>auth.LoggedOut</i> | Telegram API type. |
|-----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                    |                        |
|--------------------|------------------------|
| <i>auth.LogOut</i> | Telegram API function. |
|--------------------|------------------------|

## auth.LoginToken

**class** hydrogram.raw.base.auth.LoginToken

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>auth.LoginToken</i>          | Telegram API type. |
| <i>auth.LoginTokenMigrateTo</i> | Telegram API type. |
| <i>auth.LoginTokenSuccess</i>   | Telegram API type. |

**Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>auth.ExportLoginToken</i> | Telegram API function. |
| <i>auth.ImportLoginToken</i> | Telegram API function. |

## auth.PasswordRecovery

**class** hydrogram.raw.base.auth.PasswordRecovery

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>auth.PasswordRecovery</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>auth.RequestPasswordRecovery</i> | Telegram API function. |
|-------------------------------------|------------------------|

## auth.SentCode

**class** hydrogram.raw.base.auth.SentCode

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>auth.SentCode</i>        | Telegram API type. |
| <i>auth.SentCodeSuccess</i> | Telegram API type. |

**Functions:**

This object can be returned by 6 functions.



|                                     |                        |
|-------------------------------------|------------------------|
| <i>auth.SendCode</i>                | Telegram API function. |
| <i>auth.ResendCode</i>              | Telegram API function. |
| <i>auth.ResetLoginEmail</i>         | Telegram API function. |
| <i>account.SendChangePhoneCode</i>  | Telegram API function. |
| <i>account.SendConfirmPhoneCode</i> | Telegram API function. |
| <i>account.SendVerifyPhoneCode</i>  | Telegram API function. |

## auth.SentCodeType

**class** hydrogram.raw.base.auth.SentCodeType

Telegram API base type.

### Constructors:

This base type has 9 constructors available.

|  |                    |
|--|--------------------|
| <i>auth.SentCodeTypeApp</i>                | Telegram API type. |
| <i>auth.SentCodeTypeCall</i>               | Telegram API type. |
| <i>auth.SentCodeTypeEmailCode</i>          | Telegram API type. |
| <i>auth.SentCodeTypeFirebaseSms</i>        | Telegram API type. |
| <i>auth.SentCodeTypeFlashCall</i>          | Telegram API type. |
| <i>auth.SentCodeTypeFragmentSms</i>        | Telegram API type. |
| <i>auth.SentCodeTypeMissedCall</i>         | Telegram API type. |
| <i>auth.SentCodeTypeSetUpEmailRequired</i> | Telegram API type. |
| <i>auth.SentCodeTypeSms</i>                | Telegram API type. |

## Bots

### bots.BotInfo

**class** hydrogram.raw.base.bots.BotInfo

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>bots.BotInfo</i> | Telegram API type. |
|---------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                        |                        |
|------------------------|------------------------|
| <i>bots.GetBotInfo</i> | Telegram API function. |
|------------------------|------------------------|

### Channels

#### channels.AdminLogResults

**class** hydrogram.raw.base.channels.AdminLogResults

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>channels.AdminLogResults</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>channels.GetAdminLog</i> | Telegram API function. |
|-----------------------------|------------------------|

#### channels.ChannelParticipant

**class** hydrogram.raw.base.channels.ChannelParticipant

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>channels.ChannelParticipant</i> | Telegram API type. |
|------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>channels.GetParticipant</i> | Telegram API function. |
|--------------------------------|------------------------|

#### channels.ChannelParticipants

**class** hydrogram.raw.base.channels.ChannelParticipants

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>channels.ChannelParticipants</i>            | Telegram API type. |
| <i>channels.ChannelParticipantsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>channels.GetParticipants</i> | Telegram API function. |
|---------------------------------|------------------------|

**channels.SendAsPeers**

**class** hydrogram.raw.base.channels.**SendAsPeers**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>channels.SendAsPeers</i> | Telegram API type. |
|-----------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                           |                        |
|---------------------------|------------------------|
| <i>channels.GetSendAs</i> | Telegram API function. |
|---------------------------|------------------------|

**Chatlists****chatlists.ChatlistInvite**

**class** hydrogram.raw.base.chatlists.**ChatlistInvite**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>chatlists.ChatlistInvite</i>        | Telegram API type. |
| <i>chatlists.ChatlistInviteAlready</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>chatlists.CheckChatlistInvite</i> | Telegram API function. |
|--------------------------------------|------------------------|

**chatlists.ChatlistUpdates**

**class** hydrogram.raw.base.chatlists.**ChatlistUpdates**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>chatlists.ChatlistUpdates</i> | Telegram API type. |
|----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>chatlists.GetChatlistUpdates</i> | Telegram API function. |
|-------------------------------------|------------------------|

### chatlists.ExportedChatlistInvite

**class** hydrogram.raw.base.chatlists.ExportedChatlistInvite

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|   |                    |
|---|--------------------|
| <i>chatlists.ExportedChatlistInvite</i> | Telegram API type. |
|---|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>chatlists.ExportChatlistInvite</i> | Telegram API function. |
|---------------------------------------|------------------------|

### chatlists.ExportedInvites

**class** hydrogram.raw.base.chatlists.ExportedInvites

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>chatlists.ExportedInvites</i> | Telegram API type. |
|----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>chatlists.GetExportedInvites</i> | Telegram API function. |
|-------------------------------------|------------------------|

## Contacts

### contacts.Blocked

**class** hydrogram.raw.base.contacts.Blocked

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>contacts.Blocked</i>      | Telegram API type. |
| <i>contacts.BlockedSlice</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>contacts.GetBlocked</i> | Telegram API function. |
|----------------------------|------------------------|

**contacts.Contacts**

**class** hydrogram.raw.base.contacts.**Contacts**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>contacts.Contacts</i>            | Telegram API type. |
| <i>contacts.ContactsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>contacts.GetContacts</i> | Telegram API function. |
|-----------------------------|------------------------|

**contacts.Found**

**class** hydrogram.raw.base.contacts.**Found**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>contacts.Found</i> | Telegram API type. |
|-----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                        |                        |
|------------------------|------------------------|
| <i>contacts.Search</i> | Telegram API function. |
|------------------------|------------------------|

**contacts.ImportedContacts**

**class** hydrogram.raw.base.contacts.**ImportedContacts**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>contacts.ImportedContacts</i> | Telegram API type. |
|----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>contacts.ImportContacts</i> | Telegram API function. |
|--------------------------------|------------------------|

### contacts.ResolvedPeer

**class** hydrogram.raw.base.contacts.ResolvedPeer

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>contacts.ResolvedPeer</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                                 |                        |
|---------------------------------|------------------------|
| <i>contacts.ResolveUsername</i> | Telegram API function. |
| <i>contacts.ResolvePhone</i>    | Telegram API function. |

### contacts.TopPeers

**class** hydrogram.raw.base.contacts.TopPeers

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>contacts.TopPeers</i>            | Telegram API type. |
| <i>contacts.TopPeersDisabled</i>    | Telegram API type. |
| <i>contacts.TopPeersNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>contacts.GetTopPeers</i> | Telegram API function. |
|-----------------------------|------------------------|

## Help

### help.AppConfig

**class** hydrogram.raw.base.help.AppConfig

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>help.AppConfig</i>            | Telegram API type. |
| <i>help.AppConfigNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>help.GetAppConfig</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.AppUpdate**

**class** hydrogram.raw.base.help.AppUpdate

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                       |
|-----------------------|
| <i>help.AppUpdate</i> |
|-----------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                         |
|-------------------------|
| <i>help.NoAppUpdate</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>help.GetAppUpdate</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**help.ConfigSimple**

**class** hydrogram.raw.base.help.ConfigSimple

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>help.ConfigSimple</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**help.CountriesList**

**class** hydrogram.raw.base.help.CountriesList

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |
|---------------------------|
| <i>help.CountriesList</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                                      |
|--------------------------------------|
| <i>help.CountriesListNotModified</i> |
|--------------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>help.GetCountriesList</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### help.Country

**class** hydrogram.raw.base.help.Country

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |
|---------------------|
| <i>help.Country</i> |
|---------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### help.CountryCode

**class** hydrogram.raw.base.help.CountryCode

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>help.CountryCode</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### help.DeepLinkInfo

**class** hydrogram.raw.base.help.DeepLinkInfo

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                          |
|--------------------------|
| <i>help.DeepLinkInfo</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                               |
|-------------------------------|
| <i>help.DeepLinkInfoEmpty</i> |
|-------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>help.GetDeepLinkInfo</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### help.InviteText

**class** hydrogram.raw.base.help.InviteText

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |
|------------------------|
| <i>help.InviteText</i> |
|------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|



**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <a href="#"><i>help.GetInviteText</i></a> | Telegram API function. |
|---|------------------------|

**help.PassportConfig**

**class** hydrogram.raw.base.help.PassportConfig

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <a href="#"><i>help.PassportConfig</i></a>            | Telegram API type. |
| <a href="#"><i>help.PassportConfigNotModified</i></a> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <a href="#"><i>help.GetPassportConfig</i></a> | Telegram API function. |
|---|------------------------|

**help.PeerColorOption**

**class** hydrogram.raw.base.help.PeerColorOption

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|   |                    |
|---|--------------------|
| <a href="#"><i>help.PeerColorOption</i></a> | Telegram API type. |
|---|--------------------|

**help.PeerColorSet**

**class** hydrogram.raw.base.help.PeerColorSet

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <a href="#"><i>help.PeerColorProfileSet</i></a> | Telegram API type. |
| <a href="#"><i>help.PeerColorSet</i></a>        | Telegram API type. |

## help.PeerColors

**class** hydrogram.raw.base.help.PeerColors

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>help.PeerColors</i>            | Telegram API type. |
| <i>help.PeerColorsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 2 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>help.GetPeerColors</i>        | Telegram API function. |
| <i>help.GetPeerProfileColors</i> | Telegram API function. |

## help.PremiumPromo

**class** hydrogram.raw.base.help.PremiumPromo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>help.PremiumPromo</i> | Telegram API type. |
|--------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>help.GetPremiumPromo</i> | Telegram API function. |
|-----------------------------|------------------------|

## help.PromoData

**class** hydrogram.raw.base.help.PromoData

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>help.PromoData</i>      | Telegram API type. |
| <i>help.PromoDataEmpty</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>help.GetPromoData</i> | Telegram API function. |
|--------------------------|------------------------|

## help.RecentMeUrls

**class** hydrogram.raw.base.help.RecentMeUrls

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>help.RecentMeUrls</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>help.GetRecentMeUrls</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.Support

**class** hydrogram.raw.base.help.Support

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |
|---------------------|
| <i>help.Support</i> |
|---------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                        |
|------------------------|
| <i>help.GetSupport</i> |
|------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.SupportName

**class** hydrogram.raw.base.help.SupportName

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>help.SupportName</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                            |
|----------------------------|
| <i>help.GetSupportName</i> |
|----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## help.TermsOfService

**class** hydrogram.raw.base.help.TermsOfService

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <a href="#"><i>help.TermsOfService</i></a> | Telegram API type. |
|--|--------------------|

## help.TermsOfServiceUpdate

**class** hydrogram.raw.base.help.TermsOfServiceUpdate

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <a href="#"><i>help.TermsOfServiceUpdate</i></a>      | Telegram API type. |
| <a href="#"><i>help.TermsOfServiceUpdateEmpty</i></a> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <a href="#"><i>help.GetTermsOfServiceUpdate</i></a> | Telegram API function. |
|---|------------------------|

## help.TimezonesList

**class** hydrogram.raw.base.help.TimezonesList

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <a href="#"><i>help.TimezonesList</i></a>            | Telegram API type. |
| <a href="#"><i>help.TimezonesListNotModified</i></a> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <a href="#"><i>help.GetTimezonesList</i></a> | Telegram API function. |
|--|------------------------|

## help.UserInfo

**class** hydrogram.raw.base.help.UserInfo

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>help.UserInfo</i>      | Telegram API type. |
| <i>help.UserInfoEmpty</i> | Telegram API type. |

**Functions:**

This object can be returned by 2 functions.

|                          |                        |
|--------------------------|------------------------|
| <i>help.GetUserInfo</i>  | Telegram API function. |
| <i>help.EditUserInfo</i> | Telegram API function. |

## Messages

### messages.AffectedFoundMessages

**class** hydrogram.raw.base.messages.AffectedFoundMessages

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>messages.AffectedFoundMessages</i> | Telegram API type. |
|---------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.DeletePhoneCallHistory</i> | Telegram API function. |
|--|------------------------|

### messages.AffectedHistory

**class** hydrogram.raw.base.messages.AffectedHistory

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>messages.AffectedHistory</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 7 functions.

|  |                        |
|--|------------------------|
| <i>messages.DeleteHistory</i>            | Telegram API function. |
| <i>messages.ReadMentions</i>             | Telegram API function. |
| <i>messages.UnpinAllMessages</i>         | Telegram API function. |
| <i>messages.ReadReactions</i>            | Telegram API function. |
| <i>messages.DeleteSavedHistory</i>       | Telegram API function. |
| <i>channels.DeleteParticipantHistory</i> | Telegram API function. |
| <i>channels.DeleteTopicHistory</i>       | Telegram API function. |

## **messages.AffectedMessages**

**class** hydrogram.raw.base.messages.**AffectedMessages**

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>messages.AffectedMessages</i> | Telegram API type. |
|----------------------------------|--------------------|

### **Functions:**

This object can be returned by 4 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.ReadHistory</i>         | Telegram API function. |
| <i>messages.DeleteMessages</i>      | Telegram API function. |
| <i>messages.ReadMessageContents</i> | Telegram API function. |
| <i>channels.DeleteMessages</i>      | Telegram API function. |

## **messages.AllStickers**

**class** hydrogram.raw.base.messages.**AllStickers**

Telegram API base type.

### **Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.AllStickers</i>            | Telegram API type. |
| <i>messages.AllStickersNotModified</i> | Telegram API type. |

### **Functions:**

This object can be returned by 3 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetAllStickers</i>   | Telegram API function. |
| <i>messages.GetMaskStickers</i>  | Telegram API function. |
| <i>messages.GetEmojiStickers</i> | Telegram API function. |

**messaging.ArchivedStickers**

**class** hydrogram.raw.base.messages.**ArchivedStickers**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>messages.ArchivedStickers</i> | Telegram API type. |
|----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetArchivedStickers</i> | Telegram API function. |
|-------------------------------------|------------------------|

**messaging.AvailableReactions**

**class** hydrogram.raw.base.messages.**AvailableReactions**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.AvailableReactions</i>            | Telegram API type. |
| <i>messages.AvailableReactionsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetAvailableReactions</i> | Telegram API function. |
|---------------------------------------|------------------------|

**messaging.BotApp**

**class** hydrogram.raw.base.messages.**BotApp**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>messages.BotApp</i> | Telegram API type. |
|------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                           |                        |
|---------------------------|------------------------|
| <i>messages.GetBotApp</i> | Telegram API function. |
|---------------------------|------------------------|

### messages.BotCallbackAnswer

**class** hydrogram.raw.base.messages.**BotCallbackAnswer**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|   |                    |
|---|--------------------|
| <code>messages.BotCallbackAnswer</code> | Telegram API type. |
|---|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetBotCallbackAnswer</code> | Telegram API function. |
|--|------------------------|

### messages.BotResults

**class** hydrogram.raw.base.messages.**BotResults**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <code>messages.BotResults</code> | Telegram API type. |
|----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.GetInlineBotResults</code> | Telegram API function. |
|---|------------------------|

### messages.ChatAdminsWithInvites

**class** hydrogram.raw.base.messages.**ChatAdminsWithInvites**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|   |                    |
|---|--------------------|
| <code>messages.ChatAdminsWithInvites</code> | Telegram API type. |
|---|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetAdminsWithInvites</code> | Telegram API function. |
|--|------------------------|



**messages.ChatFull**

**class** hydrogram.raw.base.messages.**ChatFull**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>messages.ChatFull</i> | Telegram API type. |
|--------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.GetFullChat</i>    | Telegram API function. |
| <i>channels.GetFullChannel</i> | Telegram API function. |

**messages.ChatInviteImporters**

**class** hydrogram.raw.base.messages.**ChatInviteImporters**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>messages.ChatInviteImporters</i> | Telegram API type. |
|-------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetChatInviteImporters</i> | Telegram API function. |
|--|------------------------|

**messages.Chats**

**class** hydrogram.raw.base.messages.**Chats**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>messages.Chats</i>      | Telegram API type. |
| <i>messages.ChatsSlice</i> | Telegram API type. |

**Functions:**

This object can be returned by 8 functions.

|   |                        |
|---|------------------------|
| <i>messages.GetChats</i>                  | Telegram API function. |
| <i>messages.GetCommonChats</i>            | Telegram API function. |
| <i>channels.GetChannels</i>               | Telegram API function. |
| <i>channels.GetAdmindedPublicChannels</i> | Telegram API function. |
| <i>channels.GetLeftChannels</i>           | Telegram API function. |
| <i>channels.GetGroupsForDiscussion</i>    | Telegram API function. |
| <i>channels.GetChannelRecommendations</i> | Telegram API function. |
| <i>stories.GetChatsToSend</i>             | Telegram API function. |

## **messages.CheckedHistoryImportPeer**

**class** hydrogram.raw.base.messages.CheckedHistoryImportPeer

Telegram API base type.

### **Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <i>messages.CheckedHistoryImportPeer</i> | Telegram API type. |
|--|--------------------|

### **Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.CheckHistoryImportPeer</i> | Telegram API function. |
|--|------------------------|

## **messages.DhConfig**

**class** hydrogram.raw.base.messages.DhConfig

Telegram API base type.

