
py-trello Documentation

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Adrien Lemaire, Kyle Valade, Rick van Hattem

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CHAPTER 1

Modules

trelo package

Module contents

Submodules

trelo.util module

CHAPTER 2

Readme

A wrapper around the Trello API written in Python. Each Trello object is represented by a corresponding Python object. The attributes of these objects are cached, but the child objects are not. This can possibly be improved when the API allows for notification subscriptions; this would allow caching (assuming a connection was available to invalidate the cache as appropriate).

I've created a [Trello Board](#) for feature requests, discussion and some development tracking.

CHAPTER 3

Install

```
pip install py-trello
```


CHAPTER 4

Usage

```
from trello import TrelloClient

client = TrelloClient(
    api_key='your-key',
    api_secret='your-secret',
    token='your-oauth-token-key',
    token_secret='your-oauth-token-secret'
)
```

Where `token` and `token_secret` come from the 3-legged OAuth process and `api_key` and `api_secret` are your Trello API credentials that are ([generated here](#)).

Getting your Trello OAuth Token

Make sure the following environment variables are set:

- TRELLO_API_KEY
- TRELLO_API_SECRET

These are obtained from the link mentioned above.

TRELLO_EXPIRATION is optional. Set it to a string such as 'never' or '1day'. Trello's default OAuth Token expiration is 30 days.

Default permissions are read/write.

More info on setting the expiration here: <https://trello.com/docs/gettingstarted/#getting-a-token-from-a-user>

Run

```
python ./trello/util.py
```


CHAPTER 6

Required Python modules

Found in `requirements.txt`

To run the tests, run `python -m unittest discover`. Four environment variables must be set:

- `TRELLO_API_KEY`: your Trello API key
- `TRELLO_TOKEN`: your Trello OAuth token
- `TRELLO_TEST_BOARD_COUNT`: the number of boards in your Trello account
- `TRELLO_TEST_BOARD_NAME`: name of the board to test card manipulation on. Must be unique, or the first match will be used

To run tests across various Python versions, `tox` is supported. Install it and simply run `tox` from the `py-trello` directory.

CHAPTER 8

Contributors

- Adrien Lemaire
- Kyle Valade
- Rick van Hattem
- Nathan Mustaki

CHAPTER 9

Indices and tables

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- `modindex`
- `search`