

# 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.

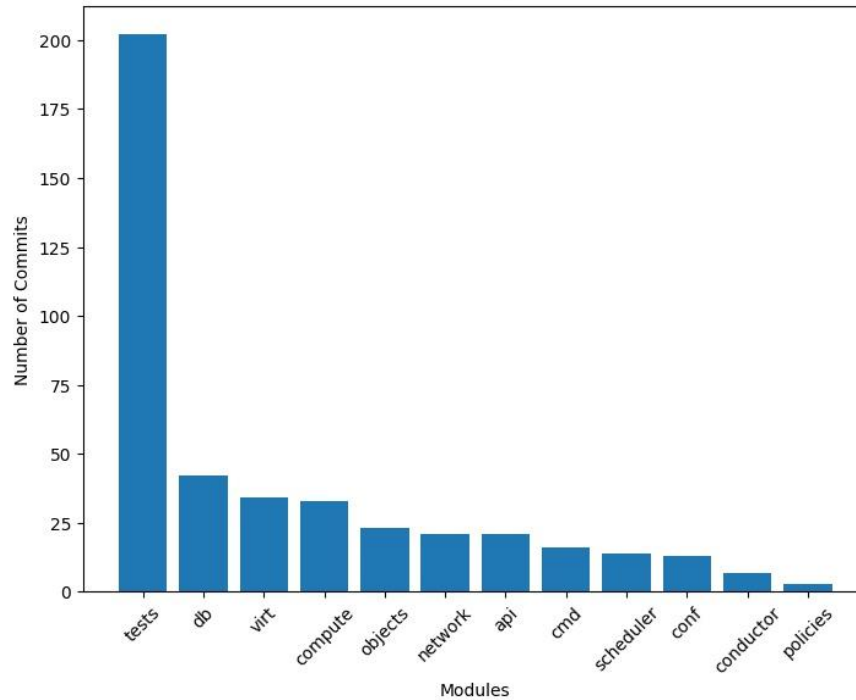


Fig. 1 above is generated by Adamant. It shows the number of commits for 12 of the most active modules in the nova/ directory from the past six months.

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

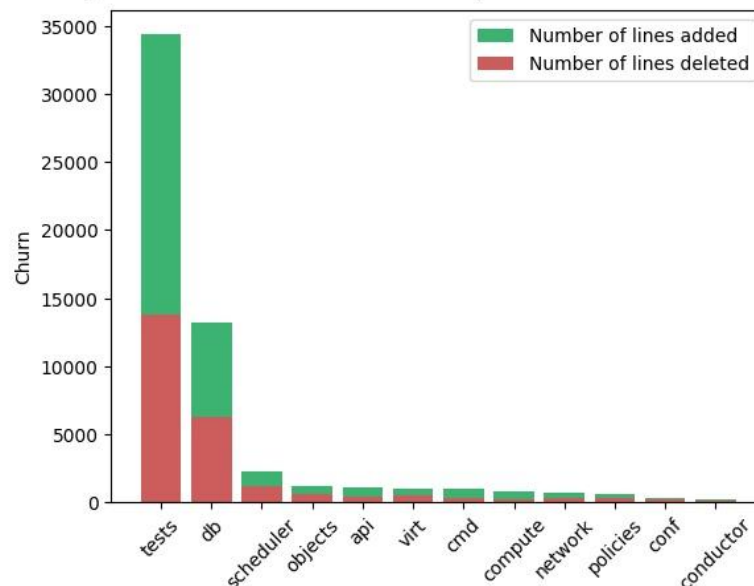


Fig. 2 shows 12 of the modules with the most \*churn from the past six months. \*Churn is a total of lines added and deleted. Which is represented by the green and red colors respectively.

Just from looking at both graphs, we see that having a higher number of commit does not guarantee having a higher churn.