



Front-end development: APIs

JavaScript – Github API

The following exercise contains the following subjects:

- API's

Instructions

Github has an awesome API that we can do among other things, to get information on a particular user. To get a particular Github user information just type in your browser the following:

`https://api.github.com/users/{username}`

You will get back a JSON object.

With this knowledge, we can make a fun little app.

Here is a small [demo](#) of what we should do.

Please style it better than this!

Let's create a small app that will have an input field. When you type a user's name in the input field you will fetch from the GitHub API that particular user's information and displays a card of the user's information.

That card should have **at least** the following:

1. Avatar image
2. Name of user
3. Number of public repos

When a user clicks on the card it will open a new page to that user Github profile page.

Things to think about:

What will happen if a user types an invalid user name?

What happens if the URL is broken?

What happens if a user types the same user name? We wouldn't want to have duplicate cards of the same profile.

User experience

What will make a better user experience? Things come into mind:

1. When a user gets a profile we should empty our input.
2. We should focus on the input on page load and each time you get a new profile.
3. We should be able to hit enter to search not just click on the button.
4. Anything else?