### **Constructors:**

This base type has 2 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>messages.DhConfig</i>            | Telegram API type. |
| <i>messages.DhConfigNotModified</i> | Telegram API type. |

### **Functions:**

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>messages.GetDhConfig</i> | Telegram API function. |
|-----------------------------|------------------------|

**messages.DialogFilters****class** hydrogram.raw.base.messages.DialogFilters

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>messages.DialogFilters</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetDialogFilters</i> | Telegram API function. |
|----------------------------------|------------------------|

**messages.Dialogs****class** hydrogram.raw.base.messages.Dialogs

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>messages.Dialogs</i>            | Telegram API type. |
| <i>messages.DialogsNotModified</i> | Telegram API type. |
| <i>messages.DialogsSlice</i>       | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>messages.GetDialogs</i> | Telegram API function. |
|----------------------------|------------------------|

**messages.DiscussionMessage****class** hydrogram.raw.base.messages.DiscussionMessage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>messages.DiscussionMessage</i> | Telegram API type. |
|-----------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetDiscussionMessage</i> | Telegram API function. |
|--------------------------------------|------------------------|

## messages.EmojiGroups

**class** hydrogram.raw.base.messages.EmojiGroups

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.EmojiGroups</i>            | Telegram API type. |
| <i>messages.EmojiGroupsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetEmojiGroups</i>             | Telegram API function. |
| <i>messages.GetEmojiStatusGroups</i>       | Telegram API function. |
| <i>messages.GetEmojiProfilePhotoGroups</i> | Telegram API function. |

## messages.ExportedChatInvite

**class** hydrogram.raw.base.messages.ExportedChatInvite

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.ExportedChatInvite</i>         | Telegram API type. |
| <i>messages.ExportedChatInviteReplaced</i> | Telegram API type. |

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetExportedChatInvite</i>  | Telegram API function. |
| <i>messages.EditExportedChatInvite</i> | Telegram API function. |

## messages.ExportedChatInvites

**class** hydrogram.raw.base.messages.ExportedChatInvites

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>messages.ExportedChatInvites</i> | Telegram API type. |
|-------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetExportedChatInvites</i> | Telegram API function. |
|--|------------------------|

## messages.FavedStickers

**class** hydrogram.raw.base.messages.FavedStickers

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.FavedStickers</i>            | Telegram API type. |
| <i>messages.FavedStickersNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetFavedStickers</i> | Telegram API function. |
|----------------------------------|------------------------|

## messages.FeaturedStickers

**class** hydrogram.raw.base.messages.FeaturedStickers

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.FeaturedStickers</i>            | Telegram API type. |
| <i>messages.FeaturedStickersNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetFeaturedStickers</i>      | Telegram API function. |
| <i>messages.GetOldFeaturedStickers</i>   | Telegram API function. |
| <i>messages.GetFeaturedEmojiStickers</i> | Telegram API function. |

## messages.ForumTopics

**class** hydrogram.raw.base.messages.ForumTopics

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>messages.ForumTopics</i> | Telegram API type. |
|-----------------------------|--------------------|

### Functions:

This object can be returned by 2 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>channels.GetForumTopics</i>     | Telegram API function. |
| <i>channels.GetForumTopicsByID</i> | Telegram API function. |

## messages.FoundStickerSets

**class** hydrogram.raw.base.messages.FoundStickerSets

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.FoundStickerSets</i>            | Telegram API type. |
| <i>messages.FoundStickerSetsNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.SearchStickerSets</i>      | Telegram API function. |
| <i>messages.SearchEmojiStickerSets</i> | Telegram API function. |

## messages.HighScores

**class** hydrogram.raw.base.messages.HighScores

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>messages.HighScores</i> | Telegram API type. |
|----------------------------|--------------------|

### Functions:

This object can be returned by 2 functions.

|   |                        |
|---|------------------------|
| <i>messages.GetGameHighScores</i>       | Telegram API function. |
| <i>messages.GetInlineGameHighScores</i> | Telegram API function. |

**messages.HistoryImport**

**class** hydrogram.raw.base.messages.**HistoryImport**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>messages.HistoryImport</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.InitHistoryImport</i> | Telegram API function. |
|-----------------------------------|------------------------|

**messages.HistoryImportParsed**

**class** hydrogram.raw.base.messages.**HistoryImportParsed**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>messages.HistoryImportParsed</i> | Telegram API type. |
|-------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                    |                        |
|------------------------------------|------------------------|
| <i>messages.CheckHistoryImport</i> | Telegram API function. |
|------------------------------------|------------------------|

**messages.InactiveChats**

**class** hydrogram.raw.base.messages.**InactiveChats**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>messages.InactiveChats</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>channels.GetInactiveChannels</i> | Telegram API function. |
|-------------------------------------|------------------------|

### messages.MessageEditData

**class** hydrogram.raw.base.messages.MessageEditData

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                       |                    |
|---------------------------------------|--------------------|
| <code>messages.MessageEditData</code> | Telegram API type. |
|---------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetMessageEditData</code> | Telegram API function. |
|--|------------------------|

### messages.MessageReactionsList

**class** hydrogram.raw.base.messages.MessageReactionsList

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <code>messages.MessageReactionsList</code> | Telegram API type. |
|--|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.GetMessageReactionsList</code> | Telegram API function. |
|---|------------------------|

### messages.MessageViews

**class** hydrogram.raw.base.messages.MessageViews

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <code>messages.MessageViews</code> | Telegram API type. |
|------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <code>messages.GetMessagesViews</code> | Telegram API function. |
|--|------------------------|



**messages.Messages**

**class** hydrogram.raw.base.messages.**Messages**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>messages.ChannelMessages</i>     | Telegram API type. |
| <i>messages.Messages</i>            | Telegram API type. |
| <i>messages.MessagesNotModified</i> | Telegram API type. |
| <i>messages.MessagesSlice</i>       | Telegram API type. |

**Functions:**

This object can be returned by 14 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetMessages</i>           | Telegram API function. |
| <i>messages.GetHistory</i>            | Telegram API function. |
| <i>messages.Search</i>                | Telegram API function. |
| <i>messages.SearchGlobal</i>          | Telegram API function. |
| <i>messages.GetUnreadMentions</i>     | Telegram API function. |
| <i>messages.GetRecentLocations</i>    | Telegram API function. |
| <i>messages.GetScheduledHistory</i>   | Telegram API function. |
| <i>messages.GetScheduledMessages</i>  | Telegram API function. |
| <i>messages.GetReplies</i>            | Telegram API function. |
| <i>messages.GetUnreadReactions</i>    | Telegram API function. |
| <i>messages.SearchSentMedia</i>       | Telegram API function. |
| <i>messages.GetSavedHistory</i>       | Telegram API function. |
| <i>messages.GetQuickReplyMessages</i> | Telegram API function. |
| <i>channels.GetMessages</i>           | Telegram API function. |

**messages.PeerDialogs**

**class** hydrogram.raw.base.messages.**PeerDialogs**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>messages.PeerDialogs</i> | Telegram API type. |
|-----------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetPeerDialogs</i>   | Telegram API function. |
| <i>messages.GetPinnedDialogs</i> | Telegram API function. |

### messages.PeerSettings

**class** hydrogram.raw.base.messages.PeerSettings

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>messages.PeerSettings</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>messages.GetPeerSettings</i> | Telegram API function. |
|---------------------------------|------------------------|

### messages.QuickReplies

**class** hydrogram.raw.base.messages.QuickReplies

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.QuickReplies</i>            | Telegram API type. |
| <i>messages.QuickRepliesNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>messages.GetQuickReplies</i> | Telegram API function. |
|---------------------------------|------------------------|

### messages.Reactions

**class** hydrogram.raw.base.messages.Reactions

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>messages.Reactions</i>            | Telegram API type. |
| <i>messages.ReactionsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetTopReactions</i>        | Telegram API function. |
| <i>messages.GetRecentReactions</i>     | Telegram API function. |
| <i>messages.GetDefaultTagReactions</i> | Telegram API function. |

## messages.RecentStickers

**class** hydrogram.raw.base.messages.RecentStickers

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.RecentStickers</i>            | Telegram API type. |
| <i>messages.RecentStickersNotModified</i> | Telegram API type. |

### Functions:

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetRecentStickers</i> | Telegram API function. |
|-----------------------------------|------------------------|

## messages.SavedDialogs

**class** hydrogram.raw.base.messages.SavedDialogs

Telegram API base type.

### Constructors:

This base type has 3 constructors available.

|   |                    |
|---|--------------------|
| <i>messages.SavedDialogs</i>            | Telegram API type. |
| <i>messages.SavedDialogsNotModified</i> | Telegram API type. |
| <i>messages.SavedDialogsSlice</i>       | Telegram API type. |

### Functions:

This object can be returned by 2 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetSavedDialogs</i>       | Telegram API function. |
| <i>messages.GetPinnedSavedDialogs</i> | Telegram API function. |

## messages.SavedGifs

**class** hydrogram.raw.base.messages.SavedGifs

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>messages.SavedGifs</i>            | Telegram API type. |
| <i>messages.SavedGifsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>messages.GetSavedGifs</i> | Telegram API function. |
|------------------------------|------------------------|

## messages.SavedReactionTags

**class** hydrogram.raw.base.messages.SavedReactionTags

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.SavedReactionTags</i>            | Telegram API type. |
| <i>messages.SavedReactionTagsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetSavedReactionTags</i> | Telegram API function. |
|--------------------------------------|------------------------|

## messages.SearchCounter

**class** hydrogram.raw.base.messages.SearchCounter

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>messages.SearchCounter</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetSearchCounters</i> | Telegram API function. |
|-----------------------------------|------------------------|

**messages.SearchResultsCalendar**

**class** hydrogram.raw.base.messages.**SearchResultsCalendar**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>messages.SearchResultsCalendar</i> | Telegram API type. |
|---------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetSearchResultsCalendar</i> | Telegram API function. |
|--|------------------------|

**messages.SearchResultsPositions**

**class** hydrogram.raw.base.messages.**SearchResultsPositions**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <i>messages.SearchResultsPositions</i> | Telegram API type. |
|--|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>messages.GetSearchResultsPositions</i> | Telegram API function. |
|---|------------------------|

**messages.SentEncryptedMessage**

**class** hydrogram.raw.base.messages.**SentEncryptedMessage**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>messages.SentEncryptedFile</i>    | Telegram API type. |
| <i>messages.SentEncryptedMessage</i> | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.SendEncrypted</i>        | Telegram API function. |
| <i>messages.SendEncryptedFile</i>    | Telegram API function. |
| <i>messages.SendEncryptedService</i> | Telegram API function. |

## messages.SponsoredMessages

**class** hydrogram.raw.base.messages.SponsoredMessages

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>messages.SponsoredMessages</i>      | Telegram API type. |
| <i>messages.SponsoredMessagesEmpty</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>channels.GetSponsoredMessages</i> | Telegram API function. |
|--------------------------------------|------------------------|

## messages.StickerSet

**class** hydrogram.raw.base.messages.StickerSet

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>messages.StickerSet</i>            | Telegram API type. |
| <i>messages.StickerSetNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 8 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>messages.GetStickerSet</i>         | Telegram API function. |
| <i>stickers.CreateStickerSet</i>      | Telegram API function. |
| <i>stickers.RemoveStickerFromSet</i>  | Telegram API function. |
| <i>stickers.ChangeStickerPosition</i> | Telegram API function. |
| <i>stickers.AddStickerToSet</i>       | Telegram API function. |
| <i>stickers.SetStickerSetThumb</i>    | Telegram API function. |
| <i>stickers.ChangeSticker</i>         | Telegram API function. |
| <i>stickers.RenameStickerSet</i>      | Telegram API function. |

## messages.StickerSetInstallResult

**class** hydrogram.raw.base.messages.StickerSetInstallResult

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <code>messages.StickerSetInstallResultArchive</code> | Telegram API type. |
| <code>messages.StickerSetInstallResultSuccess</code> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <code>messages.InstallStickerSet</code> | Telegram API function. |
|---|------------------------|

**messages.Stickers**

**class** `hydrogram.raw.base.messages.Stickers`

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <code>messages.Stickers</code>            | Telegram API type. |
| <code>messages.StickersNotModified</code> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <code>messages.GetStickers</code> | Telegram API function. |
|-----------------------------------|------------------------|

**messages.TranscribedAudio**

**class** `hydrogram.raw.base.messages.TranscribedAudio`

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <code>messages.TranscribedAudio</code> | Telegram API type. |
|--|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                       |                        |
|---------------------------------------|------------------------|
| <code>messages.TranscribeAudio</code> | Telegram API function. |
|---------------------------------------|------------------------|

### messages.TranslatedText

**class** hydrogram.raw.base.messages.TranslatedText

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>messages.TranslateResult</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>messages.TranslateText</i> | Telegram API function. |
|-------------------------------|------------------------|

### messages.VotesList

**class** hydrogram.raw.base.messages.VotesList

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>messages.VotesList</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>messages.GetPollVotes</i> | Telegram API function. |
|------------------------------|------------------------|

### messages.WebPage

**class** hydrogram.raw.base.messages.WebPage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>messages.WebPage</i> | Telegram API type. |
|-------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>messages.GetWebPage</i> | Telegram API function. |
|----------------------------|------------------------|



## Payments

### payments.BankCardData

**class** hydrogram.raw.base.payments.BankCardData

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>payments.BankCardData</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>payments.GetBankCardData</i> | Telegram API function. |
|---------------------------------|------------------------|

### payments.CheckedGiftCode

**class** hydrogram.raw.base.payments.CheckedGiftCode

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>payments.CheckedGiftCode</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>payments.CheckGiftCode</i> | Telegram API function. |
|-------------------------------|------------------------|

### payments.ExportedInvoice

**class** hydrogram.raw.base.payments.ExportedInvoice

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>payments.ExportedInvoice</i> | Telegram API type. |
|---------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>payments.ExportInvoice</i> | Telegram API function. |
|-------------------------------|------------------------|

### payments.GiveawayInfo

**class** hydrogram.raw.base.payments.GiveawayInfo

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>payments.GiveawayInfo</i>        | Telegram API type. |
| <i>payments.GiveawayInfoResults</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>payments.GetGiveawayInfo</i> | Telegram API function. |
|---------------------------------|------------------------|

### payments.PaymentForm

**class** hydrogram.raw.base.payments.PaymentForm

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>payments.PaymentForm</i> | Telegram API type. |
|-----------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>payments.GetPaymentForm</i> | Telegram API function. |
|--------------------------------|------------------------|

### payments.PaymentReceipt

**class** hydrogram.raw.base.payments.PaymentReceipt

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>payments.PaymentReceipt</i> | Telegram API type. |
|--------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>payments.GetPaymentReceipt</i> | Telegram API function. |
|-----------------------------------|------------------------|

**payments.PaymentResult**

**class** hydrogram.raw.base.payments.PaymentResult

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|   |                    |
|---|--------------------|
| <i>payments.PaymentResult</i>             | Telegram API type. |
| <i>payments.PaymentVerificationNeeded</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>payments.SendPaymentForm</i> | Telegram API function. |
|---------------------------------|------------------------|

**payments.SavedInfo**

**class** hydrogram.raw.base.payments.SavedInfo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>payments.SavedInfo</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>payments.GetSavedInfo</i> | Telegram API function. |
|------------------------------|------------------------|

**payments.ValidatedRequestedInfo**

**class** hydrogram.raw.base.payments.ValidatedRequestedInfo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|  |                    |
|--|--------------------|
| <i>payments.ValidatedRequestedInfo</i> | Telegram API type. |
|--|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>payments.ValidateRequestedInfo</i> | Telegram API function. |
|---------------------------------------|------------------------|

## Phone

### phone.ExportedGroupCallInvite

**class** hydrogram.raw.base.phone.ExportedGroupCallInvite

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>phone.ExportedGroupCallInvite</i> | Telegram API type. |
|--------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                    |                        |
|------------------------------------|------------------------|
| <i>phone.ExportGroupCallInvite</i> | Telegram API function. |
|------------------------------------|------------------------|

### phone.GroupCall

**class** hydrogram.raw.base.phone.GroupCall

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>phone.GroupCall</i> | Telegram API type. |
|------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                           |                        |
|---------------------------|------------------------|
| <i>phone.GetGroupCall</i> | Telegram API function. |
|---------------------------|------------------------|

### phone.GroupCallStreamChannels

**class** hydrogram.raw.base.phone.GroupCallStreamChannels

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>phone.GroupCallStreamChannels</i> | Telegram API type. |
|--------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>phone.GetGroupCallStreamChannels</i> | Telegram API function. |
|---|------------------------|

**phone.GroupCallStreamRtmpUrl**

**class** hydrogram.raw.base.phone.GroupCallStreamRtmpUrl

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>phone.GroupCallStreamRtmpUrl</i> | Telegram API type. |
|-------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>phone.GetGroupCallStreamRtmpUrl</i> | Telegram API function. |
|--|------------------------|

**phone.GroupParticipants**

**class** hydrogram.raw.base.phone.GroupParticipants

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>phone.GroupParticipants</i> | Telegram API type. |
|--------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>phone.GetGroupParticipants</i> | Telegram API function. |
|-----------------------------------|------------------------|

**phone.JoinAsPeers**

**class** hydrogram.raw.base.phone.JoinAsPeers

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>phone.JoinAsPeers</i> | Telegram API type. |
|--------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>phone.GetGroupCallJoinAs</i> | Telegram API function. |
|---------------------------------|------------------------|

### phone.PhoneCall

**class** hydrogram.raw.base.phone.**PhoneCall**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>phone.PhoneCall</i> | Telegram API type. |
|------------------------|--------------------|

**Functions:**

This object can be returned by 3 functions.

|                          |                        |
|--------------------------|------------------------|
| <i>phone.RequestCall</i> | Telegram API function. |
| <i>phone.AcceptCall</i>  | Telegram API function. |
| <i>phone.ConfirmCall</i> | Telegram API function. |

### Photos

#### photos.Photo

**class** hydrogram.raw.base.photos.**Photo**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>photos.Photo</i> | Telegram API type. |
|---------------------|--------------------|

**Functions:**

This object can be returned by 3 functions.

|   |                        |
|---|------------------------|
| <i>photos.UpdateProfilePhoto</i>        | Telegram API function. |
| <i>photos.UploadProfilePhoto</i>        | Telegram API function. |
| <i>photos.UploadContactProfilePhoto</i> | Telegram API function. |

#### photos.Photos

**class** hydrogram.raw.base.photos.**Photos**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>photos.Photos</i>      | Telegram API type. |
| <i>photos.PhotosSlice</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>photos.GetUserPhotos</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Premium****premium.BoostsList**

**class** hydrogram.raw.base.premium.BoostsList

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>premium.BoostsList</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                              |
|------------------------------|
| <i>premium.GetBoostsList</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

|                              |
|------------------------------|
| <i>premium.GetUserBoosts</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**premium.BoostsStatus**

**class** hydrogram.raw.base.premium.BoostsStatus

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>premium.BoostsStatus</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>premium.GetBoostsStatus</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## premium.MyBoosts

**class** hydrogram.raw.base.premium.**MyBoosts**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>premium.MyBoosts</i> | Telegram API type. |
|-------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                            |                        |
|----------------------------|------------------------|
| <i>premium.GetMyBoosts</i> | Telegram API function. |
| <i>premium.ApplyBoost</i>  | Telegram API function. |

## Smsjobs

### smsjobs.EligibilityToJoin

**class** hydrogram.raw.base.smsjobs.**EligibilityToJoin**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>smsjobs.EligibleToJoin</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>smsjobs.IsEligibleToJoin</i> | Telegram API function. |
|---------------------------------|------------------------|

### smsjobs.Status

**class** hydrogram.raw.base.smsjobs.**Status**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>smsjobs.Status</i> | Telegram API type. |
|-----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>smsjobs.GetStatus</i> | Telegram API function. |
|--------------------------|------------------------|



## Stats

### stats.BroadcastStats

**class** hydrogram.raw.base.stats.**BroadcastStats**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>stats.BroadcastStats</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>stats.GetBroadcastStats</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### stats.MegagroupStats

**class** hydrogram.raw.base.stats.**MegagroupStats**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>stats.MegagroupStats</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>stats.GetMegagroupStats</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### stats.MessageStats

**class** hydrogram.raw.base.stats.**MessageStats**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>stats.MessageStats</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                              |
|------------------------------|
| <i>stats.GetMessageStats</i> |
|------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### stats.PublicForwards

**class** hydrogram.raw.base.stats.PublicForwards

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>stats.PublicForwards</i> | Telegram API type. |
|-----------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                                       |                        |
|---------------------------------------|------------------------|
| <i>stats.GetMessagePublicForwards</i> | Telegram API function. |
| <i>stats.GetStoryPublicForwards</i>   | Telegram API function. |

### stats.StoryStats

**class** hydrogram.raw.base.stats.StoryStats

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>stats.StoryStats</i> | Telegram API type. |
|-------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>stats.GetStoryStats</i> | Telegram API function. |
|----------------------------|------------------------|

## Stickers

### stickers.SuggestedShortName

**class** hydrogram.raw.base.stickers.SuggestedShortName

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>stickers.SuggestedShortName</i> | Telegram API type. |
|------------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>stickers.SuggestShortName</i> | Telegram API function. |
|----------------------------------|------------------------|

## Storage

### storage.FileType

**class** hydrogram.raw.base.storage.**FileType**

Telegram API base type.

