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tweepy

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#tweepy

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About

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Chapter 1: Getting started with tweepy

Remarks

Tweepy is a Python wrapper for the Twitter API. It accesses the Twitter [REST](#) (including Search) and [Stream](#) APIs.

Read more about the [Twitter APIs](#), [Tweepy documentation](#), or check out [Tweepy on GitHub](#).

The current version of Tweepy is 3.5.0.

Examples

Installation

Tweepy can be installed from its [PyPI repository](#) using `pip` or `easy_install`:

```
pip install tweepy
```

or

```
easy_install tweepy
```

You can also download the source [from GitHub](#) and install it using `setup.py`:

```
python setup.py install
```

See the [tweepy documentation](#) for more.

Using Tweepy to access the Twitter Search API

The Search API provides access to recent tweets*. This is as opposed to the Stream API, which provides search results in real-time.

```
<example>
```

*Note that "the Search API is focused on relevance and not completeness" - [Twitter Search API](#)

Using Tweepy to access the Twitter Stream API

The Stream API provides access to tweets in real-time. Streams can be filtered based on keywords, language, location, and more. Here's a simple example to track mentions of the word "tweepy":

```
#set up a new class using tweepy.StreamListener
```

```

class SimpleListener(tweepy.StreamListener):
    def on_status(self, status):
        #code to run each time the stream receives a status
        print(status.text)

    def on_direct_message(self, status):
        #code to run each time the stream receives a direct message
        print(status.text)

    def on_data(self, status):
        #code to run each time you receive some data (direct message, delete, profile update,
status,...)
        print(status.text)

    def on_error(self, status_code):
        #code to run each time an error is received
        if status_code == 420:
            return False
        else:
            return True

#initialize the stream

tweepy_listener = SimpleListener()
tweepy_stream = tweepy.Stream(auth = api.auth, listener=tweepy_listener())
tweepy_stream.filter(track=['tweepy'])

```

You can track different keywords by changing the `track` parameter.

<to add: examples of filtering based on locations, languages, etc.>

You can track data addressed to your account by using `userstream()` instead of `filter`.

```
api.userstream(async=True)
```

Read [Getting started with tweepy online](https://riptutorial.com/tweepy/topic/8907/getting-started-with-tweepy): <https://riptutorial.com/tweepy/topic/8907/getting-started-with-tweepy>

Credits

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