

## Extracting Change Frequencies from Neuron

The Bar chart below demonstrates the number of commits in each module of the Neuron project over the past three years. The “tests” module receives the most changes, outnumbering the “plugins” module by 232%. “Plugins”, “agent” and “db” has been under active development, receiving more than one commit every three days on average. “Services”, “common”, “conf”, “objects” and “cmd” are changed but not as frequently. The rest of the modules are changed less than 100 times in the past three years.

With this information we can identify the most frequently changed modules are the distribution of the changes. Tuning the range in time of commits will enable us to understand the modules under active development, and how the focus of developers shifts over time. A potential use case of this information is in prioritizing payment of technical debt with regard to change frequency.

