AWS Setup Runbook

Prerequisites

Assume you have accessed to the AWS server

Install Git

sudo yum install git

You can check the completion of the installation by

git --version

Install Python 3.4

sudo yum install python34

You can check the completion of the installation by

python3 --version

Get latest PIP

cd

curl -O https://bootstrap.pypa.io/get-pip.py

sudo python3 get-pip.py

You can check the completion of the installation by

pip --version

Install the Django

sudo /usr/local/bin/pip3 install Django

Install the Django Rest Framework

sudo /usr/local/bin/pip3 install djangorestframework

Clone the latest code (Only needed for the first time, you do Git pull afterwards)

git clone https://github.com/ITCadre-Projects/fda.git

Start the server on port 80

sudo python3 manage.py runserver 0.0.0.0:80

Test the application

Open your browser, and go the url :

[http://ec2-54-211-54-147.compute-1.amazonaws.com/spike/](http://ec2-54-211-54-147.compute-1.amazonaws.com/spike/search/)

Twitter Streaming

Install the tweepy library

sudo /usr/local/bin/pip3 install tweepy

Set up the twitter Oauth keys and secretes

Login <https://dev.twitter.com/oauth/tools/> using itcadre twitter account

Create an application for fda

Obtain access token, access token secret, consumer key, and consumer key secret.

Update those values in TwitterStreamming.py