**Constructors:**

This base type has 10 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>storage.FileGif</i>     | Telegram API type. |
| <i>storage.FileJpeg</i>    | Telegram API type. |
| <i>storage.FileMov</i>     | Telegram API type. |
| <i>storage.FileMp3</i>     | Telegram API type. |
| <i>storage.FileMp4</i>     | Telegram API type. |
| <i>storage.FilePartial</i> | Telegram API type. |
| <i>storage.FilePdf</i>     | Telegram API type. |
| <i>storage.FilePng</i>     | Telegram API type. |
| <i>storage.FileUnknown</i> | Telegram API type. |
| <i>storage.FileWebp</i>    | Telegram API type. |

## Stories

### stories.AllStories

**class** hydrogram.raw.base.stories.**AllStories**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>stories.AllStories</i>            | Telegram API type. |
| <i>stories.AllStoriesNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>stories.GetAllStories</i> | Telegram API function. |
|------------------------------|------------------------|

### stories.PeerStories

**class** hydrogram.raw.base.stories.**PeerStories**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>stories.PeerStories</i> | Telegram API type. |
|----------------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                               |                        |
|-------------------------------|------------------------|
| <i>stories.GetPeerStories</i> | Telegram API function. |
|-------------------------------|------------------------|

### stories.Stories

**class** hydrogram.raw.base.stories.Stories

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>stories.Stories</i> | Telegram API type. |
|------------------------|--------------------|

### Functions:

This object can be returned by 3 functions.

|                                  |                        |
|----------------------------------|------------------------|
| <i>stories.GetPinnedStories</i>  | Telegram API function. |
| <i>stories.GetStoriesArchive</i> | Telegram API function. |
| <i>stories.GetStoriesByID</i>    | Telegram API function. |

### stories.StoryReactionsList

**class** hydrogram.raw.base.stories.StoryReactionsList

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>stories.StoryReactionsList</i> | Telegram API type. |
|-----------------------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>stories.GetStoryReactionsList</i> | Telegram API function. |
|--------------------------------------|------------------------|

### stories.StoryViews

**class** hydrogram.raw.base.stories.StoryViews

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>stories.StoryViews</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <i>stories.GetStoriesViews</i> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**stories.StoryViewsList**

**class** hydrogram.raw.base.stories.StoryViewsList

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |
|-------------------------------|
| <i>stories.StoryViewsList</i> |
|-------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |
|----------------------------------|
| <i>stories.GetStoryViewsList</i> |
|----------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Updates****updates.ChannelDifference**

**class** hydrogram.raw.base.updates.ChannelDifference

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                  |
|----------------------------------|
| <i>updates.ChannelDifference</i> |
|----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                                       |
|---------------------------------------|
| <i>updates.ChannelDifferenceEmpty</i> |
|---------------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|   |
|---|
| <i>updates.ChannelDifferenceTooLong</i> |
|---|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                     |
|-------------------------------------|
| <i>updates.GetChannelDifference</i> |
|-------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## updates.Difference

**class** hydrogram.raw.base.updates.**Difference**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>updates.Difference</i>        | Telegram API type. |
| <i>updates.DifferenceEmpty</i>   | Telegram API type. |
| <i>updates.DifferenceSlice</i>   | Telegram API type. |
| <i>updates.DifferenceTooLong</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>updates.GetDifference</i> | Telegram API function. |
|------------------------------|------------------------|

## updates.State

**class** hydrogram.raw.base.updates.**State**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>updates.State</i> | Telegram API type. |
|----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                         |                        |
|-------------------------|------------------------|
| <i>updates.GetState</i> | Telegram API function. |
|-------------------------|------------------------|

## Upload

### upload.CdnFile

**class** hydrogram.raw.base.upload.**CdnFile**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>upload.CdnFile</i>               | Telegram API type. |
| <i>upload.CdnFileReuploadNeeded</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>upload.GetCdnFile</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**upload.File**

**class** hydrogram.raw.base.upload.**File**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                    |
|--------------------|
| <i>upload.File</i> |
|--------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                               |
|-------------------------------|
| <i>upload.FileCdnRedirect</i> |
|-------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                       |
|-----------------------|
| <i>upload.GetFile</i> |
|-----------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**upload.WebFile**

**class** hydrogram.raw.base.upload.**WebFile**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |
|-----------------------|
| <i>upload.WebFile</i> |
|-----------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |
|--------------------------|
| <i>upload.GetWebFile</i> |
|--------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

**Users****users.UserFull**

**class** hydrogram.raw.base.users.**UserFull**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <code>users.UserFull</code> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|                                |
|--------------------------------|
| <code>users.GetFullUser</code> |
|--------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## AccessPointRule

**class** hydrogram.raw.base.**AccessPointRule**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                              |
|------------------------------|
| <code>AccessPointRule</code> |
|------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## AccountDaysTTL

**class** hydrogram.raw.base.**AccountDaysTTL**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <code>AccountDaysTTL</code> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|                                    |
|------------------------------------|
| <code>account.GetAccountTTL</code> |
|------------------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## AppWebViewResult

**class** hydrogram.raw.base.**AppWebViewResult**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                  |
|----------------------------------|
| <code>AppWebViewResultUrl</code> |
|----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <code>messages.RequestAppWebView</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|



### AttachMenuBot

**class** hydrogram.raw.base.**AttachMenuBot**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>AttachMenuBot</i> | Telegram API type. |
|----------------------|--------------------|

### AttachMenuBotIcon

**class** hydrogram.raw.base.**AttachMenuBotIcon**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>AttachMenuBotIcon</i> | Telegram API type. |
|--------------------------|--------------------|

### AttachMenuBotIconColor

**class** hydrogram.raw.base.**AttachMenuBotIconColor**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>AttachMenuBotIconColor</i> | Telegram API type. |
|-------------------------------|--------------------|

### AttachMenuBots

**class** hydrogram.raw.base.**AttachMenuBots**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>AttachMenuBots</i>            | Telegram API type. |
| <i>AttachMenuBotsNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetAttachMenuBots</i> | Telegram API function. |
|-----------------------------------|------------------------|

### AttachMenuBotsBot

**class** hydrogram.raw.base.**AttachMenuBotsBot**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>AttachMenuBotsBot</i> | Telegram API type. |
|--------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.GetAttachMenuBot</i> | Telegram API function. |
|----------------------------------|------------------------|

### AttachMenuPeerType

**class** hydrogram.raw.base.**AttachMenuPeerType**

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>AttachMenuPeerTypeBotPM</i>     | Telegram API type. |
| <i>AttachMenuPeerTypeBroadcast</i> | Telegram API type. |
| <i>AttachMenuPeerTypeChat</i>      | Telegram API type. |
| <i>AttachMenuPeerTypePM</i>        | Telegram API type. |
| <i>AttachMenuPeerTypeSameBotPM</i> | Telegram API type. |

### Authorization

**class** hydrogram.raw.base.**Authorization**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>Authorization</i> | Telegram API type. |
|----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>auth.AcceptLoginToken</i> | Telegram API function. |
|------------------------------|------------------------|

### AutoDownloadSettings

**class** hydrogram.raw.base.**AutoDownloadSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>AutoDownloadSettings</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### AutoSaveException

**class** hydrogram.raw.base.**AutoSaveException**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>AutoSaveException</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### AutoSaveSettings

**class** hydrogram.raw.base.**AutoSaveSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>AutoSaveSettings</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### AvailableReaction

**class** hydrogram.raw.base.**AvailableReaction**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>AvailableReaction</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### BadMsgNotification

**class** hydrogram.raw.base.**BadMsgNotification**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>BadMsgNotification</i> | Telegram API type. |
| <i>BadServerSalt</i>      | Telegram API type. |

### BankCardOpenUrl

**class** hydrogram.raw.base.**BankCardOpenUrl**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>BankCardOpenUrl</i> | Telegram API type. |
|------------------------|--------------------|

### BaseTheme

**class** hydrogram.raw.base.**BaseTheme**

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>BaseThemeArctic</i>  | Telegram API type. |
| <i>BaseThemeClassic</i> | Telegram API type. |
| <i>BaseThemeDay</i>     | Telegram API type. |
| <i>BaseThemeNight</i>   | Telegram API type. |
| <i>BaseThemeTinted</i>  | Telegram API type. |

### BindAuthKeyInner

**class** hydrogram.raw.base.**BindAuthKeyInner**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>BindAuthKeyInner</i> | Telegram API type. |
|-------------------------|--------------------|

## Boost

**class** hydrogram.raw.base.**Boost**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|              |                    |
|--------------|--------------------|
| <i>Boost</i> | Telegram API type. |
|--------------|--------------------|

## BotApp

**class** hydrogram.raw.base.**BotApp**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>BotApp</i>            | Telegram API type. |
| <i>BotAppNotModified</i> | Telegram API type. |

## BotCommand

**class** hydrogram.raw.base.**BotCommand**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>BotCommand</i> | Telegram API type. |
|-------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>bots.GetBotCommands</i> | Telegram API function. |
|----------------------------|------------------------|

## BotCommandScope

**class** hydrogram.raw.base.**BotCommandScope**

Telegram API base type.

**Constructors:**

This base type has 7 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>BotCommandScopeChatAdmins</i> | Telegram API type. |
| <i>BotCommandScopeChats</i>      | Telegram API type. |
| <i>BotCommandScopeDefault</i>    | Telegram API type. |
| <i>BotCommandScopePeer</i>       | Telegram API type. |
| <i>BotCommandScopePeerAdmins</i> | Telegram API type. |
| <i>BotCommandScopePeerUser</i>   | Telegram API type. |
| <i>BotCommandScopeUsers</i>      | Telegram API type. |

## BotInfo

**class** hydrogram.raw.base.**BotInfo**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                |                    |
|----------------|--------------------|
| <i>BotInfo</i> | Telegram API type. |
|----------------|--------------------|

## BotInlineMessage

**class** hydrogram.raw.base.**BotInlineMessage**

Telegram API base type.

**Constructors:**

This base type has 7 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>BotInlineMessageMediaAuto</i>    | Telegram API type. |
| <i>BotInlineMessageMediaContact</i> | Telegram API type. |
| <i>BotInlineMessageMediaGeo</i>     | Telegram API type. |
| <i>BotInlineMessageMediaInvoice</i> | Telegram API type. |
| <i>BotInlineMessageMediaVenue</i>   | Telegram API type. |
| <i>BotInlineMessageMediaWebPage</i> | Telegram API type. |
| <i>BotInlineMessageText</i>         | Telegram API type. |

## BotInlineResult

**class** hydrogram.raw.base.**BotInlineResult**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>BotInlineMediaResult</i> | Telegram API type. |
| <i>BotInlineResult</i>      | Telegram API type. |

## BotMenuButton

**class** hydrogram.raw.base.**BotMenuButton**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>BotMenuButton</i>         | Telegram API type. |
| <i>BotMenuButtonCommands</i> | Telegram API type. |
| <i>BotMenuButtonDefault</i>  | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                              |                        |
|------------------------------|------------------------|
| <i>bots.GetBotMenuButton</i> | Telegram API function. |
|------------------------------|------------------------|

## BusinessAwayMessage

**class** hydrogram.raw.base.**BusinessAwayMessage**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>BusinessAwayMessage</i> | Telegram API type. |
|----------------------------|--------------------|

## BusinessAwayMessageSchedule

**class** hydrogram.raw.base.**BusinessAwayMessageSchedule**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|  |                    |
|--|--------------------|
| <i>BusinessAwayMessageScheduleAlways</i>       | Telegram API type. |
| <i>BusinessAwayMessageScheduleCustom</i>       | Telegram API type. |
| <i>BusinessAwayMessageScheduleOutsideWorkH</i> | Telegram API type. |

## BusinessGreetingMessage

**class** hydrogram.raw.base.**BusinessGreetingMessage**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>BusinessGreetingMessage</i> | Telegram API type. |
|--------------------------------|--------------------|

### BusinessLocation

**class** hydrogram.raw.base.**BusinessLocation**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>BusinessLocation</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### BusinessRecipients

**class** hydrogram.raw.base.**BusinessRecipients**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>BusinessRecipients</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### BusinessWeeklyOpen

**class** hydrogram.raw.base.**BusinessWeeklyOpen**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>BusinessWeeklyOpen</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### BusinessWorkHours

**class** hydrogram.raw.base.**BusinessWorkHours**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>BusinessWorkHours</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|



## CdnConfig

**class** hydrogram.raw.base.CdnConfig

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                  |                    |
|------------------|--------------------|
| <i>CdnConfig</i> | Telegram API type. |
|------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>help.GetCdnConfig</i> | Telegram API function. |
|--------------------------|------------------------|

## CdnPublicKey

**class** hydrogram.raw.base.CdnPublicKey

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>CdnPublicKey</i> | Telegram API type. |
|---------------------|--------------------|

## ChannelAdminLogEvent

**class** hydrogram.raw.base.ChannelAdminLogEvent

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>ChannelAdminLogEvent</i> | Telegram API type. |
|-----------------------------|--------------------|

## ChannelAdminLogEventAction

**class** hydrogram.raw.base.ChannelAdminLogEventAction

Telegram API base type.

**Constructors:**

This base type has 48 constructors available.

|  |                    |
|--|--------------------|
| <i>ChannelAdminLogEventActionChangeAbout</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeAvailab</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeEmojiSt</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeEmojiSt</i> | Telegram API type. |

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Table 14 – continued from previous page

|  |                    |
|--|--------------------|
| <i>ChannelAdminLogEventActionChangeHistory</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeLinkedC</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeLocatio</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangePeerCol</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangePhoto</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeProfile</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeSticker</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeTitle</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeUsernam</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeUsernam</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionChangeWallpap</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionCreateTopic</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionDefaultBanned</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionDeleteMessage</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionDeleteTopic</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionDiscardGroupC</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionEditMessage</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionEditTopic</i>     | Telegram API type. |
| <i>ChannelAdminLogEventActionExportedInvit</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionExportedInvit</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionExportedInvit</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantIn</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantJo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantJo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantJo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantLe</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantMu</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantTo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantTo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantUn</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionParticipantVo</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionPinTopic</i>      | Telegram API type. |
| <i>ChannelAdminLogEventActionSendMessage</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionStartGroupCal</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionStopPoll</i>      | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleAntiSpa</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleForum</i>   | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleGroupCa</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleInvites</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleNoForwa</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionTogglePreHist</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleSignatu</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionToggleSlowMod</i> | Telegram API type. |
| <i>ChannelAdminLogEventActionUpdatePinned</i>  | Telegram API type. |

### ChannelAdminLogEventsFilter

**class** hydrogram.raw.base.ChannelAdminLogEventsFilter

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>ChannelAdminLogEventsFilter</i> | Telegram API type. |
|------------------------------------|--------------------|

### ChannelLocation

**class** hydrogram.raw.base.ChannelLocation

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>ChannelLocation</i>      | Telegram API type. |
| <i>ChannelLocationEmpty</i> | Telegram API type. |

### ChannelMessagesFilter

**class** hydrogram.raw.base.ChannelMessagesFilter

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>ChannelMessagesFilter</i>      | Telegram API type. |
| <i>ChannelMessagesFilterEmpty</i> | Telegram API type. |

### ChannelParticipant

**class** hydrogram.raw.base.ChannelParticipant

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>ChannelParticipant</i>        | Telegram API type. |
| <i>ChannelParticipantAdmin</i>   | Telegram API type. |
| <i>ChannelParticipantBanned</i>  | Telegram API type. |
| <i>ChannelParticipantCreator</i> | Telegram API type. |
| <i>ChannelParticipantLeft</i>    | Telegram API type. |
| <i>ChannelParticipantSelf</i>    | Telegram API type. |

## ChannelParticipantsFilter

**class** hydrogram.raw.base.ChannelParticipantsFilter

Telegram API base type.

**Constructors:**

This base type has 8 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>ChannelParticipantsAdmins</i>   | Telegram API type. |
| <i>ChannelParticipantsBanned</i>   | Telegram API type. |
| <i>ChannelParticipantsBots</i>     | Telegram API type. |
| <i>ChannelParticipantsContacts</i> | Telegram API type. |
| <i>ChannelParticipantsKicked</i>   | Telegram API type. |
| <i>ChannelParticipantsMentions</i> | Telegram API type. |
| <i>ChannelParticipantsRecent</i>   | Telegram API type. |
| <i>ChannelParticipantsSearch</i>   | Telegram API type. |

## Chat

**class** hydrogram.raw.base.Chat

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>Channel</i>          | Telegram API type. |
| <i>ChannelForbidden</i> | Telegram API type. |
| <i>Chat</i>             | Telegram API type. |
| <i>ChatEmpty</i>        | Telegram API type. |
| <i>ChatForbidden</i>    | Telegram API type. |

## ChatAdminRights

**class** hydrogram.raw.base.ChatAdminRights

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>ChatAdminRights</i> | Telegram API type. |
|------------------------|--------------------|

### ChatAdminWithInvites

**class** hydrogram.raw.base.ChatAdminWithInvites

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>ChatAdminWithInvites</i> | Telegram API type. |
|-----------------------------|--------------------|

### ChatBannedRights

**class** hydrogram.raw.base.ChatBannedRights

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>ChatBannedRights</i> | Telegram API type. |
|-------------------------|--------------------|

### ChatFull

**class** hydrogram.raw.base.ChatFull

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                    |                    |
|--------------------|--------------------|
| <i>ChannelFull</i> | Telegram API type. |
| <i>ChatFull</i>    | Telegram API type. |

### ChatInvite

**class** hydrogram.raw.base.ChatInvite

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>ChatInvite</i>        | Telegram API type. |
| <i>ChatInviteAlready</i> | Telegram API type. |
| <i>ChatInvitePeek</i>    | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                 |                        |
|---------------------------------|------------------------|
| <i>messages.CheckChatInvite</i> | Telegram API function. |
|---------------------------------|------------------------|

### ChatInviteImporter

**class** hydrogram.raw.base.ChatInviteImporter

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>ChatInviteImporter</i> | Telegram API type. |
|---------------------------|--------------------|

### ChatOnlines

**class** hydrogram.raw.base.ChatOnlines

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>ChatOnlines</i> | Telegram API type. |
|--------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>messages.GetOnlines</i> | Telegram API function. |
|----------------------------|------------------------|

### ChatParticipant

**class** hydrogram.raw.base.ChatParticipant

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>ChatParticipant</i>        | Telegram API type. |
| <i>ChatParticipantAdmin</i>   | Telegram API type. |
| <i>ChatParticipantCreator</i> | Telegram API type. |

### ChatParticipants

**class** hydrogram.raw.base.ChatParticipants

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>ChatParticipants</i>          | Telegram API type. |
| <i>ChatParticipantsForbidden</i> | Telegram API type. |

## ChatPhoto

**class** hydrogram.raw.base.ChatPhoto

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                       |                    |
|-----------------------|--------------------|
| <i>ChatPhoto</i>      | Telegram API type. |
| <i>ChatPhotoEmpty</i> | Telegram API type. |

## ChatReactions

**class** hydrogram.raw.base.ChatReactions

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>ChatReactionsAll</i>  | Telegram API type. |
| <i>ChatReactionsNone</i> | Telegram API type. |
| <i>ChatReactionsSome</i> | Telegram API type. |

## ClientDHInnerData

**class** hydrogram.raw.base.ClientDHInnerData

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>ClientDHInnerData</i> | Telegram API type. |
|--------------------------|--------------------|

## CodeSettings

**class** hydrogram.raw.base.CodeSettings

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>CodeSettings</i> | Telegram API type. |
|---------------------|--------------------|

### Config

**class** hydrogram.raw.base.**Config**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|               |                    |
|---------------|--------------------|
| <i>Config</i> | Telegram API type. |
|---------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                       |                        |
|-----------------------|------------------------|
| <i>help.GetConfig</i> | Telegram API function. |
|-----------------------|------------------------|

### ConnectedBot

**class** hydrogram.raw.base.**ConnectedBot**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>ConnectedBot</i> | Telegram API type. |
|---------------------|--------------------|

### Contact

**class** hydrogram.raw.base.**Contact**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                |                    |
|----------------|--------------------|
| <i>Contact</i> | Telegram API type. |
|----------------|--------------------|

### ContactStatus

**class** hydrogram.raw.base.**ContactStatus**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>ContactStatus</i> | Telegram API type. |
|----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.



*contacts.GetStatuses*

Telegram API function.

## DataJSON

**class** hydrogram.raw.base.DataJSON

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*DataJSON*

Telegram API type.

**Functions:**

This object can be returned by 3 functions.

*bots.SendCustomRequest*

Telegram API function.

*bots.InvokeWebViewCustomMethod*

Telegram API function.

*phone.GetCallConfig*

Telegram API function.

## DcOption

**class** hydrogram.raw.base.DcOption

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*DcOption*

Telegram API type.

## DefaultHistoryTTL

**class** hydrogram.raw.base.DefaultHistoryTTL

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*DefaultHistoryTTL*

Telegram API type.

**Functions:**

This object can be returned by 1 function.

*messages.GetDefaultHistoryTTL*

Telegram API function.

## DestroyAuthKeyRes

**class** hydrogram.raw.base.DestroyAuthKeyRes

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>DestroyAuthKeyFail</i> | Telegram API type. |
| <i>DestroyAuthKeyNone</i> | Telegram API type. |
| <i>DestroyAuthKeyOk</i>   | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                       |                        |
|-----------------------|------------------------|
| <i>DestroyAuthKey</i> | Telegram API function. |
|-----------------------|------------------------|

## DestroySessionRes

**class** hydrogram.raw.base.DestroySessionRes

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>DestroySessionNone</i> | Telegram API type. |
| <i>DestroySessionOk</i>   | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                       |                        |
|-----------------------|------------------------|
| <i>DestroySession</i> | Telegram API function. |
|-----------------------|------------------------|

## Dialog

**class** hydrogram.raw.base.Dialog

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                     |                    |
|---------------------|--------------------|
| <i>Dialog</i>       | Telegram API type. |
| <i>DialogFolder</i> | Telegram API type. |

## DialogFilter

**class** hydrogram.raw.base.DialogFilter

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>DialogFilter</i>         | Telegram API type. |
| <i>DialogFilterChatlist</i> | Telegram API type. |
| <i>DialogFilterDefault</i>  | Telegram API type. |

## DialogFilterSuggested

**class** hydrogram.raw.base.DialogFilterSuggested

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>DialogFilterSuggested</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>messages.GetSuggestedDialogFilters</i> | Telegram API function. |
|---|------------------------|

## DialogPeer

**class** hydrogram.raw.base.DialogPeer

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>DialogPeer</i>       | Telegram API type. |
| <i>DialogPeerFolder</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.GetDialogUnreadMarks</i> | Telegram API function. |
|--------------------------------------|------------------------|

## Document

**class** hydrogram.raw.base.Document

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                      |                    |
|----------------------|--------------------|
| <i>Document</i>      | Telegram API type. |
| <i>DocumentEmpty</i> | Telegram API type. |

**Functions:**

This object can be returned by 4 functions.

|   |                        |
|---|------------------------|
| <i>account.UploadTheme</i>              | Telegram API function. |
| <i>account.UploadRingtone</i>           | Telegram API function. |
| <i>messages.GetDocumentByHash</i>       | Telegram API function. |
| <i>messages.GetCustomEmojiDocuments</i> | Telegram API function. |

## DocumentAttribute

**class** hydrogram.raw.base.DocumentAttribute

Telegram API base type.

