Shopify Requests

Release v0.3.0

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API DOCS:

The ShopifyRequests library is a wrapper around the python requests library. Its main purpose is to remove the boiler plate code needed to do basic API calls to Shopify.

CHAPTER

ONE

USER'S GUIDE

The *RestClient* is meant to be as simple as using the requests library. All the http verbs needed for REST calls are available.

- GET
- PUT
- POST
- PATCH
- DELETE

OAuth token example:

```
from shopify_requests import RestClient
client = RestClient(
    'foo.myshopify.com',
    access_token='abc123',
)
response = client.get('shop.json')
```

Private app example:

```
from shopify_requests import RestClient
client = RestClient(
    'foo.myshopify.com',
    username='1234',
    password='asdf',
)
response = client.get('shop.json')
```

By default the client also has safe retries enabled to help with network issues. If a request fails to send data to Shopify, it will be retried a 3 times before returning the failure response. This can be configured with the *connect_retries* parameter.

```
from shopify_requests import RestClient
client = RestClient(
    'foo.myshopify.com',
    access_token='abc123',
    connect_retries=5,
)
response = client.get('shop.json')
```

Reusing the client has the added benefit of reusing the http session once the connection is established. This means that subsequent calls will not have to do the SSL handshake.

CHAPTER

TWO

API DOCS

2.1 shopify_requests

2.1.1 shopify_requests package

Submodules

shopify_requests.rest_client module

class shopify_requests.rest_client.**RestClient**(*myshopify_domain*, *access_token=None*, *username=None*, *password=None*, *connect_retries=None*, *backoff_factor=None*, *max_limit_retries=None*, *limit_backoff_factor=None*, *version=None*)

Bases: object

Create a session client for this Shopify store.

Note

- Only *access_token* or (*username* and *password*) are required
- **urllib3 documents backoff_factor as**
  - {backoff factor} * (2 ** ({number of total retries} - 1))

Parameters

- **myshopify_domain** – foobar.myshopify.com
- **access_token** – OAuth token from a pubilc app
- **username** – Username for private app
- **password** – Password for private app
- **connect_retries** – [default: 3] how many connection-related errors to retry on
- **backoff_factor** – [default: 0.5] how quickly to backoff for safe retries
- **max_limit_retries** – [default: 0] how many retries to do when rate limited
- **limit_backoff_factor** – [default: 0.5] same as backoff_factor but for rate limited
- **version** – [default: unstable] the Shopify API version to use

calls_remaining()
Return the number of API calls remaining.

Return type int

See also Shopify API call limits

calls_used()
Return the number of API calls used.

Return type int

See also Shopify API call limits

close()
Close the session.

See also requests.Session.close.

delete(*url*, ***kwargs*)
Send a DELETE request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.delete.

get(*url*, ***kwargs*)
Send a GET request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.get.

max_available()
Return the bucket size for the token.

Return type int

See also Shopify API call limits

patch(*url*, ***kwargs*)
Send a PATCH request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.patch.

post(*url*, ***kwargs*)
Send a POST request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.post.

put(*url*, ***kwargs*)
Send a PUT request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.put.

Module contents

class shopify_requests.**RestClient**(*myshopify_domain*, *access_token=None*, *username=None*, *password=None*, *connect_retries=None*, *backoff_factor=None*, *max_limit_retries=None*, *limit_backoff_factor=None*, *version=None*)

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See also Shopify API call limits

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Parameters

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- ****kwargs** – Optional arguments that session takes.

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See also requests.Session.patch.

post(*url*, ***kwargs*)
Send a POST request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.post.

put(*url*, ***kwargs*)
Send a PUT request.

Parameters

- **url** – URL for the new Request object.
- ****kwargs** – Optional arguments that session takes.

Return type requests.Response

See also requests.Session.put.

CHAPTER

THREE

INDICES AND TABLES

- genindex
- modindex
- search

PYTHON MODULE INDEX

S

INDEX