

# Mendel new

January 14, 2019

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In [1]: #!/usr/bin/env python
        # encoding: utf-8

import tweepy #https://github.com/tweepy/tweepy
import csv

#Twitter API credentials
consumer_key = "jt99XU409GmGWcYEPTNOBcQAE"
consumer_secret = "obnytSJIRBP5PxNHvJnjK2NN7xkeae4LMENiLKmuJEUnalNxHD"
access_key = "783716524133609472-iSjfZnLWs555xzD1RBpuRPcbUR53EMO"
access_secret = "kCdP10kv3IjthSsXyeMrKg1S3fpk0xMFTQEBef1s6hhPs"

def get_all_tweets(screen_name):
    #Twitter only allows access to a users most recent 3240 tweets with this method

    #authorize twitter, initialize tweepy
    auth = tweepy.OAuthHandler(consumer_key, consumer_secret)
    auth.set_access_token(access_key, access_secret)
    api = tweepy.API(auth)

    #initialize a list to hold all the tweepy Tweets
    alltweets = []

    #make initial request for most recent tweets (200 is the maximum allowed count)
    new_tweets = api.user_timeline(screen_name = screen_name,count=200)

    #save most recent tweets
    alltweets.extend(new_tweets)

    #save the id of the oldest tweet less one
    oldest = alltweets[-1].id - 1

    #keep grabbing tweets until there are no tweets left to grab
    while len(new_tweets) > 0:
        print ("getting tweets before %s" % (oldest))
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#all subsiquent requests use the max_id param to prevent duplicates
new_tweets = api.user_timeline(screen_name = screen_name,count=200,max_id=oldest_id-1)

#save most recent tweets
alltweets.extend(new_tweets)

#update the id of the oldest tweet less one
oldest = alltweets[-1].id - 1

print ("...%s tweets downloaded so far" % (len(alltweets)))

#transform the tweepy tweets into a 2D array that will populate the csv
outtweets = [[tweet.text.encode("utf-8")] for tweet in alltweets]

#write the csv
with open('%s_tweets.csv' % screen_name, 'w') as f:
    writer = csv.writer(f)
    writer.writerow(["id","text"])
    writer.writerows(outtweets)

pass

if __name__ == '__main__':
    username=["Anon_Norway"]
    #pass in the username of the account you want to download
    get_all_tweets("Anon_norway")

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getting tweets before 1007982793928986623
...398 tweets downloaded so far
getting tweets before 963773461310181375
...589 tweets downloaded so far
getting tweets before 935913729908232191
...779 tweets downloaded so far
getting tweets before 934730825618292735
...975 tweets downloaded so far
getting tweets before 929501713492475903
...1163 tweets downloaded so far
getting tweets before 913485232992587775
...1352 tweets downloaded so far
getting tweets before 903357063203622911
...1547 tweets downloaded so far
getting tweets before 898132554439692287
...1732 tweets downloaded so far
getting tweets before 891927918636650495
...1920 tweets downloaded so far
getting tweets before 884109765009428479

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...2114 tweets downloaded so far  
getting tweets before 876206650281123840  
...2310 tweets downloaded so far  
getting tweets before 871441774014849023  
...2496 tweets downloaded so far  
getting tweets before 865701328705789951  
...2683 tweets downloaded so far  
getting tweets before 856847552964120578  
...2878 tweets downloaded so far  
getting tweets before 851808086025228287  
...2887 tweets downloaded so far  
getting tweets before 851506552276230143  
...2887 tweets downloaded so far