
BrainPywer

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CHAPTER 1

Recent Updates

We will put updates and changelogs here as we progress into the project, but for now just read the api page(s).

Events

BrainPywer Events Implementation Some implementation details taken from discord.py written by Danny/Rapptz at <https://github.com/Rapptz/discord.py>

class `brainpywer.events.Events`

add (*func*)

This is the decorator version of adding events

Parameters **func** (*function*) – The function we’re registering as an event

Returns `func`

dispatch (*message*)

This function takes a message received from the Dispatcher and sends it to the proper handler. If no handler is defined, we call the default handler which should always be defined.

Parameters **message** (*tuple (event name, relevant data)*) – The message to be dispatched.

Returns Nothing

has_handler (*event*)

Do we have a handler defined for this event?

Parameters **event** (*str*) – The event name to handle

Returns True if we have a handler defined

Returns False if no handler is defined for the event

register (*func*)

This is a method for programatically adding new events

Parameters **func** (*function*) – The function we’re registering as an event

Returns func

unregister (*func*)

This is a method for programatically removing events

Parameters **func** (*str*) – The name of the event to unregister

Returns False if we failed to find the function to remove

Returns True if we removed the function

Dispatcher

Http-thingamabob

BrainPywer Gateway testing implementation

class `brainpywer.http.HttpClient` (*token: str*)

HttpClient Class for things

API_BASE = 'https://discordapp.com/api/v6'

BASE_URL = 'https://discordapp.com'

CHANNELS = 'https://discordapp.com/api/v6/channels'

GATEWAY = 'https://discordapp.com/api/v6/gateway/bot'

GUILDS = 'https://discordapp.com/api/v6/guilds'

USERS = 'https://discordapp.com/api/v6/users'

del_channel (*channel: str*)

Parameters **channel** –

Returns

delete_message (*channel: str, message: str*)

Parameters

• **channel** –

• **message** –

Returns

edit_message (*channel: str, message: str*)

Parameters

• **channel** –

• **message** –

Returns

get_channel (*channel: str*)

Get a channel by ID. Returns a guild channel or dm channel object.

Parameters **channel** (*str*) – channel id to get

Returns

get_channel_message (*channel: str, message: str*)

Parameters

- **channel** –
- **message** –

Returns

get_channel_messages (*channel: str*)

Parameters **channel** –

Returns

get_gateway ()

Return the wss url to connect to.

Returns wss url

Return type str

mod_channel (*channel: str, *args*)

Parameters

- **channel** –
- **args** –

Returns

send_file (*channel: str, content: str, file: str, tts: bool = False*)

Parameters

- **channel** –
- **content** –
- **file** –
- **tts** –

Returns

send_message (*channel: str, content: str, tts: bool = False*)

Parameters

- **channel** –
- **content** –
- **tts** –

Returns

Interface

Util Functions

`brainpywer.tinyutils.thaw` (*snowflake*)

Tiny function to return the unix timestamp of a snowflake

Parameters `snowflake` (*int*) – a discord snowflake (It's unique, just like you! ha.)

Returns unix timestamp of the message

Return type `int`

- `genindex`

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