noogle

Like google but you get back numbers

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Introduction

Noogle is like google but you get back numbers. It runs various search engines, culminates the data, and provides you the most common numerical results shared across various websites. For example, if you noogled 'us flag' you'd expect to get back 50 states. If you noogled 'snow white' you'd expect to get back 7 dwarfs.

Installation

Software can be installed through apt-get. The following commands will add the ppa and install the software.

```
sudo curl -s --compressed -o /etc/apt/sources.list.d/noogle.list 'https://raw.githubusercont
sudo apt update
sudo apt install noogle
```

To uninstall you can use:

```
sudo apt remove noogle
```
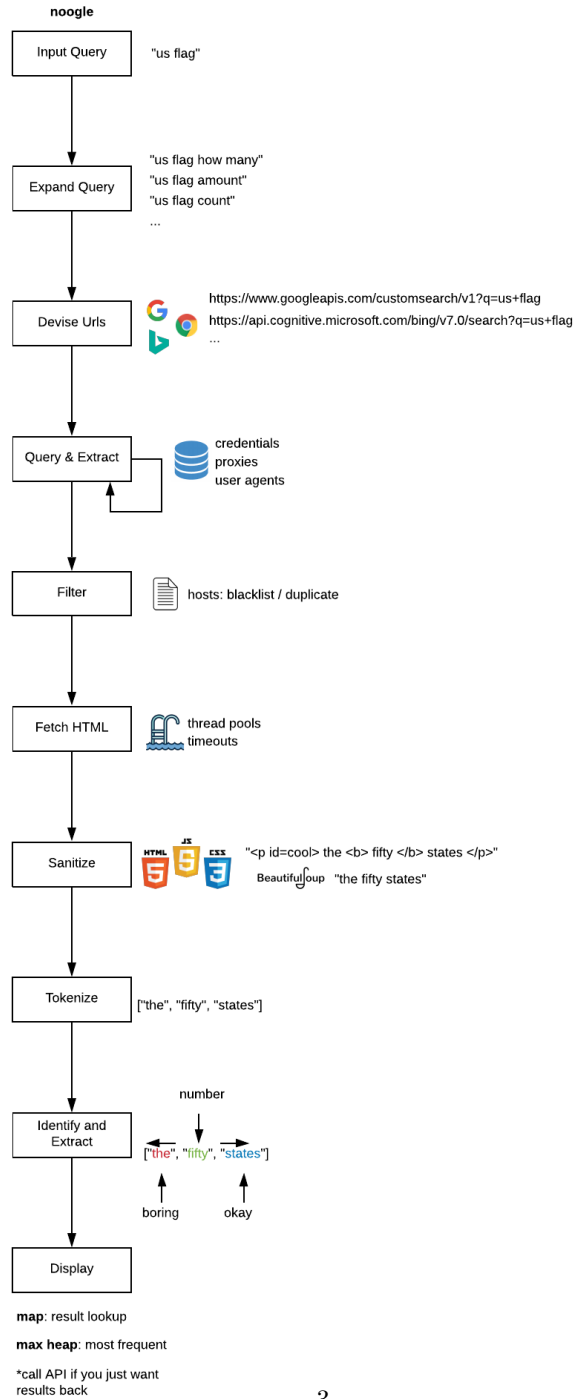
Command Line

The tool can be used from the command line.

```
like google but you get numbers:
  --query arg           noogle search query
  -h [ --help ]         produce this help message
  -v [ --version ]      display version
```

Steps

These are the general phases noogle uses to produce results:

noogle

Input Query	"us flag"

Expand Query	"us flag how many" "us flag amount" "us flag count" ...

Devise Urls	https://www.googleapis.com/customsearch/v1?q=us+flag https://api.cognitive.microsoft.com/bing/v7.0/search?q=us+flag ...

Query & Extract	credentials proxies user agents

Filter	hosts: blacklist / duplicate

Fetch HTML	thread pools timeouts

Sanitize	"<p id=cool> the fifty states </p>" Beautifulsoup "the fifty states"

Tokenize	["the", "fifty", "states"]

number

Identify and Extract	["the", "fifty", "states"]

boring   okay

Display

map: result lookup

max heap: most frequent

*call API if you just want
results back

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Configuration

All configuration for noogle will be found in your home directory inside the file **.noogle**. This is a json file that will be automatically loaded by the program. If you specify malformed json, or your json does not match the schema known to the program, it will tell you. The best way to fix this, is to simply delete the configuration file. The program will automatically re-create it with a valid default configuration. In the following sections, we will cover more specifically the different areas of configuration.