

GitHub Project Analytics Quick Setup Tutorial

1. Download and setup **NodeJS and NPM** on your computer
 - a. Download link: <https://nodejs.org/en/>
 - b. Environment setup: https://www.tutorialspoint.com/nodejs/nodejs_environment_setup.htm
 - c. Run 'npm install' to verify that your npm has internet connection
2. Download/Clone GitHub Project Analytics from GitHub:
 - a. Clone: [git@github.com:BennethV/GitAnalytics.git](https://github.com/BennethV/GitAnalytics.git)
 - b. Download: <https://github.com/BennethV/GitAnalytics.git>
 - c. Launch terminal/GitBash/Windows Shell in project root directory and:
 - i. Run 'npm install' on the root folder of the project
 - ii. Run 'npm start' (the application should be instantiated)
 - iii. Go to browser and type url: <https://127.0.0.1:3000/>
 - iv. The tool should be requesting for your **PERSONAL ACCESS TOKEN**
3. Generate Personal Access Token: <https://help.github.com/articles/creating-a-personal-access-token-for-the-command-line/>
 - a. Please make sure that you are **publicly seen** as a member/owner of the organisation
4. You are ready to go!!

GitHub Project Analytics Proxy Settings

1. Go to the project root directory
2. Open the '.env.default' file
3. Copy contents to your clipboard
4. Create a new file in the root directory called '.env'
5. Paste the copied contents in the new file and edit them as follows:

```
PROXY_REQUIRED= 'true'
```

```
HTTP_PROXY = 'http://domain\username:password@proxyurl:port'
```

6. Toggle the '**PROXY_REQUIRED**' option to true or false to enable\disable proxies

GitHub Project Analytics Running the Tests

1. Unit Tests:
 - a. Tests are written on the client side
 - b. Go to your browser and run the url: <https://127.0.0.1/charts>
 - c. The dashboard of the tool should pop-up but in a broken state
 - d. Open your browser's developer tools, for chrome: 'ctrl +shift+I'
 - e. Go to the browser console and type 'npm.run()' and hit enter
 - f. The unit tests should run and you should be able to see the results.
2. User Interface Tests:
 - a. Open your terminal in the route directory
 - b. Create an instance of the tool: 'npm start'
 - c. Run '**npm run test-ui**'
 - d. Your Chrome browser should automatically pop-up and automatically run through the tool as if a user was using it