

ADAMANT

Adamant is a tool written in Python used to process commits in a `.git` file. We are using OpenStack's Nova (<https://github.com/openstack/nova>) as a case study.

Fig. 1: A barchart showing the twelve most active modules by commit in the nova directory for the last six months.

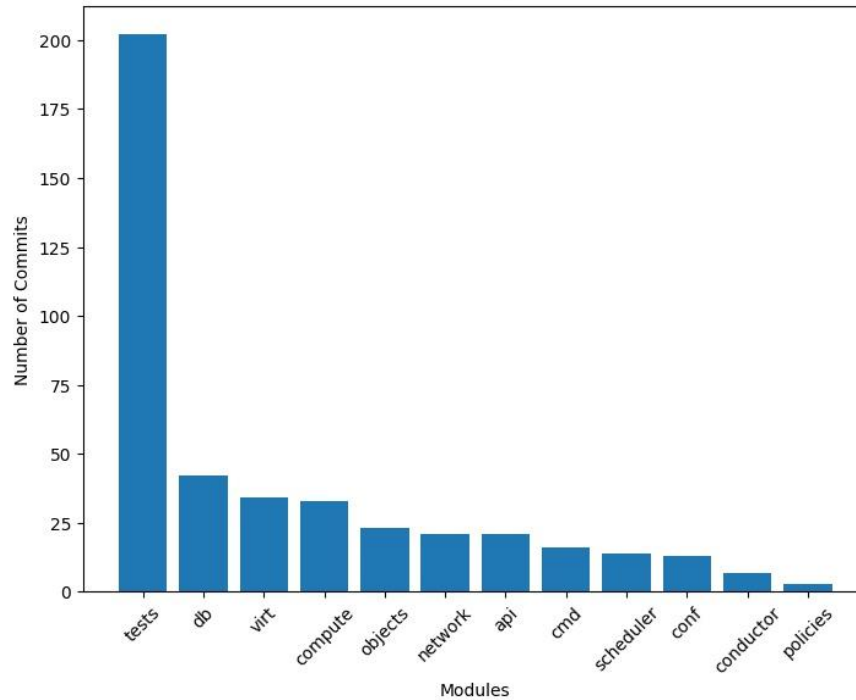


Fig. 1 above is generated by Adamant. It shows the number of commits for 12 of the most active modules in the nova/ directory from the past six months.

Fig. 2: A barchart showing the twelve most active modules by *churn in the nova directory for the last six months.

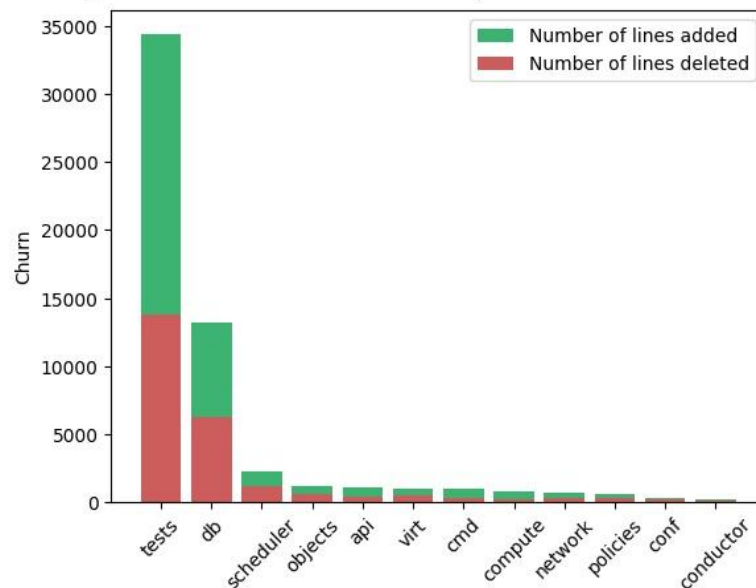


Fig. 2 shows 12 of the modules with the most *churn from the past six months. *Churn is a total of added and deleted lines, represented by green and red colours.

From looking at both graphs, we see that having a higher number of commits does not guarantee a higher churn.