**Constructors:**

This base type has 8 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>DocumentAttributeAnimated</i>    | Telegram API type. |
| <i>DocumentAttributeAudio</i>       | Telegram API type. |
| <i>DocumentAttributeCustomEmoji</i> | Telegram API type. |
| <i>DocumentAttributeFilename</i>    | Telegram API type. |
| <i>DocumentAttributeHasStickers</i> | Telegram API type. |
| <i>DocumentAttributeImageSize</i>   | Telegram API type. |
| <i>DocumentAttributeSticker</i>     | Telegram API type. |
| <i>DocumentAttributeVideo</i>       | Telegram API type. |

## DraftMessage

**class** hydrogram.raw.base.DraftMessage

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>DraftMessage</i>      | Telegram API type. |
| <i>DraftMessageEmpty</i> | Telegram API type. |

## EmailVerification

**class** hydrogram.raw.base.**EmailVerification**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>EmailVerificationApple</i>  | Telegram API type. |
| <i>EmailVerificationCode</i>   | Telegram API type. |
| <i>EmailVerificationGoogle</i> | Telegram API type. |

## EmailVerifyPurpose

**class** hydrogram.raw.base.**EmailVerifyPurpose**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>EmailVerifyPurposeLoginChange</i> | Telegram API type. |
| <i>EmailVerifyPurposeLoginSetup</i>  | Telegram API type. |
| <i>EmailVerifyPurposePassport</i>    | Telegram API type. |

## EmojiGroup

**class** hydrogram.raw.base.**EmojiGroup**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>EmojiGroup</i> | Telegram API type. |
|-------------------|--------------------|

## EmojiKeyword

**class** hydrogram.raw.base.**EmojiKeyword**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>EmojiKeyword</i>        | Telegram API type. |
| <i>EmojiKeywordDeleted</i> | Telegram API type. |

### EmojiKeywordsDifference

**class** hydrogram.raw.base.EmojiKeywordsDifference

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>EmojiKeywordsDifference</i> | Telegram API type. |
|--------------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|  |                        |
|--|------------------------|
| <i>messages.GetEmojiKeywords</i>           | Telegram API function. |
| <i>messages.GetEmojiKeywordsDifference</i> | Telegram API function. |

### EmojiLanguage

**class** hydrogram.raw.base.EmojiLanguage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>EmojiLanguage</i> | Telegram API type. |
|----------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |                        |
|---|------------------------|
| <i>messages.GetEmojiKeywordsLanguages</i> | Telegram API function. |
|---|------------------------|

### EmojiList

**class** hydrogram.raw.base.EmojiList

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>EmojiList</i>            | Telegram API type. |
| <i>EmojiListNotModified</i> | Telegram API type. |

**Functions:**

This object can be returned by 5 functions.

|  |                        |
|--|------------------------|
| <i>account.GetDefaultProfilePhotoEmojis</i>    | Telegram API function. |
| <i>account.GetDefaultGroupPhotoEmojis</i>      | Telegram API function. |
| <i>account.GetDefaultBackgroundEmojis</i>      | Telegram API function. |
| <i>account.GetChannelRestrictedStatusEmoji</i> | Telegram API function. |
| <i>messages.SearchCustomEmoji</i>              | Telegram API function. |

## EmojiStatus

**class** hydrogram.raw.base.**EmojiStatus**

Telegram API base type.

### Constructors:

This base type has 3 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>EmojiStatus</i>      | Telegram API type. |
| <i>EmojiStatusEmpty</i> | Telegram API type. |
| <i>EmojiStatusUntil</i> | Telegram API type. |

## EmojiURL

**class** hydrogram.raw.base.**EmojiURL**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>EmojiURL</i> | Telegram API type. |
|-----------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                             |                        |
|-----------------------------|------------------------|
| <i>messages.GetEmojiURL</i> | Telegram API function. |
|-----------------------------|------------------------|

## EncryptedChat

**class** hydrogram.raw.base.**EncryptedChat**

Telegram API base type.

### Constructors:

This base type has 5 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>EncryptedChat</i>          | Telegram API type. |
| <i>EncryptedChatDiscarded</i> | Telegram API type. |
| <i>EncryptedChatEmpty</i>     | Telegram API type. |
| <i>EncryptedChatRequested</i> | Telegram API type. |
| <i>EncryptedChatWaiting</i>   | Telegram API type. |

### Functions:

This object can be returned by 2 functions.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.RequestEncryption</i> | Telegram API function. |
| <i>messages.AcceptEncryption</i>  | Telegram API function. |

## EncryptedFile

**class** hydrogram.raw.base.**EncryptedFile**

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>EncryptedFile</i>      | Telegram API type. |
| <i>EncryptedFileEmpty</i> | Telegram API type. |

### Functions:

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.UploadEncryptedFile</i> | Telegram API function. |
|-------------------------------------|------------------------|

## EncryptedMessage

**class** hydrogram.raw.base.**EncryptedMessage**

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>EncryptedMessage</i>        | Telegram API type. |
| <i>EncryptedMessageService</i> | Telegram API type. |

## ExportedChatInvite

**class** hydrogram.raw.base.**ExportedChatInvite**

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>ChatInviteExported</i>           | Telegram API type. |
| <i>ChatInvitePublicJoinRequests</i> | Telegram API type. |

### Functions:

This object can be returned by 1 function.



|  |
|--|
| <code>messages.ExportChatInvite</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ExportedChatlistInvite

**class** hydrogram.raw.base.**ExportedChatlistInvite**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                     |
|-------------------------------------|
| <code>ExportedChatlistInvite</code> |
|-------------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <code>chatlists.EditExportedInvite</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ExportedContactToken

**class** hydrogram.raw.base.**ExportedContactToken**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                   |
|-----------------------------------|
| <code>ExportedContactToken</code> |
|-----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|  |
|--|
| <code>contacts.ExportContactToken</code> |
|--|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

## ExportedMessageLink

**class** hydrogram.raw.base.**ExportedMessageLink**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                                  |
|----------------------------------|
| <code>ExportedMessageLink</code> |
|----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Functions:

This object can be returned by 1 function.

|   |
|---|
| <code>channels.ExportMessageLink</code> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### ExportedStoryLink

**class** hydrogram.raw.base.**ExportedStoryLink**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>ExportedStoryLink</i> | Telegram API type. |
|--------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>stories.ExportStoryLink</i> | Telegram API function. |
|--------------------------------|------------------------|

### FileHash

**class** hydrogram.raw.base.**FileHash**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>FileHash</i> | Telegram API type. |
|-----------------|--------------------|

**Functions:**

This object can be returned by 3 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>upload.ReuploadCdnFile</i>  | Telegram API function. |
| <i>upload.GetCdnFileHashes</i> | Telegram API function. |
| <i>upload.GetFileHashes</i>    | Telegram API function. |

### Folder

**class** hydrogram.raw.base.**Folder**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|               |                    |
|---------------|--------------------|
| <i>Folder</i> | Telegram API type. |
|---------------|--------------------|

## FolderPeer

**class** hydrogram.raw.base.**FolderPeer**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>FolderPeer</i> | Telegram API type. |
|-------------------|--------------------|

## ForumTopic

**class** hydrogram.raw.base.**ForumTopic**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>ForumTopic</i>        | Telegram API type. |
| <i>ForumTopicDeleted</i> | Telegram API type. |

## Game

**class** hydrogram.raw.base.**Game**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|             |                    |
|-------------|--------------------|
| <i>Game</i> | Telegram API type. |
|-------------|--------------------|

## GeoPoint

**class** hydrogram.raw.base.**GeoPoint**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                      |                    |
|----------------------|--------------------|
| <i>GeoPoint</i>      | Telegram API type. |
| <i>GeoPointEmpty</i> | Telegram API type. |

### GlobalPrivacySettings

**class** hydrogram.raw.base.GlobalPrivacySettings

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>GlobalPrivacySettings</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|   |                        |
|---|------------------------|
| <i>account.GetGlobalPrivacySettings</i> | Telegram API function. |
| <i>account.SetGlobalPrivacySettings</i> | Telegram API function. |

### GroupCall

**class** hydrogram.raw.base.GroupCall

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>GroupCall</i>          | Telegram API type. |
| <i>GroupCallDiscarded</i> | Telegram API type. |

### GroupCallParticipant

**class** hydrogram.raw.base.GroupCallParticipant

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>GroupCallParticipant</i> | Telegram API type. |
|-----------------------------|--------------------|

### GroupCallParticipantVideo

**class** hydrogram.raw.base.GroupCallParticipantVideo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>GroupCallParticipantVideo</i> | Telegram API type. |
|----------------------------------|--------------------|

### GroupCallParticipantVideoSourceGroup

**class** hydrogram.raw.base.**GroupCallParticipantVideoSourceGroup**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|   |                    |
|---|--------------------|
| <i>GroupCallParticipantVideoSourceGroup</i> | Telegram API type. |
|---|--------------------|

### GroupCallStreamChannel

**class** hydrogram.raw.base.**GroupCallStreamChannel**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>GroupCallStreamChannel</i> | Telegram API type. |
|-------------------------------|--------------------|

### HighScore

**class** hydrogram.raw.base.**HighScore**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                  |                    |
|------------------|--------------------|
| <i>HighScore</i> | Telegram API type. |
|------------------|--------------------|

### HttpWait

**class** hydrogram.raw.base.**HttpWait**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>HttpWait</i> | Telegram API type. |
|-----------------|--------------------|

## ImportedContact

**class** hydrogram.raw.base.**ImportedContact**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>ImportedContact</i> | Telegram API type. |
|------------------------|--------------------|

## InlineBotSwitchPM

**class** hydrogram.raw.base.**InlineBotSwitchPM**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>InlineBotSwitchPM</i> | Telegram API type. |
|--------------------------|--------------------|

## InlineBotWebView

**class** hydrogram.raw.base.**InlineBotWebView**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>InlineBotWebView</i> | Telegram API type. |
|-------------------------|--------------------|

## InlineQueryPeerType

**class** hydrogram.raw.base.**InlineQueryPeerType**

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>InlineQueryPeerTypeBotPM</i>     | Telegram API type. |
| <i>InlineQueryPeerTypeBroadcast</i> | Telegram API type. |
| <i>InlineQueryPeerTypeChat</i>      | Telegram API type. |
| <i>InlineQueryPeerTypeMegagroup</i> | Telegram API type. |
| <i>InlineQueryPeerTypePM</i>        | Telegram API type. |
| <i>InlineQueryPeerTypeSameBotPM</i> | Telegram API type. |

## InputAppEvent

**class** hydrogram.raw.base.**InputAppEvent**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>InputAppEvent</i> | Telegram API type. |
|----------------------|--------------------|

## InputBotApp

**class** hydrogram.raw.base.**InputBotApp**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>InputBotAppID</i>        | Telegram API type. |
| <i>InputBotAppShortName</i> | Telegram API type. |

## InputBotInlineMessage

**class** hydrogram.raw.base.**InputBotInlineMessage**

Telegram API base type.

**Constructors:**

This base type has 8 constructors available.

|  |                    |
|--|--------------------|
| <i>InputBotInlineMessageGame</i>         | Telegram API type. |
| <i>InputBotInlineMessageMediaAuto</i>    | Telegram API type. |
| <i>InputBotInlineMessageMediaContact</i> | Telegram API type. |
| <i>InputBotInlineMessageMediaGeo</i>     | Telegram API type. |
| <i>InputBotInlineMessageMediaInvoice</i> | Telegram API type. |
| <i>InputBotInlineMessageMediaVenue</i>   | Telegram API type. |
| <i>InputBotInlineMessageMediaWebPage</i> | Telegram API type. |
| <i>InputBotInlineMessageText</i>         | Telegram API type. |

## InputBotInlineMessageID

**class** hydrogram.raw.base.**InputBotInlineMessageID**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>InputBotInlineMessageID</i>   | Telegram API type. |
| <i>InputBotInlineMessageID64</i> | Telegram API type. |

### InputBotInlineResult

**class** hydrogram.raw.base.**InputBotInlineResult**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>InputBotInlineResult</i>         | Telegram API type. |
| <i>InputBotInlineResultDocument</i> | Telegram API type. |
| <i>InputBotInlineResultGame</i>     | Telegram API type. |
| <i>InputBotInlineResultPhoto</i>    | Telegram API type. |

### InputBusinessAwayMessage

**class** hydrogram.raw.base.**InputBusinessAwayMessage**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>InputBusinessAwayMessage</i> | Telegram API type. |
|---------------------------------|--------------------|

### InputBusinessGreetingMessage

**class** hydrogram.raw.base.**InputBusinessGreetingMessage**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>InputBusinessGreetingMessage</i> | Telegram API type. |
|-------------------------------------|--------------------|

### InputBusinessRecipients

**class** hydrogram.raw.base.**InputBusinessRecipients**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>InputBusinessRecipients</i> | Telegram API type. |
|--------------------------------|--------------------|



## InputChannel

**class** hydrogram.raw.base.**InputChannel**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>InputChannel</i>            | Telegram API type. |
| <i>InputChannelEmpty</i>       | Telegram API type. |
| <i>InputChannelFromMessage</i> | Telegram API type. |

## InputChatPhoto

**class** hydrogram.raw.base.**InputChatPhoto**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>InputChatPhoto</i>         | Telegram API type. |
| <i>InputChatPhotoEmpty</i>    | Telegram API type. |
| <i>InputChatUploadedPhoto</i> | Telegram API type. |

## InputChatlist

**class** hydrogram.raw.base.**InputChatlist**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>InputChatlistDialogFilter</i> | Telegram API type. |
|----------------------------------|--------------------|

## InputCheckPasswordSRP

**class** hydrogram.raw.base.**InputCheckPasswordSRP**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>InputCheckPasswordEmpty</i> | Telegram API type. |
| <i>InputCheckPasswordSRP</i>   | Telegram API type. |

### InputClientProxy

**class** hydrogram.raw.base.**InputClientProxy**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>InputClientProxy</i> | Telegram API type. |
|-------------------------|--------------------|

### InputContact

**class** hydrogram.raw.base.**InputContact**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>InputPhoneContact</i> | Telegram API type. |
|--------------------------|--------------------|

### InputDialogPeer

**class** hydrogram.raw.base.**InputDialogPeer**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>InputDialogPeer</i>       | Telegram API type. |
| <i>InputDialogPeerFolder</i> | Telegram API type. |

### InputDocument

**class** hydrogram.raw.base.**InputDocument**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>InputDocument</i>      | Telegram API type. |
| <i>InputDocumentEmpty</i> | Telegram API type. |

## InputEncryptedChat

**class** hydrogram.raw.base.**InputEncryptedChat**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>InputEncryptedChat</i> | Telegram API type. |
|---------------------------|--------------------|

## InputEncryptedFile

**class** hydrogram.raw.base.**InputEncryptedFile**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>InputEncryptedFile</i>            | Telegram API type. |
| <i>InputEncryptedFileBigUploaded</i> | Telegram API type. |
| <i>InputEncryptedFileEmpty</i>       | Telegram API type. |
| <i>InputEncryptedFileUploaded</i>    | Telegram API type. |

## InputFile

**class** hydrogram.raw.base.**InputFile**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                     |                    |
|---------------------|--------------------|
| <i>InputFile</i>    | Telegram API type. |
| <i>InputFileBig</i> | Telegram API type. |

## InputFileLocation

**class** hydrogram.raw.base.**InputFileLocation**

Telegram API base type.

**Constructors:**

This base type has 10 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>InputDocumentFileLocation</i>    | Telegram API type. |
| <i>InputEncryptedFileLocation</i>   | Telegram API type. |
| <i>InputFileLocation</i>            | Telegram API type. |
| <i>InputGroupCallStream</i>         | Telegram API type. |
| <i>InputPeerPhotoFileLocation</i>   | Telegram API type. |
| <i>InputPhotoFileLocation</i>       | Telegram API type. |
| <i>InputPhotoLegacyFileLocation</i> | Telegram API type. |
| <i>InputSecureFileLocation</i>      | Telegram API type. |
| <i>InputStickerSetThumb</i>         | Telegram API type. |
| <i>InputTakeoutFileLocation</i>     | Telegram API type. |

### InputFolderPeer

**class** hydrogram.raw.base.**InputFolderPeer**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>InputFolderPeer</i> | Telegram API type. |
|------------------------|--------------------|

### InputGame

**class** hydrogram.raw.base.**InputGame**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>InputGameID</i>        | Telegram API type. |
| <i>InputGameShortName</i> | Telegram API type. |

### InputGeoPoint

**class** hydrogram.raw.base.**InputGeoPoint**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>InputGeoPoint</i>      | Telegram API type. |
| <i>InputGeoPointEmpty</i> | Telegram API type. |

## InputGroupCall

**class** hydrogram.raw.base.**InputGroupCall**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>InputGroupCall</i> | Telegram API type. |
|-----------------------|--------------------|

## InputInvoice

**class** hydrogram.raw.base.**InputInvoice**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>InputInvoiceMessage</i>         | Telegram API type. |
| <i>InputInvoicePremiumGiftCode</i> | Telegram API type. |
| <i>InputInvoiceSlug</i>            | Telegram API type. |

## InputMedia

**class** hydrogram.raw.base.**InputMedia**

Telegram API base type.

**Constructors:**

This base type has 17 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>InputMediaContact</i>          | Telegram API type. |
| <i>InputMediaDice</i>             | Telegram API type. |
| <i>InputMediaDocument</i>         | Telegram API type. |
| <i>InputMediaDocumentExternal</i> | Telegram API type. |
| <i>InputMediaEmpty</i>            | Telegram API type. |
| <i>InputMediaGame</i>             | Telegram API type. |
| <i>InputMediaGeoLive</i>          | Telegram API type. |
| <i>InputMediaGeoPoint</i>         | Telegram API type. |
| <i>InputMediaInvoice</i>          | Telegram API type. |
| <i>InputMediaPhoto</i>            | Telegram API type. |
| <i>InputMediaPhotoExternal</i>    | Telegram API type. |
| <i>InputMediaPoll</i>             | Telegram API type. |
| <i>InputMediaStory</i>            | Telegram API type. |
| <i>InputMediaUploadedDocument</i> | Telegram API type. |
| <i>InputMediaUploadedPhoto</i>    | Telegram API type. |
| <i>InputMediaVenue</i>            | Telegram API type. |
| <i>InputMediaWebPage</i>          | Telegram API type. |

## InputMessage

**class** hydrogram.raw.base.**InputMessage**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>InputMessageCallbackQuery</i> | Telegram API type. |
| <i>InputMessageID</i>            | Telegram API type. |
| <i>InputMessagePinned</i>        | Telegram API type. |
| <i>InputMessageReplyTo</i>       | Telegram API type. |

## InputNotifyPeer

**class** hydrogram.raw.base.**InputNotifyPeer**

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>InputNotifyBroadcasts</i> | Telegram API type. |
| <i>InputNotifyChats</i>      | Telegram API type. |
| <i>InputNotifyForumTopic</i> | Telegram API type. |
| <i>InputNotifyPeer</i>       | Telegram API type. |
| <i>InputNotifyUsers</i>      | Telegram API type. |

## InputPaymentCredentials

**class** hydrogram.raw.base.**InputPaymentCredentials**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|   |                    |
|---|--------------------|
| <i>InputPaymentCredentials</i>          | Telegram API type. |
| <i>InputPaymentCredentialsApplePay</i>  | Telegram API type. |
| <i>InputPaymentCredentialsGooglePay</i> | Telegram API type. |
| <i>InputPaymentCredentialsSaved</i>     | Telegram API type. |

## InputPeer

**class** hydrogram.raw.base.**InputPeer**

Telegram API base type.

