
hypixelapi

Release 0.1.0

Mar 05, 2020

Contents

1 Getting Started	3
1.1 Installation	3
1.2 Usage	3
2 Documentation	5
3 Examples	9
4 Updates	11
5 FAQ	13
Python Module Index	15
Index	17

This is an unofficial Python3 wrapper for the HypixelAPI, inspired by [Snuggle's hypixel.py](#).

CHAPTER 1

Getting Started

1.1 Installation

To install run:

```
pip install hypixelapi
```

1.2 Usage

First, run /api on the Hypixel server to get your own key.

```
1 from hypixelapi import HypixelAPI
2 api = HypixelAPI('your-key-here')
3 response = api.get_player_json('uuid')
4 print(response)
```

Some examples are provided on [GitHub](#).

For detailed documentation of each function see the [API documentation](#).

For documentation of the official API see [here](#). This will also provide details on the format of the response JSON, or you can print each JSON yourself (I recommend the `pprint` module) to see the format.

CHAPTER 2

Documentation

```
class hypixelapi.HypixelAPI(key)
```

The HypixelAPI class used for calling all functions related to the API.

```
get_all_skyblock_profiles(uuid)
```

Retrieves all Skyblock profiles for a single player.

Parameters `uuid` – A player’s UUID (either trimmed form or one with dashes)

Returns A dictionary of all the user’s Skyblock profiles

```
get_boosters()
```

Gets full JSON data about boosters

Returns All current booster information as a dictionary

```
get_current_skyblock_auctions(page=0)
```

Gets information about Skyblock’s current auctions

Parameters `page` – The page to retrieve (starting from 0, 1000 results on each page)

Returns Current auction information as a dictionary

```
get_friends(uuid)
```

Finds friends of a player.

Parameters `uuid` – A player’s UUID (either trimmed form or one with dashes)

Returns A list of the player’s friends as a dictionary

```
get_game_counts()
```

Gets information about the number of players in each gamemode.

Returns Gamemode’s player counts as a dictionary

```
get_guild_by_guildid(uuid)
```

Retrieves guild information by guild ID

Parameters `uuid` – A guild UUID

Returns The guild information as a dictionary

get_guild_by_name (*name*)

Finds guild information by name

Parameters **name** – The name of a guild

Returns The guild information as a dictionary

get_guild_by_player (*uuid*)

Retrieves guild information by member UUID

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns The guild information as a dictionary

get_leaderboards ()

Gets information about game's leaderboards.

Returns Gamemode's leaderboards as a dictionary

get_player_count ()

Returns the total number of players on the server

Returns Total number of players as a dictionary

get_player_info (*uuid*)

Gets some basic information about a player.

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns Player's displayname, uuid, rank and possibly social media and karma.

get_player_json (*uuid*)

Gets the full JSON of a player by their UUID.

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns Player's full JSON

get_player_rank (*uuid*)

Gets rank information about a player.

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns Player's rank information (including current_rank and underlying_rank) as a dictionary

get_resources (*resource_type*)

Gets information about static resources

Returns Resource data as a dictionary

get_session (*uuid*)

SOON TO BE REMOVED: Gets information about a player's session.

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns Player's session information as a dictionary

get_skyblock_auctions_by_auctionid (*uuid*)

Gets information about a specific auction

Parameters **uuid** – A Skyblock auction ID

Returns Auction information as a dictionary

get_skyblock_auctions_by_player (*uuid*)

Gets information about a player's auctions

Parameters **uuid** – A player's UUID (either trimmed form or one with dashes)

Returns Player's auction data as a dictionary

get_skyblock_auctions_by_profileid(*uuid*)
Gets information about a Skyblock profile's auctions

Parameters **uuid** – A Skyblock profile ID

Returns Profile's auction information as a dictionary

get_skyblock_news()
Gets Skyblock news

Returns Skyblock news as a dictionary

get_skyblock_profile_by_profileid(*uuid, player_uuid=None*)
Retrieves a Skyblock profile

Parameters

- **uuid** – A Skyblock profile UUID
- **player_uuid** (*str, optional*) – A player UUID: only used if a singular player's data is wanted rather than all the members of the profile.

Returns A dictionary of the requested Skyblock profile

get_watchdog_stats()
Gets Watchdog statistics.

Returns Watchdog statistics as a dictionary

exception hypixelapi.HypixelError
General error when something has gone wrong. Can be caught with `except hypixelapi.HypixelError`

exception hypixelapi.PlayerNotFoundError
Exception that is thrown when a player isn't found. Can be caught with `except hypixelapi.PlayerNotFoundError`

CHAPTER 3

Examples

There are some examples of usage available on [GitHub](#).

They provide a starting point for anyone wanting to use this package, and will continue to be added to as required.

CHAPTER 4

Updates

Current version: *0.1.4*

CHAPTER 5

FAQ

Nothing here yet, ask some questions!

Python Module Index

h

`hypixelapi`, 5

Index

G

get_all_skyblock_profiles() (*hypixelapi.HypixelAPI method*), 5
get_boosters() (*hypixelapi.HypixelAPI method*), 5
get_current_skyblock_auctions() (*hypixelapi.HypixelAPI method*), 5
get_friends() (*hypixelapi.HypixelAPI method*), 5
get_game_counts() (*hypixelapi.HypixelAPI method*), 5
get_guild_by_guildid() (*hypixelapi.HypixelAPI method*), 5
get_guild_by_name() (*hypixelapi.HypixelAPI method*), 5
get_guild_by_player() (*hypixelapi.HypixelAPI method*), 6
get_leaderboards() (*hypixelapi.HypixelAPI method*), 6
get_player_count() (*hypixelapi.HypixelAPI method*), 6
get_player_info() (*hypixelapi.HypixelAPI method*), 6
get_player_json() (*hypixelapi.HypixelAPI method*), 6
get_player_rank() (*hypixelapi.HypixelAPI method*), 6
get_resources() (*hypixelapi.HypixelAPI method*), 6
get_session() (*hypixelapi.HypixelAPI method*), 6
get_skyblock_auctions_by_auctionid() (*hypixelapi.HypixelAPI method*), 6
get_skyblock_auctions_by_player() (*hypixelapi.HypixelAPI method*), 6
get_skyblock_auctions_by_profileid() (*hypixelapi.HypixelAPI method*), 7
get_skyblock_news() (*hypixelapi.HypixelAPI method*), 7
get_skyblock_profile_by_profileid() (*hypixelapi.HypixelAPI method*), 7
get_watchdog_stats() (*hypixelapi.HypixelAPI*

H

HypixelAPI (*class in hypixelapi*), 5
hypixelapi (*module*), 5
HypixelError, 7

P

PlayerNotFoundError, 7