

Function Map/Roadmap

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Description: An area to plan and visualize the full-text-geocoder

JSON file with tweets

jsonGetTweetProfileLocations

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

Under Construction

textGetTweetProfileLocations

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

location

String

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": "San Francisco, CA"
```

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

Under Construction

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.
- heatmap plot for each state found?
- plot each individual latitude and longitude