

Report for top 12 active users for repo 'Openstack/Nova'

I wrote a Python(3.7) script and used package [PyGithub](#) to extract info from the given repository. Though there were other python packages available to do the same task, I used PyGithub as this package did not need to clone the repository locally, hence saved a lot of time. With just a Github access token, this package could use the underlying GitHub API and quickly fetch the commits.

The following points were noted while doing the exercise:

1. 'openstack-gerrit' is the most active contributor of the project in the past six months. I could deduce that these commits came from 'Gerrit' tool and did not actually involve a human contributor.
2. For this exercise, I counted the 'committer' of the project rather than 'authors', because the attribute 'authors' was None for most of the commits (e.g. for openstack-gerrit).
3. For a few commits (precisely three) the committer/author details could not be fetched. This may be because the users might have deactivated their accounts. [Example commit.](#)

