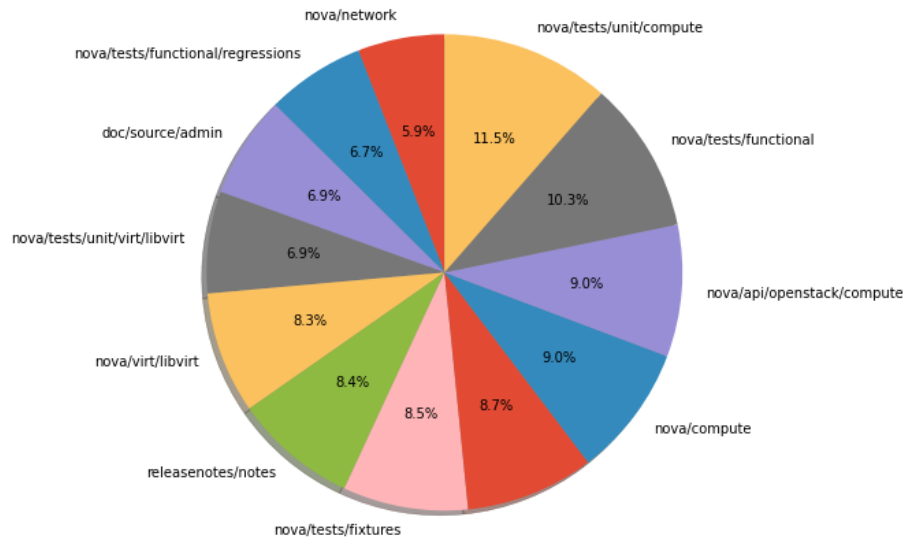


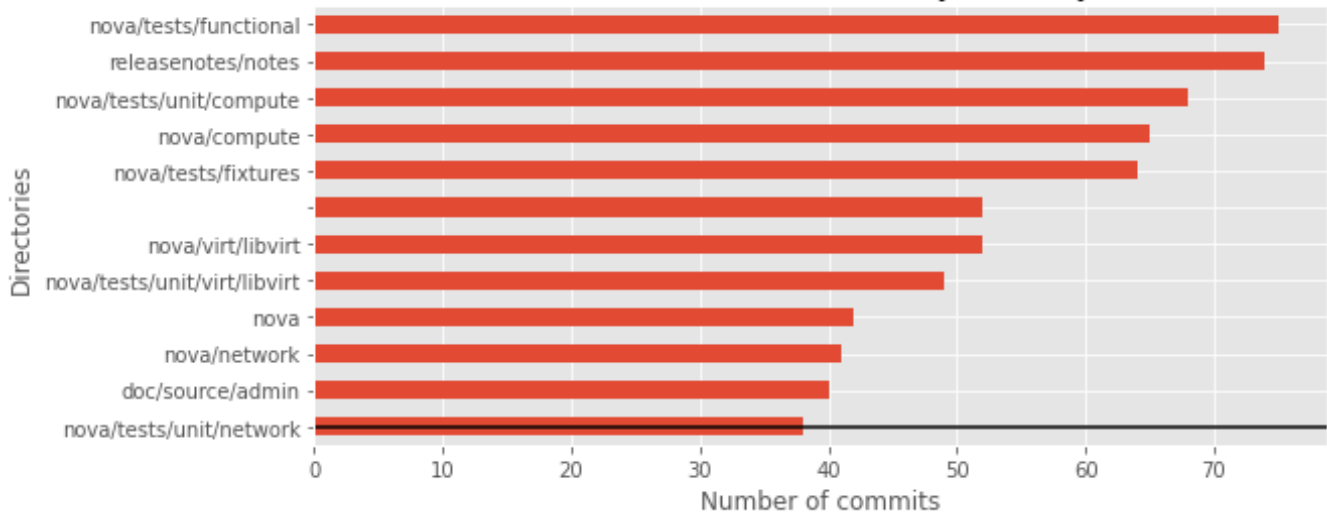
## Report- Mining OpenStack Nova project

This report documents the insights gathered from mining the OpenStack Nova project GitHub repository. Commits from 6 months back to Friday, February 18, 2022 was collected and analyzed. In total, **467** commits were processed and total churn for this period is **90284**. The following figures show key result from the analysis.

The 12 most modified modules



Total number of commits by directory



The analysis reveals that the project is still actively maintained and development is primarily in Python. One key aspect of this project regularly improved is the compute resource and its associated APIs and it is important to note that with each update a high level of testing is carried out especially functional which can be seen from the number of commits and total churn for those directories. Also, while python code file has the highest number of modifications and is expected, significant levels of modification occur on restructuredText files indicating efforts towards technical documentation.