


 This repository Search

Pull requestsIssuesGist


  


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Jefferson-Henrique / GetOldTweets-python


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---


 Code


 Issues 17

 Pull requests 1

 Projects 0

 Wiki

 Pulse

 Graphs

---

A project written in Python to get old tweets, it bypass some limitations of Twitter Official API.

23 commits

1 branch


0 releases









4 contributors


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 Jefferson-Henrique - Fixed parse problemsLatest commit 6bccada on 11 Sep

 got	- Fixed parse problems	a month ago
 got3	Add files via upload	4 months ago
 .gitignore	- adjusted to save a UTF8 output_got.csv	5 months ago
 Exporter.py	- Fixed parse problems	a month ago
 LICENSE	Initial commit	9 months ago
 Main.py	- adjusted to save a UTF8 output_got.csv	5 months ago
 README.md	- Fixed parse problems	a month ago
 requeriments.txt	- Requeriments needed	9 months ago

 README.md

# Get Old Tweets Programatically

A project written in Python to get old tweets, it bypass some limitations of Twitter Official API.

## Details

Twitter Official API has the bother limitation of time constraints, you can't get older tweets than a week. Some tools provide access to older tweets but in the most of them you have to spend some money before. I was searching other tools to do this job but I didn't found it, so after analyze how Twitter Search through browser works I understand its flow. Basically when you enter on Twitter page a scroll loader starts, if you scroll down you start to get more and more tweets, all through calls to a JSON provider. After mimic we get the best advantage of Twitter Search on browsers, it can search the deepest oldest tweets.

## Components

- **Tweet**: Model class to give some informations about a specific tweet.
  - id (str)
  - permalink (str)
  - username (str)
  - text (str)
  - date (date)
  - retweets (int)
  - favorites (int)
  - mentions (str)
  - hashtags (str)
  - geo (str)
- **TweetManager**: A manager class to help getting tweets in **Tweet**'s model.
  - getTweets (**TwitterCriteria**): Return the list of tweets retrieved by using an instance of **TwitterCriteria**.

- **TwitterCriteria:** A collection of search parameters to be used together with **TweetManager**.
  - setUsername (str): An optional specific username from a twitter account. Without "@".
  - setSince (str. "yyyy-mm-dd"): A lower bound date to restrict search.
  - setUntil (str. "yyyy-mm-dd"): An upper bound date to restrict search.
  - setQuerySearch (str): A query text to be matched.
  - setTopTweets (bool): If True only the Top Tweets will be retrieved.
  - setMaxTweets (int): The maximum number of tweets to be retrieved. If this number is unsetted or lower than 1 all possible tweets will be retrieved.
- **Main:** Examples of how to use.
- **Exporter:** Export tweets to a csv file named "output\_got.csv".

## Examples of python usage

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- Get tweets by username

```
tweetCriteria = got.manager.TweetCriteria().setUsername('barackobama').setMaxTweets(1)
tweet = got.manager.TweetManager.getTweets(tweetCriteria)[0]

print tweet.text
```

- Get tweets by query search

```
tweetCriteria = got.manager.TweetCriteria().setQuerySearch('europe refugees').setSince("2015-05-01").setUntil("2015-09-10")
tweet = got.manager.TweetManager.getTweets(tweetCriteria)[0]

print tweet.text
```

- Get tweets by username and bound dates

```
tweetCriteria = got.manager.TweetCriteria().setUsername("barackobama").setSince("2015-09-10").setUntil("2015-09-15")
tweet = got.manager.TweetManager.getTweets(tweetCriteria)[0]

print tweet.text
```

- Get the last 10 top tweets by username

```
tweetCriteria = got.manager.TweetCriteria().setUsername("barackobama").setTopTweets(True).setMaxTweets(10)
# first one
tweet = got.manager.TweetManager.getTweets(tweetCriteria)[0]

print tweet.text
```

## Examples of command-line usage

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- Get help use

```
python Exporter.py -h
```

- Get tweets by username

```
python Exporter.py --username "barackobama" --maxtweets 1
```

- Get tweets by query search

```
python Exporter.py --querysearch "europe refugees" --maxtweets 1
```

- Get tweets by username and bound dates

```
python Exporter.py --username "barackobama" --since 2015-09-10 --until 2015-09-12 --maxtweets 1
```

- Get the last 10 top tweets by username

```
python Exporter.py --username "barackobama" --maxtweets 10 --toptweets
```