**Constructors:**

This base type has 7 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>InputPeerChannel</i>            | Telegram API type. |
| <i>InputPeerChannelFromMessage</i> | Telegram API type. |
| <i>InputPeerChat</i>               | Telegram API type. |
| <i>InputPeerEmpty</i>              | Telegram API type. |
| <i>InputPeerSelf</i>               | Telegram API type. |
| <i>InputPeerUser</i>               | Telegram API type. |
| <i>InputPeerUserFromMessage</i>    | Telegram API type. |

### InputPeerNotifySettings

**class** hydrogram.raw.base.**InputPeerNotifySettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                |                    |
|--------------------------------|--------------------|
| <i>InputPeerNotifySettings</i> | Telegram API type. |
|--------------------------------|--------------------|

### InputPhoneCall

**class** hydrogram.raw.base.**InputPhoneCall**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>InputPhoneCall</i> | Telegram API type. |
|-----------------------|--------------------|

### InputPhoto

**class** hydrogram.raw.base.**InputPhoto**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>InputPhoto</i>      | Telegram API type. |
| <i>InputPhotoEmpty</i> | Telegram API type. |

## InputPrivacyKey

**class** hydrogram.raw.base.**InputPrivacyKey**

Telegram API base type.

**Constructors:**

This base type has 10 constructors available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>InputPrivacyKeyAbout</i>           | Telegram API type. |
| <i>InputPrivacyKeyAddedByPhone</i>    | Telegram API type. |
| <i>InputPrivacyKeyChatInvite</i>      | Telegram API type. |
| <i>InputPrivacyKeyForwards</i>        | Telegram API type. |
| <i>InputPrivacyKeyPhoneCall</i>       | Telegram API type. |
| <i>InputPrivacyKeyPhoneNumber</i>     | Telegram API type. |
| <i>InputPrivacyKeyPhoneP2P</i>        | Telegram API type. |
| <i>InputPrivacyKeyProfilePhoto</i>    | Telegram API type. |
| <i>InputPrivacyKeyStatusTimestamp</i> | Telegram API type. |
| <i>InputPrivacyKeyVoiceMessages</i>   | Telegram API type. |

## InputPrivacyRule

**class** hydrogram.raw.base.**InputPrivacyRule**

Telegram API base type.

**Constructors:**

This base type has 9 constructors available.

|  |                    |
|--|--------------------|
| <i>InputPrivacyValueAllowAll</i>               | Telegram API type. |
| <i>InputPrivacyValueAllowChatParticipants</i>  | Telegram API type. |
| <i>InputPrivacyValueAllowCloseFriends</i>      | Telegram API type. |
| <i>InputPrivacyValueAllowContacts</i>          | Telegram API type. |
| <i>InputPrivacyValueAllowUsers</i>             | Telegram API type. |
| <i>InputPrivacyValueDisallowAll</i>            | Telegram API type. |
| <i>InputPrivacyValueDisallowChatParticipan</i> | Telegram API type. |
| <i>InputPrivacyValueDisallowContacts</i>       | Telegram API type. |
| <i>InputPrivacyValueDisallowUsers</i>          | Telegram API type. |

## InputQuickReplyShortcut

**class** hydrogram.raw.base.**InputQuickReplyShortcut**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>InputQuickReplyShortcut</i>   | Telegram API type. |
| <i>InputQuickReplyShortcutId</i> | Telegram API type. |



## InputReplyTo

**class** hydrogram.raw.base.**InputReplyTo**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>InputReplyToMessage</i> | Telegram API type. |
| <i>InputReplyToStory</i>   | Telegram API type. |

## InputSecureFile

**class** hydrogram.raw.base.**InputSecureFile**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>InputSecureFile</i>         | Telegram API type. |
| <i>InputSecureFileUploaded</i> | Telegram API type. |

## InputSecureValue

**class** hydrogram.raw.base.**InputSecureValue**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>InputSecureValue</i> | Telegram API type. |
|-------------------------|--------------------|

## InputSingleMedia

**class** hydrogram.raw.base.**InputSingleMedia**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>InputSingleMedia</i> | Telegram API type. |
|-------------------------|--------------------|

## InputStickerSet

**class** hydrogram.raw.base.**InputStickerSet**

Telegram API base type.

**Constructors:**

This base type has 11 constructors available.

|  |                    |
|--|--------------------|
| <i>InputStickerSetAnimatedEmoji</i>            | Telegram API type. |
| <i>InputStickerSetAnimatedEmojiAnimations</i>  | Telegram API type. |
| <i>InputStickerSetDice</i>                     | Telegram API type. |
| <i>InputStickerSetEmojiChannelDefaultStatu</i> | Telegram API type. |
| <i>InputStickerSetEmojiDefaultStatuses</i>     | Telegram API type. |
| <i>InputStickerSetEmojiDefaultTopicIcons</i>   | Telegram API type. |
| <i>InputStickerSetEmojiGenericAnimations</i>   | Telegram API type. |
| <i>InputStickerSetEmpty</i>                    | Telegram API type. |
| <i>InputStickerSetID</i>                       | Telegram API type. |
| <i>InputStickerSetPremiumGifts</i>             | Telegram API type. |
| <i>InputStickerSetShortName</i>                | Telegram API type. |

## InputStickerSetItem

**class** hydrogram.raw.base.**InputStickerSetItem**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>InputStickerSetItem</i> | Telegram API type. |
|----------------------------|--------------------|

## InputStickeredMedia

**class** hydrogram.raw.base.**InputStickeredMedia**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>InputStickeredMediaDocument</i> | Telegram API type. |
| <i>InputStickeredMediaPhoto</i>    | Telegram API type. |

## InputStorePaymentPurpose

**class** hydrogram.raw.base.**InputStorePaymentPurpose**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|   |                    |
|---|--------------------|
| <i>InputStorePaymentGiftPremium</i>         | Telegram API type. |
| <i>InputStorePaymentPremiumGiftCode</i>     | Telegram API type. |
| <i>InputStorePaymentPremiumGiveaway</i>     | Telegram API type. |
| <i>InputStorePaymentPremiumSubscription</i> | Telegram API type. |

## InputTheme

**class** hydrogram.raw.base.**InputTheme**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                       |                    |
|-----------------------|--------------------|
| <i>InputTheme</i>     | Telegram API type. |
| <i>InputThemeSlug</i> | Telegram API type. |

## InputThemeSettings

**class** hydrogram.raw.base.**InputThemeSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>InputThemeSettings</i> | Telegram API type. |
|---------------------------|--------------------|

## InputUser

**class** hydrogram.raw.base.**InputUser**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>InputUser</i>            | Telegram API type. |
| <i>InputUserEmpty</i>       | Telegram API type. |
| <i>InputUserFromMessage</i> | Telegram API type. |
| <i>InputUserSelf</i>        | Telegram API type. |

## InputWallPaper

**class** hydrogram.raw.base.**InputWallPaper**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>InputWallPaper</i>       | Telegram API type. |
| <i>InputWallPaperNoFile</i> | Telegram API type. |
| <i>InputWallPaperSlug</i>   | Telegram API type. |

## InputWebDocument

**class** hydrogram.raw.base.**InputWebDocument**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>InputWebDocument</i> | Telegram API type. |
|-------------------------|--------------------|

## InputWebFileLocation

**class** hydrogram.raw.base.**InputWebFileLocation**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|  |                    |
|--|--------------------|
| <i>InputWebFileAudioAlbumThumbLocation</i> | Telegram API type. |
| <i>InputWebFileGeoPointLocation</i>        | Telegram API type. |
| <i>InputWebFileLocation</i>                | Telegram API type. |

## Invoice

**class** hydrogram.raw.base.**Invoice**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                |                    |
|----------------|--------------------|
| <i>Invoice</i> | Telegram API type. |
|----------------|--------------------|

## IpPort

**class** hydrogram.raw.base.**IpPort**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                     |                    |
|---------------------|--------------------|
| <i>IpPort</i>       | Telegram API type. |
| <i>IpPortSecret</i> | Telegram API type. |

## JSONObjectValue

**class** hydrogram.raw.base.**JSONObjectValue**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>JsonObjectValue</i> | Telegram API type. |
|------------------------|--------------------|

## JSONValue

**class** hydrogram.raw.base.**JSONValue**

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                   |                    |
|-------------------|--------------------|
| <i>JsonArray</i>  | Telegram API type. |
| <i>JsonBool</i>   | Telegram API type. |
| <i>JsonNull</i>   | Telegram API type. |
| <i>JsonNumber</i> | Telegram API type. |
| <i>JsonObject</i> | Telegram API type. |
| <i>JsonString</i> | Telegram API type. |

## KeyboardButton

**class** hydrogram.raw.base.**KeyboardButton**

Telegram API base type.

**Constructors:**

This base type has 16 constructors available.

|   |                    |
|---|--------------------|
| <i>InputKeyboardButtonUrlAuth</i>       | Telegram API type. |
| <i>InputKeyboardButtonUserProfile</i>   | Telegram API type. |
| <i>KeyboardButton</i>                   | Telegram API type. |
| <i>KeyboardButtonBuy</i>                | Telegram API type. |
| <i>KeyboardButtonCallback</i>           | Telegram API type. |
| <i>KeyboardButtonGame</i>               | Telegram API type. |
| <i>KeyboardButtonRequestGeoLocation</i> | Telegram API type. |
| <i>KeyboardButtonRequestPeer</i>        | Telegram API type. |
| <i>KeyboardButtonRequestPhone</i>       | Telegram API type. |
| <i>KeyboardButtonRequestPoll</i>        | Telegram API type. |
| <i>KeyboardButtonSimpleWebView</i>      | Telegram API type. |
| <i>KeyboardButtonSwitchInline</i>       | Telegram API type. |
| <i>KeyboardButtonUrl</i>                | Telegram API type. |
| <i>KeyboardButtonUrlAuth</i>            | Telegram API type. |
| <i>KeyboardButtonUserProfile</i>        | Telegram API type. |
| <i>KeyboardButtonWebView</i>            | Telegram API type. |

### KeyboardButtonRow

**class** hydrogram.raw.base.KeyboardButtonRow

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>KeyboardButtonRow</i> | Telegram API type. |
|--------------------------|--------------------|

### LabeledPrice

**class** hydrogram.raw.base.LabeledPrice

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>LabeledPrice</i> | Telegram API type. |
|---------------------|--------------------|

### LangPackDifference

**class** hydrogram.raw.base.LangPackDifference

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>LangPackDifference</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                               |                        |
|-------------------------------|------------------------|
| <i>langpack.GetLangPack</i>   | Telegram API function. |
| <i>langpack.GetDifference</i> | Telegram API function. |

**LangPackLanguage**

**class** hydrogram.raw.base.LangPackLanguage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>LangPackLanguage</i> | Telegram API type. |
|-------------------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                              |                        |
|------------------------------|------------------------|
| <i>langpack.GetLanguages</i> | Telegram API function. |
| <i>langpack.GetLanguage</i>  | Telegram API function. |

**LangPackString**

**class** hydrogram.raw.base.LangPackString

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>LangPackString</i>           | Telegram API type. |
| <i>LangPackStringDeleted</i>    | Telegram API type. |
| <i>LangPackStringPluralized</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                            |                        |
|----------------------------|------------------------|
| <i>langpack.GetStrings</i> | Telegram API function. |
|----------------------------|------------------------|

## MaskCoords

**class** hydrogram.raw.base.**MaskCoords**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>MaskCoords</i> | Telegram API type. |
|-------------------|--------------------|

## MediaArea

**class** hydrogram.raw.base.**MediaArea**

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>InputMediaAreaChannelPost</i>  | Telegram API type. |
| <i>InputMediaAreaVenue</i>        | Telegram API type. |
| <i>MediaAreaChannelPost</i>       | Telegram API type. |
| <i>MediaAreaGeoPoint</i>          | Telegram API type. |
| <i>MediaAreaSuggestedReaction</i> | Telegram API type. |
| <i>MediaAreaVenue</i>             | Telegram API type. |

## MediaAreaCoordinates

**class** hydrogram.raw.base.**MediaAreaCoordinates**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>MediaAreaCoordinates</i> | Telegram API type. |
|-----------------------------|--------------------|

## Message

**class** hydrogram.raw.base.**Message**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                       |                    |
|-----------------------|--------------------|
| <i>Message</i>        | Telegram API type. |
| <i>MessageEmpty</i>   | Telegram API type. |
| <i>MessageService</i> | Telegram API type. |



## MessageAction

**class** hydrogram.raw.base.**MessageAction**

Telegram API base type.

### Constructors:

This base type has 42 constructors available.

|   |                    |
|---|--------------------|
| <i>MessageActionBoostApply</i>          | Telegram API type. |
| <i>MessageActionBotAllowed</i>          | Telegram API type. |
| <i>MessageActionChannelCreate</i>       | Telegram API type. |
| <i>MessageActionChannelMigrateFrom</i>  | Telegram API type. |
| <i>MessageActionChatAddUser</i>         | Telegram API type. |
| <i>MessageActionChatCreate</i>          | Telegram API type. |
| <i>MessageActionChatDeletePhoto</i>     | Telegram API type. |
| <i>MessageActionChatDeleteUser</i>      | Telegram API type. |
| <i>MessageActionChatEditPhoto</i>       | Telegram API type. |
| <i>MessageActionChatEditTitle</i>       | Telegram API type. |
| <i>MessageActionChatJoinedByLink</i>    | Telegram API type. |
| <i>MessageActionChatJoinedByRequest</i> | Telegram API type. |
| <i>MessageActionChatMigrateTo</i>       | Telegram API type. |
| <i>MessageActionContactSignUp</i>       | Telegram API type. |
| <i>MessageActionCustomAction</i>        | Telegram API type. |
| <i>MessageActionEmpty</i>               | Telegram API type. |
| <i>MessageActionGameScore</i>           | Telegram API type. |
| <i>MessageActionGeoProximityReached</i> | Telegram API type. |
| <i>MessageActionGiftCode</i>            | Telegram API type. |
| <i>MessageActionGiftPremium</i>         | Telegram API type. |
| <i>MessageActionGiveawayLaunch</i>      | Telegram API type. |
| <i>MessageActionGiveawayResults</i>     | Telegram API type. |
| <i>MessageActionGroupCall</i>           | Telegram API type. |
| <i>MessageActionGroupCallScheduled</i>  | Telegram API type. |
| <i>MessageActionHistoryClear</i>        | Telegram API type. |
| <i>MessageActionInviteToGroupCall</i>   | Telegram API type. |
| <i>MessageActionPaymentSent</i>         | Telegram API type. |
| <i>MessageActionPaymentSentMe</i>       | Telegram API type. |
| <i>MessageActionPhoneCall</i>           | Telegram API type. |
| <i>MessageActionPinMessage</i>          | Telegram API type. |
| <i>MessageActionRequestedPeer</i>       | Telegram API type. |
| <i>MessageActionScreenshotTaken</i>     | Telegram API type. |
| <i>MessageActionSecureValuesSent</i>    | Telegram API type. |
| <i>MessageActionSecureValuesSentMe</i>  | Telegram API type. |
| <i>MessageActionSetChatTheme</i>        | Telegram API type. |
| <i>MessageActionSetChatWallPaper</i>    | Telegram API type. |
| <i>MessageActionSetMessagesTTL</i>      | Telegram API type. |
| <i>MessageActionSuggestProfilePhoto</i> | Telegram API type. |
| <i>MessageActionTopicCreate</i>         | Telegram API type. |
| <i>MessageActionTopicEdit</i>           | Telegram API type. |
| <i>MessageActionWebViewDataSent</i>     | Telegram API type. |
| <i>MessageActionWebViewDataSentMe</i>   | Telegram API type. |

## MessageEntity

**class** hydrogram.raw.base.**MessageEntity**

Telegram API base type.

**Constructors:**

This base type has 21 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>InputMessageEntityMentionName</i> | Telegram API type. |
| <i>MessageEntityBankCard</i>         | Telegram API type. |
| <i>MessageEntityBlockquote</i>       | Telegram API type. |
| <i>MessageEntityBold</i>             | Telegram API type. |
| <i>MessageEntityBotCommand</i>       | Telegram API type. |
| <i>MessageEntityCashtag</i>          | Telegram API type. |
| <i>MessageEntityCode</i>             | Telegram API type. |
| <i>MessageEntityCustomEmoji</i>      | Telegram API type. |
| <i>MessageEntityEmail</i>            | Telegram API type. |
| <i>MessageEntityHashtag</i>          | Telegram API type. |
| <i>MessageEntityItalic</i>           | Telegram API type. |
| <i>MessageEntityMention</i>          | Telegram API type. |
| <i>MessageEntityMentionName</i>      | Telegram API type. |
| <i>MessageEntityPhone</i>            | Telegram API type. |
| <i>MessageEntityPre</i>              | Telegram API type. |
| <i>MessageEntitySpoiler</i>          | Telegram API type. |
| <i>MessageEntityStrike</i>           | Telegram API type. |
| <i>MessageEntityTextUrl</i>          | Telegram API type. |
| <i>MessageEntityUnderline</i>        | Telegram API type. |
| <i>MessageEntityUnknown</i>          | Telegram API type. |
| <i>MessageEntityUrl</i>              | Telegram API type. |

## MessageExtendedMedia

**class** hydrogram.raw.base.**MessageExtendedMedia**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>MessageExtendedMedia</i>        | Telegram API type. |
| <i>MessageExtendedMediaPreview</i> | Telegram API type. |

## MessageFwdHeader

**class** hydrogram.raw.base.**MessageFwdHeader**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>MessageFwdHeader</i> | Telegram API type. |
|-------------------------|--------------------|

## MessageMedia

**class** hydrogram.raw.base.**MessageMedia**

Telegram API base type.

**Constructors:**

This base type has 16 constructors available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>MessageMediaContact</i>         | Telegram API type. |
| <i>MessageMediaDice</i>            | Telegram API type. |
| <i>MessageMediaDocument</i>        | Telegram API type. |
| <i>MessageMediaEmpty</i>           | Telegram API type. |
| <i>MessageMediaGame</i>            | Telegram API type. |
| <i>MessageMediaGeo</i>             | Telegram API type. |
| <i>MessageMediaGeoLive</i>         | Telegram API type. |
| <i>MessageMediaGiveaway</i>        | Telegram API type. |
| <i>MessageMediaGiveawayResults</i> | Telegram API type. |
| <i>MessageMediaInvoice</i>         | Telegram API type. |
| <i>MessageMediaPhoto</i>           | Telegram API type. |
| <i>MessageMediaPoll</i>            | Telegram API type. |
| <i>MessageMediaStory</i>           | Telegram API type. |
| <i>MessageMediaUnsupported</i>     | Telegram API type. |
| <i>MessageMediaVenue</i>           | Telegram API type. |
| <i>MessageMediaWebPage</i>         | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetWebPagePreview</i>   | Telegram API function. |
| <i>messages.UploadMedia</i>         | Telegram API function. |
| <i>messages.UploadImportedMedia</i> | Telegram API function. |

## MessagePeerReaction

**class** hydrogram.raw.base.MessagePeerReaction

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>MessagePeerReaction</i> | Telegram API type. |
|----------------------------|--------------------|

## MessagePeerVote

**class** hydrogram.raw.base.MessagePeerVote

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>MessagePeerVote</i>            | Telegram API type. |
| <i>MessagePeerVoteInputOption</i> | Telegram API type. |
| <i>MessagePeerVoteMultiple</i>    | Telegram API type. |

## MessageRange

**class** hydrogram.raw.base.MessageRange

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>MessageRange</i> | Telegram API type. |
|---------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.GetSplitRanges</i> | Telegram API function. |
|--------------------------------|------------------------|

## MessageReactions

**class** hydrogram.raw.base.MessageReactions

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>MessageReactions</i> | Telegram API type. |
|-------------------------|--------------------|

## MessageReplies

**class** hydrogram.raw.base.**MessageReplies**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>MessageReplies</i> | Telegram API type. |
|-----------------------|--------------------|

## MessageReplyHeader

**class** hydrogram.raw.base.**MessageReplyHeader**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>MessageReplyHeader</i>      | Telegram API type. |
| <i>MessageReplyStoryHeader</i> | Telegram API type. |

## MessageViews

**class** hydrogram.raw.base.**MessageViews**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>MessageViews</i> | Telegram API type. |
|---------------------|--------------------|

## MessagesFilter

**class** hydrogram.raw.base.**MessagesFilter**

Telegram API base type.

