
a Documentation

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CONTENTS

1	Contents	3
1.1	Quickstart	3
1.2	Reference	4
1.3	License	7
2	Links	9
3	Indices and tables	11
	Index	13

A Python wrapper for Gyazo API.

CONTENTS

1.1 Quickstart

1.1.1 Requirements

- Python 3.5+

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))

### 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())
```

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```
### 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: Optional[str] = None, client_secret: Optional[str] = None, access_token: Optional[str] = None, api_url: str = 'https://api.gyazo.com', upload_url: str = 'https://upload.gyazo.com'*)

Bases: `object`

A Python interface for Gyazo API

delete_image (*image_id: str*) → `gyazo.image.Image`
Delete an image

Parameters *image_id* – Image ID

get_image (*image_id: str*) → `gyazo.image.Image`
Get an image

Parameters *image_id* – Image ID

get_image_list (*page: int = 1, per_page: int = 20*) → `gyazo.image.ImageList`
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: str*) → `Dict[str, Any]`
Return an oEmbed format json dictionary

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

upload_image (*image_file: BinaryIO, referer_url: Optional[str] = None, title: Optional[str] = None, desc: Optional[str] = None, created_at: Optional[float] = None, collection_id: Optional[str] = None*) → `gyazo.image.Image`
Upload an image

Parameters

- **image_file** – File-like object of an image file
- **referer_url** – Referer 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: Any*)

Bases: `object`

A class representing an image of Gyazo

created_at = `None`

The time this image was created

download () → `Optional[bytes]`

Download an image file if it exists

Raises *GyazoError* –

download_thumb () → `Optional[bytes]`

Download a thumbnail image file

Raises *GyazoError* –

property filename

An image filename

Getter Return an image filename if it exists

static from_dict (*data: Mapping[str, Any]*) → `gyazo.image.Image`

Create a new instance from dict

Parameters *data* – A JSON dict

image_id = `None`

An image ID

property 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

ocr = `None`

Result of OCR

permalink_url = `None`

A permalink URL

property thumb_filename

A thumbnail image filename

Getter Return a thumbnail filename

thumb_url = `None`

A thumbnail URL

to_dict () → `Dict[str, Any]`

Return a dict representation of this instance

to_json (*indent: Union[int, str, None] = None, sort_keys: bool = True*) → str
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: Any*)
Bases: object

A class representing a list of gyazo.Image

current_page = None
Current page number (1-index)

static from_list (*data: Iterable[Mapping[str, Any]]*) → gyazo.image.ImageList
Create a new instance from list

Parameters data – A JSON list

property has_next_page
Whether there is a next page or not

Getter Return true if there is a next page

property 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

property 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: Mapping[str, str]*) → None
Set instance attributes with HTTP header

Parameters headers – HTTP header

to_json (*indent: Union[int, str, None] = None, sort_keys: bool = True*) → str
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](#).

CHAPTER TWO

LINKS

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

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

A

`Api` (class in `gyazo`), 4

C

`created_at` (`gyazo.Image` attribute), 5

`current_page` (`gyazo.ImageList` attribute), 6

D

`delete_image()` (`gyazo.Api` method), 4

`download()` (`gyazo.Image` method), 5

`download_thumb()` (`gyazo.Image` method), 5

F

`filename()` (`gyazo.Image` property), 5

`from_dict()` (`gyazo.Image` static method), 5

`from_list()` (`gyazo.ImageList` static method), 6

G

`get_image()` (`gyazo.Api` method), 4

`get_image_list()` (`gyazo.Api` method), 4

`get_oembed()` (`gyazo.Api` method), 4

`GyazoError` (class in `gyazo`), 5

H

`has_next_page()` (`gyazo.ImageList` property), 6

`has_previous_page()` (`gyazo.ImageList` property),
6

I

`Image` (class in `gyazo`), 5

`image_id` (`gyazo.Image` attribute), 5

`ImageList` (class in `gyazo`), 6

`images` (`gyazo.ImageList` attribute), 6

L

`local_created_at()` (`gyazo.Image` property), 5

N

`num_pages()` (`gyazo.ImageList` property), 6

O

`ocr` (`gyazo.Image` attribute), 5

P

`per_page` (`gyazo.ImageList` attribute), 6

`permalink_url` (`gyazo.Image` attribute), 5

S

`set_attributes_from_headers()`
(`gyazo.ImageList` method), 6

T

`thumb_filename()` (`gyazo.Image` property), 5

`thumb_url` (`gyazo.Image` attribute), 5

`to_dict()` (`gyazo.Image` method), 5

`to_json()` (`gyazo.Image` method), 5

`to_json()` (`gyazo.ImageList` method), 6

`total_count` (`gyazo.ImageList` attribute), 6

`type` (`gyazo.Image` attribute), 6

U

`upload_image()` (`gyazo.Api` method), 4

`url` (`gyazo.Image` attribute), 6

`user_type` (`gyazo.ImageList` attribute), 7