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# utopian\_api Documentation

*Release 0.0.1*

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A python wrapper around the Utopian.io API.



### 1.1 Installing utopian\_api

The recommended way to install `utopian_api` is via `pip`.

```
pip install utopian_api
```

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**Note:** Depending on your system, you may need to use `pip3` to install packages for python 3.

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#### 1.1.1 Updating utopian\_api

To update `utopian_api` you can run:

```
pip install --upgrade utopian_api
```

#### 1.1.2 Installing older versions

Older versions of `utopian_api` can be installed by specifying the version number as part of the installation command:

```
pip install utopian_api==0.2.0
```

### 1.2 Examples

#### 1.2.1 Print the top rewarded moderators

To do this we can use the following code

```
from utopian_api import Client

c = Client()

moderators = [m for m in c.moderators["results"]]
most_paid = sorted(moderators,
                    key=lambda x: x["total_paid_rewards"], reverse=True)

for moderator in most_paid[:10]:
    print(f"{moderator['account']} {moderator['total_paid_rewards']:.2f}")
```

which outputs

```
espoem 370.62
elear 348.30
knowledges 233.45
ruah 217.18
arie.steem 214.00
cnts 39.76
damla 31.35
simnrodriguez 28.56
jefpatat 26.30
flawwy 0.10
```

## 1.2.2 Print the most approving moderators in a category

To do this we can use the following code

```
from utopian_api import Client
from collections import Counter

c = Client()

category = "documentation"

posts = c.posts({"status": "approved", "type": category})["results"]
moderators = Counter([post["moderator"] for post in posts])

for m in moderators.most_common(10):
    print(f"{m[0]} approved {m[1]} posts in the documentation category.")
```

with example output:

```
espoem approved 11 posts in the documentation category.
mcfarhat approved 8 posts in the documentation category.
elear approved 8 posts in the documentation category.
shreyasgune approved 5 posts in the documentation category.
arie.steem approved 4 posts in the documentation category.
msl0398 approved 2 posts in the documentation category.
dutch approved 2 posts in the documentation category.
deveerei approved 2 posts in the documentation category.
knowledges approved 2 posts in the documentation category.
flawwy approved 2 posts in the documentation category.
```



## 1.3 Utopian.io API

```
class utopian_api.client.Client
    Bases: object

    API_BASE_URL = 'https://api.utopian.io/api/'

    bot_is_voting
        Returns true if the Utopian.io bot is currently voting.

    count (query_params=None)
        Returns the count of posts that satisfy the given query_params.

        Parameters query_params (dict) – Query parameters

    is_moderator (account)
        Returns true if account is a Utopian.io moderator.

        Parameters account (string) – A Steemit username

    is_sponsor (account)
        Returns true if account is a Utopian.io sponsor.

        Parameters account (string) – A Steemit username

    moderators
        Returns JSON containing all Utopian.io moderators.

    post (account, permalink)
        Returns JSON containing information about a post.

        Parameters

        • account (string) – A Steemit username

        • permalink (string) – A permalink of a post

    posts (query_params=None)
        Returns JSON containing all posts that satisfy the given query_params.

        Parameters query_params (dict) – Query parameters

    sponsors
        Returns JSON containing all Utopian.io sponsors.

    stats
        Returns JSON containing statistics about Utopian.io.
```



## CHAPTER 2

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### Indices and tables

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