

Leadfeeder job interview assignment

Description

Build a browser JavaScript application to show GitHub public and private repositories for a GitHub organization. Use the GitHub API (<https://developer.github.com/v3/>) to get this information.

User should be able to enter their GitHub organization name and the app would show their repositories.

For each repository show at least the following information:

- Name
- Link to the repository's GitHub page
- Number of branches
- Programming language
- Whether it is private or public

There should be at least the following functionality:

- User can expand each repository to see the names of the branches.
- User should be able to filter/toggle whether to show private and/or public repositories
- User should be able to filter the repositories by language

Note: You are not required to build the GitHub OAuth handshake to the app, it is ok that the API access token can be entered directly to a text field.

Instructions & requirements

- You should build the whole application as a JavaScript application that runs on a browser. I.e. no server stuff.
- The application should work on latest available desktop version of Firefox, Chrome or Safari. You do not have to build cross-browser compatibility. Mention the supported browser when you return the assignment.
- Include instructions on how to:
 - Install dependencies
 - Run the app in development mode
 - Run the tests
- You should include tests
- CoffeeScript is allowed, ES6 preferred

Tips and recommendations

- We have planned and tested this with Ember.js (<http://emberjs.com>) in mind, but you can use whatever framework/libraries you want. There is a nice ember-data adapter for Github available at <https://github.com/jimmay5469/ember-data-github>
- You can test with any public Github organization (e.g. “github” or “rails”). If you don’t have a paid GitHub organization available you can ignore the part about toggling public/private repos.
- You can generate a personal GitHub access token for testing at <https://github.com/settings/tokens> . Choose the “repo” scope.

Evaluation

What we will look from your completed assignment:

- Correctness of results. I.e. does it work right.
- How usable and clear the interface is
- Clarity and understandability of the code.
- Use of best practises, DRY
- Quality of the tests.
- Error handling.
- Completion time.