Github Api Technical Assignment

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Index

1. Introduction

This technical assignment consists in building three functionalities on the Github REST Api v3 using any appropriate programming language and technology. Those three functionalities are:

- Return the number of repositories of a given organization name.

- Return the biggest repository in bytes of a given organization name.

- Return the number of organizations that are currently on Github.

2. Chosen environment and installation

This solution has been built using the framework **Angular 15**, which uses **Node.js 18.15.0 LTS**, and **Octokit 9.6.3** for the Api calls.

We start by downloading Node.js from the official web page. After we installed Node.js we go to the official website of Angular 15. There we will find instructions on how to install npm package manager, which a requirement to install Angular 15, and also how to install Angular 15. Once installed, we then can go to Octokit's github and check the *README* file to find the commands needed to install octokit.

3. Launching the app through the developing environment

If you were to test the solution through the developing environment then you need to open a console terminal, go to the project's directory, and type "ng serve". This will host the app in "localhost:4200".

4. Using the standalone app

Inside the *dist* folder there is the compiled application, ready to be uploaded to a hosting service. The contents of that folder are already uploaded to a free hosting service called netlify. Click here to go to the website.