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# **a Documentation**

***Release 1.0.0***

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A Python wrapper for Gyazo API.



## 1.1 Quickstart

### 1.1.1 Requirements

- Python 2.7+
- Python 3.4+
- PyPy
- PyPy3

### 1.1.2 Installation

```
pip install python-gyazo
```

### 1.1.3 Usage

At first, you must create an application and get an access token from <https://gyazo.com/oauth/applications>

```
from gyazo import Api

client = Api(access_token='YOUR_ACCESS_TOKEN')

### Get a list of images
images = client.get_image_list()
for image in images:
    print(str(image))
```

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```

### Using an image model
image = images[0]
print("Image ID: " + image.image_id)
print("URL: " + image.url)

### Download an image
if image.url:
    with open(image.filename, 'wb') as f:
        f.write(image.download())

### Upload an image
with open('sample.png', 'rb') as f:
    image = client.upload_image(f)
    print(image.to_json())

### Delete an image
client.delete_image('IMAGE_ID')

### oEmbed
image = images[0]
print(client.get_oembed(image.permalink_url))

```

## 1.2 Reference

### 1.2.1 gyazo.Api class

**class** `gyazo.Api` (*client\_id=None*, *client\_secret=None*, *access\_token=None*,  
*api\_url='https://api.gyazo.com'*, *upload\_url='https://upload.gyazo.com'*)

Bases: `object`

A Python interface for Gyazo API

**delete\_image** (*image\_id*)

Delete an image

**Parameters** *image\_id* – Image ID

**get\_image\_list** (*page=1*, *per\_page=20*)

Return a list of user's saved images

**Parameters**

- **page** – (optional) Page number (default: 1)
- **per\_page** – (optional) Number of images per page (default: 20, min: 1, max: 100)

**get\_oembed** (*url*)

Return an oEmbed format json dictionary

**Parameters** *url* – Image page URL (ex. <http://gyazo.com/xxxxx>)

**upload\_image** (*image\_file*, *referer\_url=None*, *title=None*, *desc=None*, *created\_at=None*, *collection\_id=None*)

Upload an image

**Parameters**

- **image\_file** – File-like object of an image file



- **referrer\_url** – Referrer site URL
- **title** – Site title
- **desc** – Comment
- **created\_at** – Image’s created time in unix time
- **collection\_id** – Collection ID

### 1.2.2 gyazo.GyazoError class

**class** `gyazo.GyazoError`

Bases: `Exception`

Base class for Gyazo errors

### 1.2.3 gyazo.Image class

**class** `gyazo.Image` (*\*\*kwargs*)

Bases: `object`

A class representing an image of Gyazo

**created\_at** = `None`

The time this image was created

**download**()

Download an image file if it exists

Raises *GyazoError* –

**download\_thumb**()

Download a thumbnail image file

Raises *GyazoError* –

**filename**

An image filename

**Getter** Return an image filename if it exists

**static from\_dict** (*data*)

Create a new instance from dict

Parameters **data** – A JSON dict

**image\_id** = `None`

An image ID

**local\_created\_at**

The time this image was created in local time zone

**Getter** Return the time this image was created in local time zone

**permalink\_url** = `None`

A permalink URL

**thumb\_filename**

A thumbnail image filename

**Getter** Return a thumbnail filename

**thumb\_url = None**

A thumbnail URL

**to\_dict()**

Return a dict representation of this instance

**to\_json** (*indent=None, sort\_keys=True*)

Return a JSON string representation of this instance

**Parameters**

- **indent** – specify an indent level or a string used to indent each level
- **sort\_keys** – the output is sorted by key

**type = None**

A type of the image

**url = None**

An image URL

## 1.2.4 gyazo.ImageList class

**class** gyazo.**ImageList** (*\*\*kwargs*)

Bases: object

A class representing a list of gyazo.Image

**current\_page = None**

Current page number

**static from\_list** (*data*)

Create a new instance from list

**Parameters** **data** – A JSON list

**has\_next\_page()**

Whether there is a next page or not

**Getter** Return true if there is a next page

**has\_previous\_page()**

Whether there is a previous page or not

**Getter** Return true if there is a previous page

**images = None**

List of images

**num\_pages**

The number of pages

**Getter** Return the number of pages

**per\_page = None**

The number of images per page

**set\_attributes\_from\_headers** (*headers*)

Set instance attributes with HTTP header

**Parameters** **headers** – HTTP header

**to\_json** (*indent=None, sort\_keys=True*)

Return a JSON string representation of this instance

#### Parameters

- **indent** – specify an indent level or a string used to indent each level
- **sort\_keys** – the output of dictionaries is sorted by key

**total\_count = None**  
The number of images

**user\_type = None**  
User type

## 1.3 License

MIT License. Please see [LICENSE](#).

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## CHAPTER 2

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### Links

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- [Gyazo API](#)
- [Source code](#)



## CHAPTER 3

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### Indices and tables

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