

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

JSON file with tweets

jsonGetTweetProfileLocations

textGetTweetProfileLocations

Gets 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"

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location String

Example:  
"location": "San Francisco, CA"

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

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encapsulator

validator

Location strings -> national location information. Then formats the information with formal localization.

googleGetLatAndLong

gazGetLatAndLong

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Then decided what to do with the data?  
- Write on blank file: latitude and Longitude  
- Plot filter length change  
- plot the latitude/longitude on map and save the picture

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