

Tempest Stable Interfaces for OpenStack Integration Testing

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https://github.com/andreafrittoli/tempest_stable_interfaces

Neutron or Newton

/ˈnjuːt(r)ən/

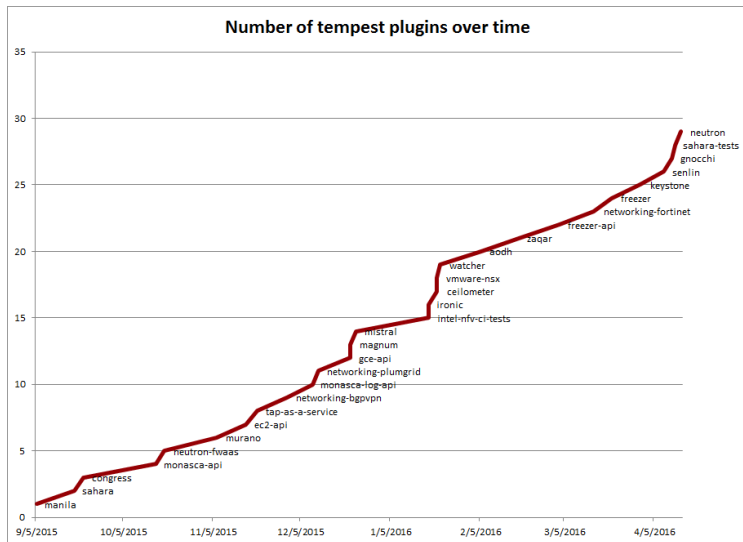
What is OpenStack QA?

- ▶ Official Mission Statement:
Develop, maintain, and initiate tools and plans to ensure the upstream stability and quality of OpenStack, and its release readiness at any point during the release cycle.

Current QA Projects

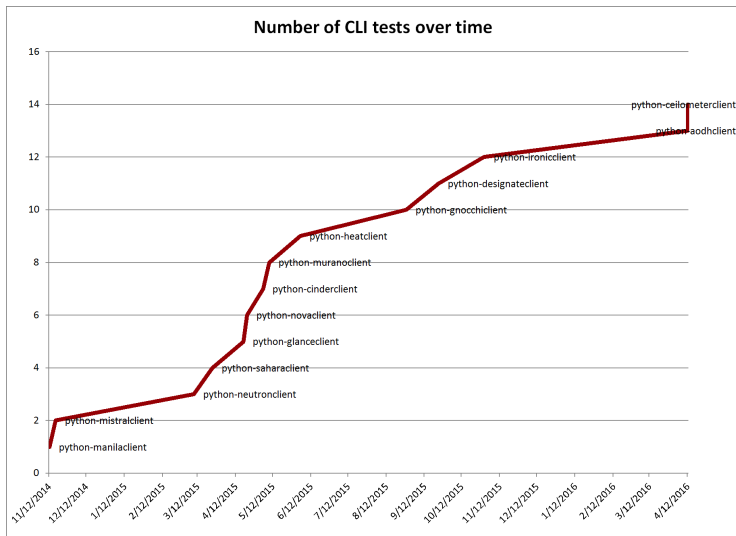
- ▶ devstack-plugin-cookiecutter
- ▶ eslint-config-openstack
- ▶ bashate
- ▶ stackviz
- ▶ devstack-vagrant
- ▶ qa-specs
- ▶ tempest-lib (deprecated)
- ▶ tempest
- ▶ devstack
- ▶ devstack-plugin-ceph
- ▶ os-testr
- ▶ openstack-health dashboard
- ▶ tempest-plugin-cookiecutter
- ▶ os-performance-tools
- ▶ hacking
- ▶ grenade

Tempest plugins over time



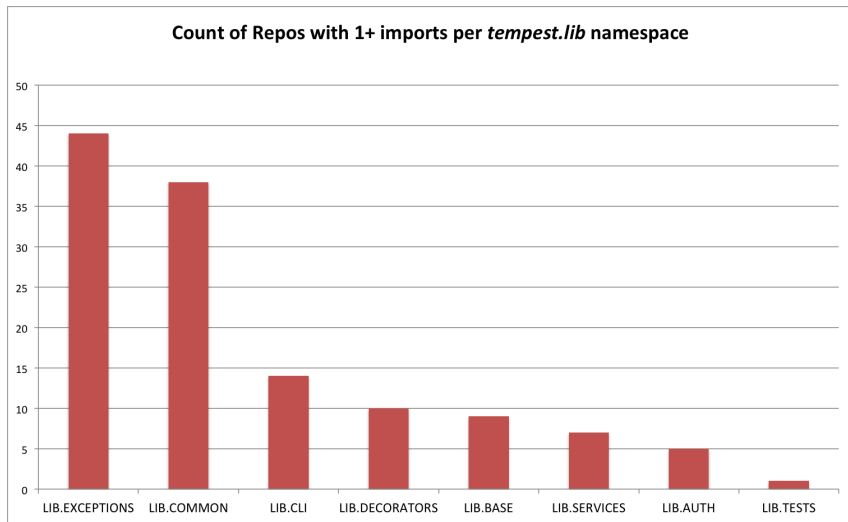
Source: `git blame -L '/^tempest/,+1' setup.cfg | awk '{print $1}' | xargs git log -1 --format=%cd --date=short`

CLI tests over time



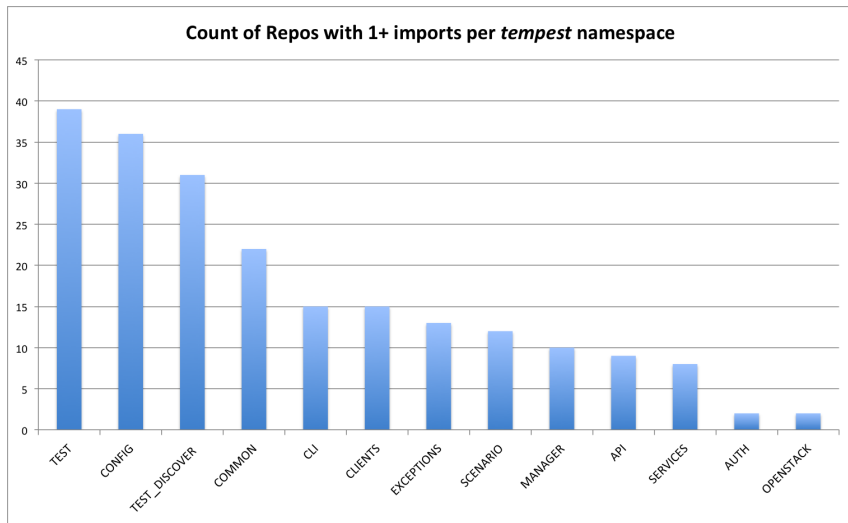
Source: `git blame -L 1 $(find . -name '*cli*.py')`

Tempest Stable APIs



Source: codesearch.openstack.org

Tempest Internal APIs



Source: codesearch.openstack.org

Questions?