Instructions for Collecting Tweets (RUBY)

1. Acquire Credentials from Twitter
       a. Go to https://apps.twitter.com
       b. Log in with your Twitter account. If you don't have one, you can sign up.
       c. Create a new app for which you will be using Twitter data.

Twitter Apps

Create New App

-->

Create an application

Application Details

Name *

EpicAccessTest

Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.

Description *

Testing Twitter Collection for EPIC Data

Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.

Website *

https://placeholder.website.com

Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens.
(If you don't have a URL yet, just put a placeholder here but remember to change it later.)

Callback URL

Where should we return after successfully authenticating? OAuth 1.0a applications should explicitly specify their oauth_callback URL on the request token step, regardless of the value given here. To restrict your application from using callbacks, leave this field blank.

Developer Agreement

☑ Yes, I have read and agree to the Twitter Developer Agreement.

Create your Twitter application

d. Navigate to 'Keys and Access Tokens'

EpicAccessTest

Test OAuth

| Details | Settings | Keys and Access Tokens | Permissions |

Testing Twitter Collection for EPIC Data

https://placeholder.website.com

e. Write down your Consumer Key (API Key) and Consumer Secret (API Secret)

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key)   (Consumer API Key)

Consumer Secret (API Secret)   (Consumer API Secret)

f. Create an access token

Your Access Token

You haven't authorized this application for your own account yet.

By creating your access token here, you will have everything you need to make API calls right away. The access token generated will be assigned your application's current permission level.

Token Actions

Create my access token

g. Write down your Access Token (including the prefix digits) and Access Token Secret

Your Access Token

This access token can be used to make API requests on your own account's behalf. Do not share your access token secret with anyone.

Access Token	(Access Token)
Access Token Secret	(Access Token Secret)
Access Level	Read and write

2. Get the Twitter Collection Code from GitHub (?)

a. Acquire the GitHub repository located at https://github.com/Project-EPIC/epic-annotation/. This can be done by clicking the friendly green 'Clone or Download' button on the repository, or directly through a command line:

> git clone https://github.com/Project-EPIC/epic-annotation

The respository consists of the following components:

> data/
> -All of the annotations, grouped by the annotation type. This includes part of speech (POS), named entities (NE), semantic role labelling (SRL), and the CHIME coding scheme (CHIME).

> collect/
> -All of the necessary scripts used to collect the tweets from Twitter.

> PopulateTweets.rb
> -A ruby script that can be used to populate the /data/ files with the text of the tweets from Twitter.

> oath.properties
> -A file used to store your consumer key, consumer secret, access token, and access secret. In this file, fill inail the consumer key, consumer secret, access token, and access secret with the ones you received from Twitter. The file provided is empty; you should fill in the values so it looks the following:

```
1  {
2    "consumer_key":"fjeAh91Mihpwle9MHNsi109i8",
3    "consumer_secret":"ime0aimfM9jde2AodjeEdaP09eIn81jemMij7s26efs907hd",
4    "token":"930698276-jfgieM093d6jkeos89eohhHeos8fgehsp9Jd",
5    "token_secret":"j8ejATJE74Iju81AneIj9aldp918uIneqrr7821"
6  }
7
```

4. Run the collection

a. Call the helper script collect.rb:

> ruby collect.rb (file names)

This will automatically populate the annotation jsons with text collected from Twitter, using your credentials. It will output the files ending with '-t' with tweet text in the same directory as the input. You can run it on all of the annotations by using:

```
ruby collect.rb data/*/*
```