**Constructors:**

This base type has 17 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>InputMessagesFilterChatPhotos</i> | Telegram API type. |
| <i>InputMessagesFilterContacts</i>   | Telegram API type. |
| <i>InputMessagesFilterDocument</i>   | Telegram API type. |
| <i>InputMessagesFilterEmpty</i>      | Telegram API type. |
| <i>InputMessagesFilterGeo</i>        | Telegram API type. |
| <i>InputMessagesFilterGif</i>        | Telegram API type. |
| <i>InputMessagesFilterMusic</i>      | Telegram API type. |
| <i>InputMessagesFilterMyMentions</i> | Telegram API type. |
| <i>InputMessagesFilterPhoneCalls</i> | Telegram API type. |
| <i>InputMessagesFilterPhotoVideo</i> | Telegram API type. |
| <i>InputMessagesFilterPhotos</i>     | Telegram API type. |
| <i>InputMessagesFilterPinned</i>     | Telegram API type. |
| <i>InputMessagesFilterRoundVideo</i> | Telegram API type. |
| <i>InputMessagesFilterRoundVoice</i> | Telegram API type. |
| <i>InputMessagesFilterUrl</i>        | Telegram API type. |
| <i>InputMessagesFilterVideo</i>      | Telegram API type. |
| <i>InputMessagesFilterVoice</i>      | Telegram API type. |

## MsgDetailedInfo

**class** hydrogram.raw.base.MsgDetailedInfo

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>MsgDetailedInfo</i>    | Telegram API type. |
| <i>MsgNewDetailedInfo</i> | Telegram API type. |

## MsgResendReq

**class** hydrogram.raw.base.MsgResendReq

Telegram API base type.

### Constructors:

This base type has 2 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>MsgResendAnsReq</i> | Telegram API type. |
| <i>MsgResendReq</i>    | Telegram API type. |

### MsgsAck

**class** hydrogram.raw.base.MsgsAck

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*MsgsAck*

Telegram API type.

### MsgsAllInfo

**class** hydrogram.raw.base.MsgsAllInfo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*MsgsAllInfo*

Telegram API type.

### MsgsStateInfo

**class** hydrogram.raw.base.MsgsStateInfo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*MsgsStateInfo*

Telegram API type.

### MsgsStateReq

**class** hydrogram.raw.base.MsgsStateReq

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*MsgsStateReq*

Telegram API type.

### MyBoost

**class** hydrogram.raw.base.**MyBoost**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                |                    |
|----------------|--------------------|
| <i>MyBoost</i> | Telegram API type. |
|----------------|--------------------|

### NearestDc

**class** hydrogram.raw.base.**NearestDc**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                  |                    |
|------------------|--------------------|
| <i>NearestDc</i> | Telegram API type. |
|------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>help.GetNearestDc</i> | Telegram API function. |
|--------------------------|------------------------|

### NewSession

**class** hydrogram.raw.base.**NewSession**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>NewSessionCreated</i> | Telegram API type. |
|--------------------------|--------------------|

### NotificationSound

**class** hydrogram.raw.base.**NotificationSound**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>NotificationSoundDefault</i>  | Telegram API type. |
| <i>NotificationSoundLocal</i>    | Telegram API type. |
| <i>NotificationSoundNone</i>     | Telegram API type. |
| <i>NotificationSoundRingtone</i> | Telegram API type. |



## NotifyPeer

**class** hydrogram.raw.base.NotifyPeer

Telegram API base type.

### Constructors:

This base type has 5 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>NotifyBroadcasts</i> | Telegram API type. |
| <i>NotifyChats</i>      | Telegram API type. |
| <i>NotifyForumTopic</i> | Telegram API type. |
| <i>NotifyPeer</i>       | Telegram API type. |
| <i>NotifyUsers</i>      | Telegram API type. |

## OutboxReadDate

**class** hydrogram.raw.base.OutboxReadDate

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>OutboxReadDate</i> | Telegram API type. |
|-----------------------|--------------------|

### Functions:

This object can be returned by 1 function.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>messages.GetOutboxReadDate</i> | Telegram API function. |
|-----------------------------------|------------------------|

## PQInnerData

**class** hydrogram.raw.base.PQInnerData

Telegram API base type.

### Constructors:

This base type has 4 constructors available.

|                          |                    |
|--------------------------|--------------------|
| <i>PQInnerData</i>       | Telegram API type. |
| <i>PQInnerDataDc</i>     | Telegram API type. |
| <i>PQInnerDataTemp</i>   | Telegram API type. |
| <i>PQInnerDataTempDc</i> | Telegram API type. |

## Page

**class** hydrogram.raw.base.**Page**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|             |                    |
|-------------|--------------------|
| <i>Page</i> | Telegram API type. |
|-------------|--------------------|

## PageBlock

**class** hydrogram.raw.base.**PageBlock**

Telegram API base type.

**Constructors:**

This base type has 29 constructors available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>PageBlockAnchor</i>          | Telegram API type. |
| <i>PageBlockAudio</i>           | Telegram API type. |
| <i>PageBlockAuthorDate</i>      | Telegram API type. |
| <i>PageBlockBlockquote</i>      | Telegram API type. |
| <i>PageBlockChannel</i>         | Telegram API type. |
| <i>PageBlockCollage</i>         | Telegram API type. |
| <i>PageBlockCover</i>           | Telegram API type. |
| <i>PageBlockDetails</i>         | Telegram API type. |
| <i>PageBlockDivider</i>         | Telegram API type. |
| <i>PageBlockEmbed</i>           | Telegram API type. |
| <i>PageBlockEmbedPost</i>       | Telegram API type. |
| <i>PageBlockFooter</i>          | Telegram API type. |
| <i>PageBlockHeader</i>          | Telegram API type. |
| <i>PageBlockKicker</i>          | Telegram API type. |
| <i>PageBlockList</i>            | Telegram API type. |
| <i>PageBlockMap</i>             | Telegram API type. |
| <i>PageBlockOrderedList</i>     | Telegram API type. |
| <i>PageBlockParagraph</i>       | Telegram API type. |
| <i>PageBlockPhoto</i>           | Telegram API type. |
| <i>PageBlockPreformatted</i>    | Telegram API type. |
| <i>PageBlockPullquote</i>       | Telegram API type. |
| <i>PageBlockRelatedArticles</i> | Telegram API type. |
| <i>PageBlockSlideshow</i>       | Telegram API type. |
| <i>PageBlockSubheader</i>       | Telegram API type. |
| <i>PageBlockSubtitle</i>        | Telegram API type. |
| <i>PageBlockTable</i>           | Telegram API type. |
| <i>PageBlockTitle</i>           | Telegram API type. |
| <i>PageBlockUnsupported</i>     | Telegram API type. |
| <i>PageBlockVideo</i>           | Telegram API type. |

## PageCaption

**class** hydrogram.raw.base.**PageCaption**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>PageCaption</i> | Telegram API type. |
|--------------------|--------------------|

## PageListItem

**class** hydrogram.raw.base.**PageListItem**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>PageListItemBlocks</i> | Telegram API type. |
| <i>PageListItemText</i>   | Telegram API type. |

## PageListOrderedItem

**class** hydrogram.raw.base.**PageListOrderedItem**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>PageListOrderedItemBlocks</i> | Telegram API type. |
| <i>PageListOrderedItemText</i>   | Telegram API type. |

## PageRelatedArticle

**class** hydrogram.raw.base.**PageRelatedArticle**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>PageRelatedArticle</i> | Telegram API type. |
|---------------------------|--------------------|

### PageTableCell

**class** hydrogram.raw.base.**PageTableCell**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |
|----------------------|
| <i>PageTableCell</i> |
|----------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### PageTableRow

**class** hydrogram.raw.base.**PageTableRow**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |
|---------------------|
| <i>PageTableRow</i> |
|---------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### PasswordKdfAlgo

**class** hydrogram.raw.base.**PasswordKdfAlgo**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|  |                    |
|--|--------------------|
| <i>PasswordKdfAlgoSHA256SHA256PBKDF2HMACSH</i> | Telegram API type. |
|--|--------------------|

|                               |                    |
|-------------------------------|--------------------|
| <i>PasswordKdfAlgoUnknown</i> | Telegram API type. |
|-------------------------------|--------------------|

### PaymentCharge

**class** hydrogram.raw.base.**PaymentCharge**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |
|----------------------|
| <i>PaymentCharge</i> |
|----------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## PaymentFormMethod

**class** hydrogram.raw.base.PaymentFormMethod

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>PaymentFormMethod</i> | Telegram API type. |
|--------------------------|--------------------|

## PaymentRequestedInfo

**class** hydrogram.raw.base.PaymentRequestedInfo

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>PaymentRequestedInfo</i> | Telegram API type. |
|-----------------------------|--------------------|

## PaymentSavedCredentials

**class** hydrogram.raw.base.PaymentSavedCredentials

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |                    |
|------------------------------------|--------------------|
| <i>PaymentSavedCredentialsCard</i> | Telegram API type. |
|------------------------------------|--------------------|

## Peer

**class** hydrogram.raw.base.Peer

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                    |                    |
|--------------------|--------------------|
| <i>PeerChannel</i> | Telegram API type. |
| <i>PeerChat</i>    | Telegram API type. |
| <i>PeerUser</i>    | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>chatlists.GetLeaveChatlistSuggestions</i> | Telegram API function. |
|--|------------------------|

### PeerBlocked

**class** hydrogram.raw.base.**PeerBlocked**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>PeerBlocked</i> | Telegram API type. |
|--------------------|--------------------|

### PeerColor

**class** hydrogram.raw.base.**PeerColor**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                  |                    |
|------------------|--------------------|
| <i>PeerColor</i> | Telegram API type. |
|------------------|--------------------|

### PeerLocated

**class** hydrogram.raw.base.**PeerLocated**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>PeerLocated</i>     | Telegram API type. |
| <i>PeerSelfLocated</i> | Telegram API type. |

### PeerNotifySettings

**class** hydrogram.raw.base.**PeerNotifySettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>PeerNotifySettings</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>account.GetNotifySettings</i> | Telegram API function. |
|----------------------------------|------------------------|

## PeerSettings

**class** hydrogram.raw.base.**PeerSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                     |                    |
|---------------------|--------------------|
| <i>PeerSettings</i> | Telegram API type. |
|---------------------|--------------------|

## PeerStories

**class** hydrogram.raw.base.**PeerStories**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>PeerStories</i> | Telegram API type. |
|--------------------|--------------------|

## PhoneCall

**class** hydrogram.raw.base.**PhoneCall**

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>PhoneCall</i>          | Telegram API type. |
| <i>PhoneCallAccepted</i>  | Telegram API type. |
| <i>PhoneCallDiscarded</i> | Telegram API type. |
| <i>PhoneCallEmpty</i>     | Telegram API type. |
| <i>PhoneCallRequested</i> | Telegram API type. |
| <i>PhoneCallWaiting</i>   | Telegram API type. |

## PhoneCallDiscardReason

**class** hydrogram.raw.base.**PhoneCallDiscardReason**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|   |                    |
|---|--------------------|
| <i>PhoneCallDiscardReasonBusy</i>       | Telegram API type. |
| <i>PhoneCallDiscardReasonDisconnect</i> | Telegram API type. |
| <i>PhoneCallDiscardReasonHangup</i>     | Telegram API type. |
| <i>PhoneCallDiscardReasonMissed</i>     | Telegram API type. |

## PhoneCallProtocol

**class** hydrogram.raw.base.**PhoneCallProtocol**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>PhoneCallProtocol</i> | Telegram API type. |
|--------------------------|--------------------|

## PhoneConnection

**class** hydrogram.raw.base.**PhoneConnection**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>PhoneConnection</i>       | Telegram API type. |
| <i>PhoneConnectionWebRTC</i> | Telegram API type. |

## Photo

**class** hydrogram.raw.base.**Photo**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                   |                    |
|-------------------|--------------------|
| <i>Photo</i>      | Telegram API type. |
| <i>PhotoEmpty</i> | Telegram API type. |

## PhotoSize

**class** hydrogram.raw.base.**PhotoSize**

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>PhotoCachedSize</i>      | Telegram API type. |
| <i>PhotoPathSize</i>        | Telegram API type. |
| <i>PhotoSize</i>            | Telegram API type. |
| <i>PhotoSizeEmpty</i>       | Telegram API type. |
| <i>PhotoSizeProgressive</i> | Telegram API type. |
| <i>PhotoStrippedSize</i>    | Telegram API type. |



## Poll

**class** hydrogram.raw.base.**Poll**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|             |
|-------------|
| <i>Poll</i> |
|-------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## PollAnswer

**class** hydrogram.raw.base.**PollAnswer**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |
|-------------------|
| <i>PollAnswer</i> |
|-------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## PollAnswerVoters

**class** hydrogram.raw.base.**PollAnswerVoters**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>PollAnswerVoters</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## PollResults

**class** hydrogram.raw.base.**PollResults**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |
|--------------------|
| <i>PollResults</i> |
|--------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### Pong

**class** hydrogram.raw.base.Pong

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|             |                    |
|-------------|--------------------|
| <i>Pong</i> | Telegram API type. |
|-------------|--------------------|

**Functions:**

This object can be returned by 2 functions.

|                            |                        |
|----------------------------|------------------------|
| <i>Ping</i>                | Telegram API function. |
| <i>PingDelayDisconnect</i> | Telegram API function. |

### PopularContact

**class** hydrogram.raw.base.PopularContact

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>PopularContact</i> | Telegram API type. |
|-----------------------|--------------------|

### PostAddress

**class** hydrogram.raw.base.PostAddress

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>PostAddress</i> | Telegram API type. |
|--------------------|--------------------|

### PostInteractionCounters

**class** hydrogram.raw.base.PostInteractionCounters

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                       |                    |
|---------------------------------------|--------------------|
| <i>PostInteractionCountersMessage</i> | Telegram API type. |
| <i>PostInteractionCountersStory</i>   | Telegram API type. |

### PremiumGiftCodeOption

**class** hydrogram.raw.base.PremiumGiftCodeOption

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |
|------------------------------|
| <i>PremiumGiftCodeOption</i> |
|------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|   |
|---|
| <i>payments.GetPremiumGiftCodeOptions</i> |
|---|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### PremiumGiftOption

**class** hydrogram.raw.base.PremiumGiftOption

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>PremiumGiftOption</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### PremiumSubscriptionOption

**class** hydrogram.raw.base.PremiumSubscriptionOption

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                  |
|----------------------------------|
| <i>PremiumSubscriptionOption</i> |
|----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### PrepaidGiveaway

**class** hydrogram.raw.base.PrepaidGiveaway

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                        |
|------------------------|
| <i>PrepaidGiveaway</i> |
|------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## PrivacyKey

**class** hydrogram.raw.base.**PrivacyKey**

Telegram API base type.

**Constructors:**

This base type has 10 constructors available.

|                                  |                    |
|----------------------------------|--------------------|
| <i>PrivacyKeyAbout</i>           | Telegram API type. |
| <i>PrivacyKeyAddedByPhone</i>    | Telegram API type. |
| <i>PrivacyKeyChatInvite</i>      | Telegram API type. |
| <i>PrivacyKeyForwards</i>        | Telegram API type. |
| <i>PrivacyKeyPhoneCall</i>       | Telegram API type. |
| <i>PrivacyKeyPhoneNumber</i>     | Telegram API type. |
| <i>PrivacyKeyPhoneP2P</i>        | Telegram API type. |
| <i>PrivacyKeyProfilePhoto</i>    | Telegram API type. |
| <i>PrivacyKeyStatusTimestamp</i> | Telegram API type. |
| <i>PrivacyKeyVoiceMessages</i>   | Telegram API type. |

## PrivacyRule

**class** hydrogram.raw.base.**PrivacyRule**

Telegram API base type.

**Constructors:**

This base type has 9 constructors available.

|   |                    |
|---|--------------------|
| <i>PrivacyValueAllowAll</i>                 | Telegram API type. |
| <i>PrivacyValueAllowChatParticipants</i>    | Telegram API type. |
| <i>PrivacyValueAllowCloseFriends</i>        | Telegram API type. |
| <i>PrivacyValueAllowContacts</i>            | Telegram API type. |
| <i>PrivacyValueAllowUsers</i>               | Telegram API type. |
| <i>PrivacyValueDisallowAll</i>              | Telegram API type. |
| <i>PrivacyValueDisallowChatParticipants</i> | Telegram API type. |
| <i>PrivacyValueDisallowContacts</i>         | Telegram API type. |
| <i>PrivacyValueDisallowUsers</i>            | Telegram API type. |

## PublicForward

**class** hydrogram.raw.base.**PublicForward**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                             |                    |
|-----------------------------|--------------------|
| <i>PublicForwardMessage</i> | Telegram API type. |
| <i>PublicForwardStory</i>   | Telegram API type. |

## QuickReply

**class** hydrogram.raw.base.QuickReply

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>QuickReply</i> | Telegram API type. |
|-------------------|--------------------|

## Reaction

**class** hydrogram.raw.base.Reaction

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>ReactionCustomEmoji</i> | Telegram API type. |
| <i>ReactionEmoji</i>       | Telegram API type. |
| <i>ReactionEmpty</i>       | Telegram API type. |

## ReactionCount

**class** hydrogram.raw.base.ReactionCount

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>ReactionCount</i> | Telegram API type. |
|----------------------|--------------------|

## ReadParticipantDate

**class** hydrogram.raw.base.ReadParticipantDate

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |                    |
|----------------------------|--------------------|
| <i>ReadParticipantDate</i> | Telegram API type. |
|----------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.GetMessageReadParticipants</i> | Telegram API function. |
|--|------------------------|

## ReceivedNotifyMessage

**class** hydrogram.raw.base.ReceivedNotifyMessage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                              |                    |
|------------------------------|--------------------|
| <i>ReceivedNotifyMessage</i> | Telegram API type. |
|------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                  |                        |
|----------------------------------|------------------------|
| <i>messages.ReceivedMessages</i> | Telegram API function. |
|----------------------------------|------------------------|

## RecentMeUrl

**class** hydrogram.raw.base.RecentMeUrl

Telegram API base type.

**Constructors:**

This base type has 5 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>RecentMeUrlChat</i>       | Telegram API type. |
| <i>RecentMeUrlChatInvite</i> | Telegram API type. |
| <i>RecentMeUrlStickerSet</i> | Telegram API type. |
| <i>RecentMeUrlUnknown</i>    | Telegram API type. |
| <i>RecentMeUrlUser</i>       | Telegram API type. |

## ReplyMarkup

**class** hydrogram.raw.base.ReplyMarkup

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>ReplyInlineMarkup</i>       | Telegram API type. |
| <i>ReplyKeyboardForceReply</i> | Telegram API type. |
| <i>ReplyKeyboardHide</i>       | Telegram API type. |
| <i>ReplyKeyboardMarkup</i>     | Telegram API type. |

## ReportReason

**class** hydrogram.raw.base.**ReportReason**

Telegram API base type.

### Constructors:

This base type has 10 constructors available.

|   |                    |
|---|--------------------|
| <i>InputReportReasonChildAbuse</i>      | Telegram API type. |
| <i>InputReportReasonCopyright</i>       | Telegram API type. |
| <i>InputReportReasonFake</i>            | Telegram API type. |
| <i>InputReportReasonGeoIrrelevant</i>   | Telegram API type. |
| <i>InputReportReasonIllegalDrugs</i>    | Telegram API type. |
| <i>InputReportReasonOther</i>           | Telegram API type. |
| <i>InputReportReasonPersonalDetails</i> | Telegram API type. |
| <i>InputReportReasonPornography</i>     | Telegram API type. |
| <i>InputReportReasonSpam</i>            | Telegram API type. |
| <i>InputReportReasonViolence</i>        | Telegram API type. |

## RequestPeerType

**class** hydrogram.raw.base.**RequestPeerType**

Telegram API base type.

