

REPORT: SORT-AUTHORS-GITHUB

Description:

A script written with JavaScript, Nodejs and Shelljs (npm package) that returns a text file of the top commit authors of a GitHub repository. Sorted in descending order with the number of commits for each individual author, their names and email addresses for a given period of time. The following repository is utilized for testing purposes <https://github.com/openstack/neutron>.

Execution:

The repo was cloned to a local file system, with the following requirements installed:

- Nodejs (Globally)
- Git (Globally)
- Shelljs (within the repo node modules folder)

With the script “sortAuthors.js” placed within the root directory of the repo. The command `node sortAuthors.js` was ran using a git bash terminal.

Output:

The information was returned via a text file titled “authors” in the root directory. Figure 1 shows the graphical interpretation for the data that was retrieved:



Figure 1