Function Map/Roadmap
John Spurney
Description: An area to plan and visualize the full-text-geocoder

JSON file with tweets

isonGetTweetProfileLocations

Gets the user defined locations with the help of the JSON library and stores each location in a list.

Nullable. The user-defined location for this account's profile. Not necessarily a location nor parseable. This field will occasionally be fuzzily interpreted by the Search service.

Example:

location   String

```
"location":"San
Francisco, CA"
```

textGetTweetProfileLocations

Gets the user defined locations with a regular expression and stores each location in a list.

funnel

Takes in a list of strings with locations.
Removes the strings from the list that don't match the following cases:
1) City, State
2) City, State-Abbrev
3) City State
4) City State-Abbrev

encapsulator

Location strings -> national location instances

Then formats the information with formal capitalization

gazInit

googleGetLatAndLong

Too slow, removing

gazGetLatAndLong

harvest
- Writes locations found on a blank text file. In a comma separated format.
  (state, city, latitude, longitude)
- Bar graphs for changes in length of tweetProfileLocations after each filter is applied. Saves pic too.
- writes the times each state tweeted on a blank text file from highest to lowest
- plot each individual latitude and longitude