### Constructors:

This base type has 3 constructors available.

|                                 |                    |
|---------------------------------|--------------------|
| <i>RequestPeerTypeBroadcast</i> | Telegram API type. |
| <i>RequestPeerTypeChat</i>      | Telegram API type. |
| <i>RequestPeerTypeUser</i>      | Telegram API type. |

## ResPQ

**class** hydrogram.raw.base.**ResPQ**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|              |                    |
|--------------|--------------------|
| <i>ResPQ</i> | Telegram API type. |
|--------------|--------------------|

### Functions:

This object can be returned by 2 functions.

|                   |                        |
|-------------------|------------------------|
| <i>ReqPq</i>      | Telegram API function. |
| <i>ReqPqMulti</i> | Telegram API function. |

## RestrictionReason

**class** hydrogram.raw.base.**RestrictionReason**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>RestrictionReason</i> | Telegram API type. |
|--------------------------|--------------------|

## RichText

**class** hydrogram.raw.base.**RichText**

Telegram API base type.

**Constructors:**

This base type has 16 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>TextAnchor</i>      | Telegram API type. |
| <i>TextBold</i>        | Telegram API type. |
| <i>TextConcat</i>      | Telegram API type. |
| <i>TextEmail</i>       | Telegram API type. |
| <i>TextEmpty</i>       | Telegram API type. |
| <i>TextFixed</i>       | Telegram API type. |
| <i>TextImage</i>       | Telegram API type. |
| <i>TextItalic</i>      | Telegram API type. |
| <i>TextMarked</i>      | Telegram API type. |
| <i>TextPhone</i>       | Telegram API type. |
| <i>TextPlain</i>       | Telegram API type. |
| <i>TextStrike</i>      | Telegram API type. |
| <i>TextSubscript</i>   | Telegram API type. |
| <i>TextSuperscript</i> | Telegram API type. |
| <i>TextUnderline</i>   | Telegram API type. |
| <i>TextUrl</i>         | Telegram API type. |

## RpcDropAnswer

**class** hydrogram.raw.base.**RpcDropAnswer**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>RpcAnswerDropped</i>        | Telegram API type. |
| <i>RpcAnswerDroppedRunning</i> | Telegram API type. |
| <i>RpcAnswerUnknown</i>        | Telegram API type. |

**Functions:**

This object can be returned by 1 function.



*RpcDropAnswer*

Telegram API function.

## RpcError

**class** hydrogram.raw.base.RpcError

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*RpcError*

Telegram API type.

## RpcResult

**class** hydrogram.raw.base.RpcResult

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*RpcResult*

Telegram API type.

## SavedContact

**class** hydrogram.raw.base.SavedContact

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*SavedPhoneContact*

Telegram API type.

**Functions:**

This object can be returned by 1 function.

*contacts.GetSaved*

Telegram API function.

## SavedDialog

**class** hydrogram.raw.base.SavedDialog

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

*SavedDialog*

Telegram API type.

### SavedReactionTag

**class** hydrogram.raw.base.SavedReactionTag

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>SavedReactionTag</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### SearchResultsCalendarPeriod

**class** hydrogram.raw.base.SearchResultsCalendarPeriod

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                    |
|------------------------------------|
| <i>SearchResultsCalendarPeriod</i> |
|------------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### SearchResultsPosition

**class** hydrogram.raw.base.SearchResultsPosition

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>SearchResultPosition</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### SecureCredentialsEncrypted

**class** hydrogram.raw.base.SecureCredentialsEncrypted

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                                   |
|-----------------------------------|
| <i>SecureCredentialsEncrypted</i> |
|-----------------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

## SecureData

**class** hydrogram.raw.base.SecureData

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>SecureData</i> | Telegram API type. |
|-------------------|--------------------|

## SecureFile

**class** hydrogram.raw.base.SecureFile

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>SecureFile</i>      | Telegram API type. |
| <i>SecureFileEmpty</i> | Telegram API type. |

## SecurePasswordKdfAlgo

**class** hydrogram.raw.base.SecurePasswordKdfAlgo

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|  |                    |
|--|--------------------|
| <i>SecurePasswordKdfAlgoPBKDF2HMACSHA512it</i> | Telegram API type. |
| <i>SecurePasswordKdfAlgoSHA512</i>             | Telegram API type. |
| <i>SecurePasswordKdfAlgoUnknown</i>            | Telegram API type. |

## SecurePlainData

**class** hydrogram.raw.base.SecurePlainData

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>SecurePlainEmail</i> | Telegram API type. |
| <i>SecurePlainPhone</i> | Telegram API type. |

## SecureRequiredType

**class** hydrogram.raw.base.SecureRequiredType

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                                |                    |
|--------------------------------|--------------------|
| <i>SecureRequiredType</i>      | Telegram API type. |
| <i>SecureRequiredTypeOneOf</i> | Telegram API type. |

## SecureSecretSettings

**class** hydrogram.raw.base.SecureSecretSettings

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>SecureSecretSettings</i> | Telegram API type. |
|-----------------------------|--------------------|

## SecureValue

**class** hydrogram.raw.base.SecureValue

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>SecureValue</i> | Telegram API type. |
|--------------------|--------------------|

**Functions:**

This object can be returned by 3 functions.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>account.GetAllSecureValues</i> | Telegram API function. |
| <i>account.GetSecureValue</i>     | Telegram API function. |
| <i>account.SaveSecureValue</i>    | Telegram API function. |

## SecureValueError

**class** hydrogram.raw.base.SecureValueError

Telegram API base type.

**Constructors:**

This base type has 9 constructors available.

|   |                    |
|---|--------------------|
| <i>SecureValueError</i>                 | Telegram API type. |
| <i>SecureValueErrorData</i>             | Telegram API type. |
| <i>SecureValueErrorFile</i>             | Telegram API type. |
| <i>SecureValueErrorFiles</i>            | Telegram API type. |
| <i>SecureValueErrorFrontSide</i>        | Telegram API type. |
| <i>SecureValueErrorReverseSide</i>      | Telegram API type. |
| <i>SecureValueErrorSelfie</i>           | Telegram API type. |
| <i>SecureValueErrorTranslationFile</i>  | Telegram API type. |
| <i>SecureValueErrorTranslationFiles</i> | Telegram API type. |

## SecureValueHash

**class** hydrogram.raw.base.**SecureValueHash**

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                        |                    |
|------------------------|--------------------|
| <i>SecureValueHash</i> | Telegram API type. |
|------------------------|--------------------|

## SecureValueType

**class** hydrogram.raw.base.**SecureValueType**

Telegram API base type.

### Constructors:

This base type has 13 constructors available.

|   |                    |
|---|--------------------|
| <i>SecureValueTypeAddress</i>               | Telegram API type. |
| <i>SecureValueTypeBankStatement</i>         | Telegram API type. |
| <i>SecureValueTypeDriverLicense</i>         | Telegram API type. |
| <i>SecureValueTypeEmail</i>                 | Telegram API type. |
| <i>SecureValueTypeIdentityCard</i>          | Telegram API type. |
| <i>SecureValueTypeInternalPassport</i>      | Telegram API type. |
| <i>SecureValueTypePassport</i>              | Telegram API type. |
| <i>SecureValueTypePassportRegistration</i>  | Telegram API type. |
| <i>SecureValueTypePersonalDetails</i>       | Telegram API type. |
| <i>SecureValueTypePhone</i>                 | Telegram API type. |
| <i>SecureValueTypeRentalAgreement</i>       | Telegram API type. |
| <i>SecureValueTypeTemporaryRegistration</i> | Telegram API type. |
| <i>SecureValueTypeUtilityBill</i>           | Telegram API type. |

## SendAsPeer

**class** hydrogram.raw.base.**SendAsPeer**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>SendAsPeer</i> | Telegram API type. |
|-------------------|--------------------|

## SendMessageAction

**class** hydrogram.raw.base.**SendMessageAction**

Telegram API base type.

**Constructors:**

This base type has 18 constructors available.

|  |                    |
|--|--------------------|
| <i>SendMessageCancelAction</i>         | Telegram API type. |
| <i>SendMessageChooseContactAction</i>  | Telegram API type. |
| <i>SendMessageChooseStickerAction</i>  | Telegram API type. |
| <i>SendMessageEmojiInteraction</i>     | Telegram API type. |
| <i>SendMessageEmojiInteractionSeen</i> | Telegram API type. |
| <i>SendMessageGamePlayAction</i>       | Telegram API type. |
| <i>SendMessageGeoLocationAction</i>    | Telegram API type. |
| <i>SendMessageHistoryImportAction</i>  | Telegram API type. |
| <i>SendMessageRecordAudioAction</i>    | Telegram API type. |
| <i>SendMessageRecordRoundAction</i>    | Telegram API type. |
| <i>SendMessageRecordVideoAction</i>    | Telegram API type. |
| <i>SendMessageTypingAction</i>         | Telegram API type. |
| <i>SendMessageUploadAudioAction</i>    | Telegram API type. |
| <i>SendMessageUploadDocumentAction</i> | Telegram API type. |
| <i>SendMessageUploadPhotoAction</i>    | Telegram API type. |
| <i>SendMessageUploadRoundAction</i>    | Telegram API type. |
| <i>SendMessageUploadVideoAction</i>    | Telegram API type. |
| <i>SpeakingInGroupCallAction</i>       | Telegram API type. |

## ServerDHInnerData

**class** hydrogram.raw.base.**ServerDHInnerData**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>ServerDHInnerData</i> | Telegram API type. |
|--------------------------|--------------------|

## ServerDHParams

**class** hydrogram.raw.base.**ServerDHParams**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>ServerDHParamsFail</i> | Telegram API type. |
| <i>ServerDHParamsOk</i>   | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                    |                        |
|--------------------|------------------------|
| <i>ReqDHParams</i> | Telegram API function. |
|--------------------|------------------------|

## SetClientDHParamsAnswer

**class** hydrogram.raw.base.**SetClientDHParamsAnswer**

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                   |                    |
|-------------------|--------------------|
| <i>DhGenFail</i>  | Telegram API type. |
| <i>DhGenOk</i>    | Telegram API type. |
| <i>DhGenRetry</i> | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>SetClientDHParams</i> | Telegram API function. |
|--------------------------|------------------------|

## ShippingOption

**class** hydrogram.raw.base.**ShippingOption**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>ShippingOption</i> | Telegram API type. |
|-----------------------|--------------------|

### SimpleWebViewResult

**class** hydrogram.raw.base.SimpleWebViewResult

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                               |                    |
|-------------------------------|--------------------|
| <i>SimpleWebViewResultUrl</i> | Telegram API type. |
|-------------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                      |                        |
|--------------------------------------|------------------------|
| <i>messages.RequestSimpleWebView</i> | Telegram API function. |
|--------------------------------------|------------------------|

### SmsJob

**class** hydrogram.raw.base.SmsJob

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|               |                    |
|---------------|--------------------|
| <i>SmsJob</i> | Telegram API type. |
|---------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                          |                        |
|--------------------------|------------------------|
| <i>smsjobs.GetSmsJob</i> | Telegram API function. |
|--------------------------|------------------------|

### SponsoredMessage

**class** hydrogram.raw.base.SponsoredMessage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>SponsoredMessage</i> | Telegram API type. |
|-------------------------|--------------------|



### SponsoredWebPage

**class** hydrogram.raw.base.SponsoredWebPage

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |
|-------------------------|
| <i>SponsoredWebPage</i> |
|-------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsAbsValueAndPrev

**class** hydrogram.raw.base.StatsAbsValueAndPrev

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>StatsAbsValueAndPrev</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsDateRangeDays

**class** hydrogram.raw.base.StatsDateRangeDays

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>StatsDateRangeDays</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsGraph

**class** hydrogram.raw.base.StatsGraph

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                   |
|-------------------|
| <i>StatsGraph</i> |
|-------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                        |
|------------------------|
| <i>StatsGraphAsync</i> |
|------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

|                        |
|------------------------|
| <i>StatsGraphError</i> |
|------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

**Functions:**

This object can be returned by 1 function.

|                             |
|-----------------------------|
| <i>stats.LoadAsyncGraph</i> |
|-----------------------------|

|                        |
|------------------------|
| Telegram API function. |
|------------------------|

### StatsGroupTopAdmin

**class** hydrogram.raw.base.StatsGroupTopAdmin

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |
|---------------------------|
| <i>StatsGroupTopAdmin</i> |
|---------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsGroupTopInviter

**class** hydrogram.raw.base.StatsGroupTopInviter

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                             |
|-----------------------------|
| <i>StatsGroupTopInviter</i> |
|-----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsGroupTopPoster

**class** hydrogram.raw.base.StatsGroupTopPoster

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                            |
|----------------------------|
| <i>StatsGroupTopPoster</i> |
|----------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsPercentValue

**class** hydrogram.raw.base.StatsPercentValue

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |
|--------------------------|
| <i>StatsPercentValue</i> |
|--------------------------|

|                    |
|--------------------|
| Telegram API type. |
|--------------------|

### StatsURL

**class** hydrogram.raw.base.StatsURL

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>StatsURL</i> | Telegram API type. |
|-----------------|--------------------|

### StickerKeyword

**class** hydrogram.raw.base.StickerKeyword

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>StickerKeyword</i> | Telegram API type. |
|-----------------------|--------------------|

### StickerPack

**class** hydrogram.raw.base.StickerPack

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                    |                    |
|--------------------|--------------------|
| <i>StickerPack</i> | Telegram API type. |
|--------------------|--------------------|

### StickerSet

**class** hydrogram.raw.base.StickerSet

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>StickerSet</i> | Telegram API type. |
|-------------------|--------------------|

## StickerSetCovered

**class** hydrogram.raw.base.StickerSetCovered

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>StickerSetCovered</i>      | Telegram API type. |
| <i>StickerSetFullCovered</i>  | Telegram API type. |
| <i>StickerSetMultiCovered</i> | Telegram API type. |
| <i>StickerSetNoCovered</i>    | Telegram API type. |

**Functions:**

This object can be returned by 1 function.

|                                     |                        |
|-------------------------------------|------------------------|
| <i>messages.GetAttachedStickers</i> | Telegram API function. |
|-------------------------------------|------------------------|

## StoriesStealthMode

**class** hydrogram.raw.base.StoriesStealthMode

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>StoriesStealthMode</i> | Telegram API type. |
|---------------------------|--------------------|

## StoryFwdHeader

**class** hydrogram.raw.base.StoryFwdHeader

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                       |                    |
|-----------------------|--------------------|
| <i>StoryFwdHeader</i> | Telegram API type. |
|-----------------------|--------------------|

## StoryItem

**class** hydrogram.raw.base.StoryItem

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                         |                    |
|-------------------------|--------------------|
| <i>StoryItem</i>        | Telegram API type. |
| <i>StoryItemDeleted</i> | Telegram API type. |
| <i>StoryItemSkipped</i> | Telegram API type. |

## StoryReaction

**class** hydrogram.raw.base.StoryReaction

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                                   |                    |
|-----------------------------------|--------------------|
| <i>StoryReaction</i>              | Telegram API type. |
| <i>StoryReactionPublicForward</i> | Telegram API type. |
| <i>StoryReactionPublicRepost</i>  | Telegram API type. |

## StoryView

**class** hydrogram.raw.base.StoryView

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>StoryView</i>              | Telegram API type. |
| <i>StoryViewPublicForward</i> | Telegram API type. |
| <i>StoryViewPublicRepost</i>  | Telegram API type. |

## StoryViews

**class** hydrogram.raw.base.StoryViews

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                   |                    |
|-------------------|--------------------|
| <i>StoryViews</i> | Telegram API type. |
|-------------------|--------------------|

## TextWithEntities

**class** hydrogram.raw.base.TextWithEntities

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>TextWithEntities</i> | Telegram API type. |
|-------------------------|--------------------|

### Theme

**class** hydrogram.raw.base.Theme

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|              |                    |
|--------------|--------------------|
| <i>Theme</i> | Telegram API type. |
|--------------|--------------------|

**Functions:**

This object can be returned by 3 functions.

|                            |                        |
|----------------------------|------------------------|
| <i>account.CreateTheme</i> | Telegram API function. |
| <i>account.UpdateTheme</i> | Telegram API function. |
| <i>account.GetTheme</i>    | Telegram API function. |

### ThemeSettings

**class** hydrogram.raw.base.ThemeSettings

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                      |                    |
|----------------------|--------------------|
| <i>ThemeSettings</i> | Telegram API type. |
|----------------------|--------------------|

### Timezone

**class** hydrogram.raw.base.Timezone

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>Timezone</i> | Telegram API type. |
|-----------------|--------------------|

### TopPeer

**class** hydrogram.raw.base.TopPeer

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                |                    |
|----------------|--------------------|
| <i>TopPeer</i> | Telegram API type. |
|----------------|--------------------|

## TopPeerCategory

**class** hydrogram.raw.base.TopPeerCategory

Telegram API base type.

### Constructors:

This base type has 8 constructors available.

|                                      |                    |
|--------------------------------------|--------------------|
| <i>TopPeerCategoryBotsInline</i>     | Telegram API type. |
| <i>TopPeerCategoryBotsPM</i>         | Telegram API type. |
| <i>TopPeerCategoryChannels</i>       | Telegram API type. |
| <i>TopPeerCategoryCorrespondents</i> | Telegram API type. |
| <i>TopPeerCategoryForwardChats</i>   | Telegram API type. |
| <i>TopPeerCategoryForwardUsers</i>   | Telegram API type. |
| <i>TopPeerCategoryGroups</i>         | Telegram API type. |
| <i>TopPeerCategoryPhoneCalls</i>     | Telegram API type. |

## TopPeerCategoryPeers

**class** hydrogram.raw.base.TopPeerCategoryPeers

Telegram API base type.

### Constructors:

This base type has 1 constructor available.

|                             |                    |
|-----------------------------|--------------------|
| <i>TopPeerCategoryPeers</i> | Telegram API type. |
|-----------------------------|--------------------|

## Update

**class** hydrogram.raw.base.Update

Telegram API base type.

