

Code assignment

Create a simple command line (ascii text) API mashup of the GitHub and Twitter APIs. Search for "Reactive" projects on GitHub, then for each project search for tweets that mention it. You should output a summary of each project with a short list of recent tweets, in json format.

Instructions:

- Complete this assignment in Scala or Java.
- The code should be submitted in a zip or tar archive with instructions to build and run the project.
- You will require a twitter consumer key and secret, to complete this.
- This is private information and should not be included in your submission. However you must make this information easily configurable via a config or properties file.
- The twitter Api is rate limited so you should only try to retrieve tweets for 10 projects.

More information

The GitHub API documentation

- <https://developer.github.com/v3/search/#search-repositories>

Searching for reactive projects

- `curl https://api.github.com/search/repositories?q=reactive`

The Twitter API documentation

- <https://dev.twitter.com/oauth/application-only>
- <https://dev.twitter.com/oauth/overview/application-owner-access-tokens>
- <https://developer.github.com/v3/activity/events/#list-public-events-for-a-network-of-repositories>