## segalgouldn / Senior-Project-Subtweets

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Senior-Project-Subtweets / development / Non-Subtweets Downloader.md

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segalgouldn Markdown fixes.
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1 contributor

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Script for downloading a ground truth non-subtweets dataset

Import libraries for accessing the API and managing JSON data

```
import tweepy
import json
```

Load the API credentials

Authenticate the connection to the API using the credentials

```
auth = tweepy.OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)
```

Connect to the API

```
api = tweepy.API(auth, wait_on_rate_limit=True, wait_on_rate_limit_notify=True, compression=True)
```

Define a function for recursively accessing parent tweets

```
def first_tweet(tweet_status_object):
    try:
        return first_tweet(api.get_status(tweet_status_object.in_reply_to_status_id_str, tweet_mode="extended"))
    except tweepy.TweepError:
        return tweet_status_object
```

Define a function for finding tweets with replies that specifically do not call them subtweets

## Show the results

```
non_subtweets_list = get_non_subtweets()
print(len(non_subtweets_list))
```