### Constructors:

This base type has 131 constructors available.

|                                     |                    |
|-------------------------------------|--------------------|
| <i>UpdateAttachMenuBots</i>         | Telegram API type. |
| <i>UpdateAutoSaveSettings</i>       | Telegram API type. |
| <i>UpdateBotCallbackQuery</i>       | Telegram API type. |
| <i>UpdateBotChatBoost</i>           | Telegram API type. |
| <i>UpdateBotChatInviteRequester</i> | Telegram API type. |
| <i>UpdateBotCommands</i>            | Telegram API type. |
| <i>UpdateBotInlineQuery</i>         | Telegram API type. |
| <i>UpdateBotInlineSend</i>          | Telegram API type. |
| <i>UpdateBotMenuButton</i>          | Telegram API type. |
| <i>UpdateBotMessageReaction</i>     | Telegram API type. |
| <i>UpdateBotMessageReactions</i>    | Telegram API type. |
| <i>UpdateBotPrecheckoutQuery</i>    | Telegram API type. |
| <i>UpdateBotShippingQuery</i>       | Telegram API type. |
| <i>UpdateBotStopped</i>             | Telegram API type. |
| <i>UpdateBotWebhookJSON</i>         | Telegram API type. |

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|  |                    |
|--|--------------------|
| <i>UpdateBotWebhookJSONQuery</i>         | Telegram API type. |
| <i>UpdateChannel</i>                     | Telegram API type. |
| <i>UpdateChannelAvailableMessages</i>    | Telegram API type. |
| <i>UpdateChannelMessageForwards</i>      | Telegram API type. |
| <i>UpdateChannelMessageViews</i>         | Telegram API type. |
| <i>UpdateChannelParticipant</i>          | Telegram API type. |
| <i>UpdateChannelPinnedTopic</i>          | Telegram API type. |
| <i>UpdateChannelPinnedTopics</i>         | Telegram API type. |
| <i>UpdateChannelReadMessagesContents</i> | Telegram API type. |
| <i>UpdateChannelTooLong</i>              | Telegram API type. |
| <i>UpdateChannelUserTyping</i>           | Telegram API type. |
| <i>UpdateChannelViewForumAsMessages</i>  | Telegram API type. |
| <i>UpdateChannelWebPage</i>              | Telegram API type. |
| <i>UpdateChat</i>                        | Telegram API type. |
| <i>UpdateChatDefaultBannedRights</i>     | Telegram API type. |
| <i>UpdateChatParticipant</i>             | Telegram API type. |
| <i>UpdateChatParticipantAdd</i>          | Telegram API type. |
| <i>UpdateChatParticipantAdmin</i>        | Telegram API type. |
| <i>UpdateChatParticipantDelete</i>       | Telegram API type. |
| <i>UpdateChatParticipants</i>            | Telegram API type. |
| <i>UpdateChatUserTyping</i>              | Telegram API type. |
| <i>UpdateConfig</i>                      | Telegram API type. |
| <i>UpdateContactsReset</i>               | Telegram API type. |
| <i>UpdateDcOptions</i>                   | Telegram API type. |
| <i>UpdateDeleteChannelMessages</i>       | Telegram API type. |
| <i>UpdateDeleteMessages</i>              | Telegram API type. |
| <i>UpdateDeleteQuickReply</i>            | Telegram API type. |
| <i>UpdateDeleteQuickReplyMessages</i>    | Telegram API type. |
| <i>UpdateDeleteScheduledMessages</i>     | Telegram API type. |
| <i>UpdateDialogFilter</i>                | Telegram API type. |
| <i>UpdateDialogFilterOrder</i>           | Telegram API type. |
| <i>UpdateDialogFilters</i>               | Telegram API type. |
| <i>UpdateDialogPinned</i>                | Telegram API type. |
| <i>UpdateDialogUnreadMark</i>            | Telegram API type. |
| <i>UpdateDraftMessage</i>                | Telegram API type. |
| <i>UpdateEditChannelMessage</i>          | Telegram API type. |
| <i>UpdateEditMessage</i>                 | Telegram API type. |
| <i>UpdateEncryptedChatTyping</i>         | Telegram API type. |
| <i>UpdateEncryptedMessagesRead</i>       | Telegram API type. |
| <i>UpdateEncryption</i>                  | Telegram API type. |
| <i>UpdateFavedStickers</i>               | Telegram API type. |
| <i>UpdateFolderPeers</i>                 | Telegram API type. |
| <i>UpdateGeoLiveViewed</i>               | Telegram API type. |
| <i>UpdateGroupCall</i>                   | Telegram API type. |
| <i>UpdateGroupCallConnection</i>         | Telegram API type. |
| <i>UpdateGroupCallParticipants</i>       | Telegram API type. |
| <i>UpdateGroupInvitePrivacyForbidden</i> | Telegram API type. |
| <i>UpdateInlineBotCallbackQuery</i>      | Telegram API type. |
| <i>UpdateLangPack</i>                    | Telegram API type. |
| <i>UpdateLangPackTooLong</i>             | Telegram API type. |
| <i>UpdateLoginToken</i>                  | Telegram API type. |
| <i>UpdateMessageExtendedMedia</i>        | Telegram API type. |

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|  |                    |
|--|--------------------|
| <i>UpdateMessageID</i>                   | Telegram API type. |
| <i>UpdateMessagePoll</i>                 | Telegram API type. |
| <i>UpdateMessagePollVote</i>             | Telegram API type. |
| <i>UpdateMessageReactions</i>            | Telegram API type. |
| <i>UpdateMoveStickerSetToTop</i>         | Telegram API type. |
| <i>UpdateNewAuthorization</i>            | Telegram API type. |
| <i>UpdateNewChannelMessage</i>           | Telegram API type. |
| <i>UpdateNewEncryptedMessage</i>         | Telegram API type. |
| <i>UpdateNewMessage</i>                  | Telegram API type. |
| <i>UpdateNewQuickReply</i>               | Telegram API type. |
| <i>UpdateNewScheduledMessage</i>         | Telegram API type. |
| <i>UpdateNewStickerSet</i>               | Telegram API type. |
| <i>UpdateNotifySettings</i>              | Telegram API type. |
| <i>UpdatePeerBlocked</i>                 | Telegram API type. |
| <i>UpdatePeerHistoryTTL</i>              | Telegram API type. |
| <i>UpdatePeerLocated</i>                 | Telegram API type. |
| <i>UpdatePeerSettings</i>                | Telegram API type. |
| <i>UpdatePeerWallpaper</i>               | Telegram API type. |
| <i>UpdatePendingJoinRequests</i>         | Telegram API type. |
| <i>UpdatePhoneCall</i>                   | Telegram API type. |
| <i>UpdatePhoneCallSignalingData</i>      | Telegram API type. |
| <i>UpdatePinnedChannelMessages</i>       | Telegram API type. |
| <i>UpdatePinnedDialogs</i>               | Telegram API type. |
| <i>UpdatePinnedMessages</i>              | Telegram API type. |
| <i>UpdatePinnedSavedDialogs</i>          | Telegram API type. |
| <i>UpdatePrivacy</i>                     | Telegram API type. |
| <i>UpdatePtsChanged</i>                  | Telegram API type. |
| <i>UpdateQuickReplies</i>                | Telegram API type. |
| <i>UpdateQuickReplyMessage</i>           | Telegram API type. |
| <i>UpdateReadChannelDiscussionInbox</i>  | Telegram API type. |
| <i>UpdateReadChannelDiscussionOutbox</i> | Telegram API type. |
| <i>UpdateReadChannelInbox</i>            | Telegram API type. |
| <i>UpdateReadChannelOutbox</i>           | Telegram API type. |
| <i>UpdateReadFeaturedEmojiStickers</i>   | Telegram API type. |
| <i>UpdateReadFeaturedStickers</i>        | Telegram API type. |
| <i>UpdateReadHistoryInbox</i>            | Telegram API type. |
| <i>UpdateReadHistoryOutbox</i>           | Telegram API type. |
| <i>UpdateReadMessagesContents</i>        | Telegram API type. |
| <i>UpdateReadStories</i>                 | Telegram API type. |
| <i>UpdateRecentEmojiStatuses</i>         | Telegram API type. |
| <i>UpdateRecentReactions</i>             | Telegram API type. |
| <i>UpdateRecentStickers</i>              | Telegram API type. |
| <i>UpdateSavedDialogPinned</i>           | Telegram API type. |
| <i>UpdateSavedGifs</i>                   | Telegram API type. |
| <i>UpdateSavedReactionTags</i>           | Telegram API type. |
| <i>UpdateSavedRingtones</i>              | Telegram API type. |
| <i>UpdateSentStoryReaction</i>           | Telegram API type. |
| <i>UpdateServiceNotification</i>         | Telegram API type. |
| <i>UpdateSmsJob</i>                      | Telegram API type. |
| <i>UpdateStickerSets</i>                 | Telegram API type. |
| <i>UpdateStickerSetsOrder</i>            | Telegram API type. |
| <i>UpdateStoriesStealthMode</i>          | Telegram API type. |

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|                                |                    |
|--------------------------------|--------------------|
| <i>UpdateStory</i>             | Telegram API type. |
| <i>UpdateStoryID</i>           | Telegram API type. |
| <i>UpdateTheme</i>             | Telegram API type. |
| <i>UpdateTranscribedAudio</i>  | Telegram API type. |
| <i>UpdateUser</i>              | Telegram API type. |
| <i>UpdateUserEmojiStatus</i>   | Telegram API type. |
| <i>UpdateUserName</i>          | Telegram API type. |
| <i>UpdateUserPhone</i>         | Telegram API type. |
| <i>UpdateUserStatus</i>        | Telegram API type. |
| <i>UpdateUserTyping</i>        | Telegram API type. |
| <i>UpdateWebPage</i>           | Telegram API type. |
| <i>UpdateWebViewResultSent</i> | Telegram API type. |

## Updates

**class** `hydrogram.raw.base.Updates`

Telegram API base type.

### Constructors:

This base type has 7 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>UpdateShort</i>            | Telegram API type. |
| <i>UpdateShortChatMessage</i> | Telegram API type. |
| <i>UpdateShortMessage</i>     | Telegram API type. |
| <i>UpdateShortSentMessage</i> | Telegram API type. |
| <i>Updates</i>                | Telegram API type. |
| <i>UpdatesCombined</i>        | Telegram API type. |
| <i>UpdatesTooLong</i>         | Telegram API type. |

### Functions:

This object can be returned by 101 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.GetNotifyExceptions</i> | Telegram API function. |
| <i>account.UpdateConnectedBot</i>  | Telegram API function. |
| <i>contacts.DeleteContacts</i>     | Telegram API function. |
| <i>contacts.AddContact</i>         | Telegram API function. |
| <i>contacts.AcceptContact</i>      | Telegram API function. |
| <i>contacts.GetLocated</i>         | Telegram API function. |
| <i>contacts.BlockFromReplies</i>   | Telegram API function. |
| <i>messages.SendMessage</i>        | Telegram API function. |
| <i>messages.SendMedia</i>          | Telegram API function. |
| <i>messages.ForwardMessages</i>    | Telegram API function. |
| <i>messages.EditChatTitle</i>      | Telegram API function. |
| <i>messages.EditChatPhoto</i>      | Telegram API function. |
| <i>messages.AddChatUser</i>        | Telegram API function. |
| <i>messages.DeleteChatUser</i>     | Telegram API function. |
| <i>messages.CreateChat</i>         | Telegram API function. |
| <i>messages.ImportChatInvite</i>   | Telegram API function. |
| <i>messages.StartBot</i>           | Telegram API function. |

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|   |                        |
|---|------------------------|
| <i>messages.MigrateChat</i>                 | Telegram API function. |
| <i>messages.SendInlineBotResult</i>         | Telegram API function. |
| <i>messages.EditMessage</i>                 | Telegram API function. |
| <i>messages.GetAllDrafts</i>                | Telegram API function. |
| <i>messages.SetGameScore</i>                | Telegram API function. |
| <i>messages.SendScreenshotNotification</i>  | Telegram API function. |
| <i>messages.SendMultiMedia</i>              | Telegram API function. |
| <i>messages.UpdatePinnedMessage</i>         | Telegram API function. |
| <i>messages.SendVote</i>                    | Telegram API function. |
| <i>messages.GetPollResults</i>              | Telegram API function. |
| <i>messages.EditChatDefaultBannedRights</i> | Telegram API function. |
| <i>messages.SendScheduledMessages</i>       | Telegram API function. |
| <i>messages.DeleteScheduledMessages</i>     | Telegram API function. |
| <i>messages.SetHistoryTTL</i>               | Telegram API function. |
| <i>messages.SetChatTheme</i>                | Telegram API function. |
| <i>messages.HideChatJoinRequest</i>         | Telegram API function. |
| <i>messages.HideAllChatJoinRequests</i>     | Telegram API function. |
| <i>messages.ToggleNoForwards</i>            | Telegram API function. |
| <i>messages.SendReaction</i>                | Telegram API function. |
| <i>messages.GetMessagesReactions</i>        | Telegram API function. |
| <i>messages.SetChatAvailableReactions</i>   | Telegram API function. |
| <i>messages.SendWebViewData</i>             | Telegram API function. |
| <i>messages.GetExtendedMedia</i>            | Telegram API function. |
| <i>messages.SendBotRequestedPeer</i>        | Telegram API function. |
| <i>messages.SetChatWallPaper</i>            | Telegram API function. |
| <i>messages.SendQuickReplyMessages</i>      | Telegram API function. |
| <i>messages.DeleteQuickReplyMessages</i>    | Telegram API function. |
| <i>channels.CreateChannel</i>               | Telegram API function. |
| <i>channels.EditAdmin</i>                   | Telegram API function. |
| <i>channels.EditTitle</i>                   | Telegram API function. |
| <i>channels.EditPhoto</i>                   | Telegram API function. |
| <i>channels.JoinChannel</i>                 | Telegram API function. |
| <i>channels.LeaveChannel</i>                | Telegram API function. |
| <i>channels.InviteToChannel</i>             | Telegram API function. |
| <i>channels.DeleteChannel</i>               | Telegram API function. |
| <i>channels.ToggleSignatures</i>            | Telegram API function. |
| <i>channels.EditBanned</i>                  | Telegram API function. |
| <i>channels.DeleteHistory</i>               | Telegram API function. |
| <i>channels.TogglePreHistoryHidden</i>      | Telegram API function. |
| <i>channels.EditCreator</i>                 | Telegram API function. |
| <i>channels.ToggleSlowMode</i>              | Telegram API function. |
| <i>channels.ConvertToGigagroup</i>          | Telegram API function. |
| <i>channels.ToggleJoinToSend</i>            | Telegram API function. |
| <i>channels.ToggleJoinRequest</i>           | Telegram API function. |
| <i>channels.ToggleForum</i>                 | Telegram API function. |
| <i>channels.CreateForumTopic</i>            | Telegram API function. |
| <i>channels.EditForumTopic</i>              | Telegram API function. |
| <i>channels.UpdatePinnedForumTopic</i>      | Telegram API function. |
| <i>channels.ReorderPinnedForumTopics</i>    | Telegram API function. |
| <i>channels.ToggleAntiSpam</i>              | Telegram API function. |
| <i>channels.ToggleParticipantsHidden</i>    | Telegram API function. |
| <i>channels.UpdateColor</i>                 | Telegram API function. |

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|  |                        |
|--|------------------------|
| <i>channels.ToggleViewForumAsMessages</i>      | Telegram API function. |
| <i>channels.UpdateEmojiStatus</i>              | Telegram API function. |
| <i>channels.SetBoostsToUnblockRestrictions</i> | Telegram API function. |
| <i>bots.AllowSendMessage</i>                   | Telegram API function. |
| <i>payments.AssignAppStoreTransaction</i>      | Telegram API function. |
| <i>payments.AssignPlayMarketTransaction</i>    | Telegram API function. |
| <i>payments.ApplyGiftCode</i>                  | Telegram API function. |
| <i>payments.LaunchPrepaidGiveaway</i>          | Telegram API function. |
| <i>phone.DiscardCall</i>                       | Telegram API function. |
| <i>phone.SetCallRating</i>                     | Telegram API function. |
| <i>phone.CreateGroupCall</i>                   | Telegram API function. |
| <i>phone.JoinGroupCall</i>                     | Telegram API function. |
| <i>phone.LeaveGroupCall</i>                    | Telegram API function. |
| <i>phone.InviteToGroupCall</i>                 | Telegram API function. |
| <i>phone.DiscardGroupCall</i>                  | Telegram API function. |
| <i>phone.ToggleGroupCallSettings</i>           | Telegram API function. |
| <i>phone.ToggleGroupCallRecord</i>             | Telegram API function. |
| <i>phone.EditGroupCallParticipant</i>          | Telegram API function. |
| <i>phone.EditGroupCallTitle</i>                | Telegram API function. |
| <i>phone.ToggleGroupCallStartSubscription</i>  | Telegram API function. |
| <i>phone.StartScheduledGroupCall</i>           | Telegram API function. |
| <i>phone.JoinGroupCallPresentation</i>         | Telegram API function. |
| <i>phone.LeaveGroupCallPresentation</i>        | Telegram API function. |
| <i>folders.EditPeerFolders</i>                 | Telegram API function. |
| <i>chatlists.JoinChatlistInvite</i>            | Telegram API function. |
| <i>chatlists.JoinChatlistUpdates</i>           | Telegram API function. |
| <i>chatlists.LeaveChatlist</i>                 | Telegram API function. |
| <i>stories.SendStory</i>                       | Telegram API function. |
| <i>stories.EditStory</i>                       | Telegram API function. |
| <i>stories.ActivateStealthMode</i>             | Telegram API function. |
| <i>stories.SendReaction</i>                    | Telegram API function. |
| <i>stories.GetAllReadPeerStories</i>           | Telegram API function. |

## UrlAuthResult

**class** hydrogram.raw.base.UrlAuthResult

Telegram API base type.

### Constructors:

This base type has 3 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>UrlAuthResultAccepted</i> | Telegram API type. |
| <i>UrlAuthResultDefault</i>  | Telegram API type. |
| <i>UrlAuthResultRequest</i>  | Telegram API type. |

### Functions:

This object can be returned by 2 functions.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.RequestUrlAuth</i> | Telegram API function. |
| <i>messages.AcceptUrlAuth</i>  | Telegram API function. |

## User

**class** hydrogram.raw.base.**User**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                  |                    |
|------------------|--------------------|
| <i>User</i>      | Telegram API type. |
| <i>UserEmpty</i> | Telegram API type. |

**Functions:**

This object can be returned by 5 functions.

|                                    |                        |
|------------------------------------|------------------------|
| <i>account.UpdateProfile</i>       | Telegram API function. |
| <i>account.UpdateUsername</i>      | Telegram API function. |
| <i>account.ChangePhone</i>         | Telegram API function. |
| <i>users.GetUsers</i>              | Telegram API function. |
| <i>contacts.ImportContactToken</i> | Telegram API function. |

## UserFull

**class** hydrogram.raw.base.**UserFull**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>UserFull</i> | Telegram API type. |
|-----------------|--------------------|

## UserProfilePhoto

**class** hydrogram.raw.base.**UserProfilePhoto**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>UserProfilePhoto</i>      | Telegram API type. |
| <i>UserProfilePhotoEmpty</i> | Telegram API type. |

### UserStatus

**class** hydrogram.raw.base.UserStatus

Telegram API base type.

**Constructors:**

This base type has 6 constructors available.

|                            |                    |
|----------------------------|--------------------|
| <i>UserStatusEmpty</i>     | Telegram API type. |
| <i>UserStatusLastMonth</i> | Telegram API type. |
| <i>UserStatusLastWeek</i>  | Telegram API type. |
| <i>UserStatusOffline</i>   | Telegram API type. |
| <i>UserStatusOnline</i>    | Telegram API type. |
| <i>UserStatusRecently</i>  | Telegram API type. |

### Username

**class** hydrogram.raw.base.Username

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                 |                    |
|-----------------|--------------------|
| <i>Username</i> | Telegram API type. |
|-----------------|--------------------|

### VideoSize

**class** hydrogram.raw.base.VideoSize

Telegram API base type.

**Constructors:**

This base type has 3 constructors available.

|                               |                    |
|-------------------------------|--------------------|
| <i>VideoSize</i>              | Telegram API type. |
| <i>VideoSizeEmojiMarkup</i>   | Telegram API type. |
| <i>VideoSizeStickerMarkup</i> | Telegram API type. |

### WallPaper

**class** hydrogram.raw.base.WallPaper

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                        |                    |
|------------------------|--------------------|
| <i>WallPaper</i>       | Telegram API type. |
| <i>WallPaperNoFile</i> | Telegram API type. |

**Functions:**

This object can be returned by 3 functions.

|                                   |                        |
|-----------------------------------|------------------------|
| <i>account.GetWallPaper</i>       | Telegram API function. |
| <i>account.UploadWallPaper</i>    | Telegram API function. |
| <i>account.GetMultiWallPapers</i> | Telegram API function. |

**WallPaperSettings**

**class** hydrogram.raw.base.**WallPaperSettings**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                          |                    |
|--------------------------|--------------------|
| <i>WallPaperSettings</i> | Telegram API type. |
|--------------------------|--------------------|

**WebAuthorization**

**class** hydrogram.raw.base.**WebAuthorization**

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>WebAuthorization</i> | Telegram API type. |
|-------------------------|--------------------|

**WebDocument**

**class** hydrogram.raw.base.**WebDocument**

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>WebDocument</i>        | Telegram API type. |
| <i>WebDocumentNoProxy</i> | Telegram API type. |

**WebPage**

**class** hydrogram.raw.base.**WebPage**

Telegram API base type.

**Constructors:**

This base type has 4 constructors available.

|                           |                    |
|---------------------------|--------------------|
| <i>WebPage</i>            | Telegram API type. |
| <i>WebPageEmpty</i>       | Telegram API type. |
| <i>WebPageNotModified</i> | Telegram API type. |
| <i>WebPagePending</i>     | Telegram API type. |

## WebPageAttribute

**class** hydrogram.raw.base.WebPageAttribute

Telegram API base type.

**Constructors:**

This base type has 2 constructors available.

|                              |                    |
|------------------------------|--------------------|
| <i>WebPageAttributeStory</i> | Telegram API type. |
| <i>WebPageAttributeTheme</i> | Telegram API type. |

## WebViewMessageSent

**class** hydrogram.raw.base.WebViewMessageSent

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                           |                    |
|---------------------------|--------------------|
| <i>WebViewMessageSent</i> | Telegram API type. |
|---------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|  |                        |
|--|------------------------|
| <i>messages.SendWebViewResultMessage</i> | Telegram API function. |
|--|------------------------|

## WebViewResult

**class** hydrogram.raw.base.WebViewResult

Telegram API base type.

**Constructors:**

This base type has 1 constructor available.

|                         |                    |
|-------------------------|--------------------|
| <i>WebViewResultUrl</i> | Telegram API type. |
|-------------------------|--------------------|

**Functions:**

This object can be returned by 1 function.

|                                |                        |
|--------------------------------|------------------------|
| <i>messages.RequestWebView</i> | Telegram API function. |
|--------------------------------|------------------------|



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