

QA in the Open

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<https://github.com/mtreinish/qa-in-the-open>

What do I mean by Open Source QA

- ▶ Doing Software QA in an Open Source manner
- ▶

My Personal Experiences with Comercial Software QA

What is OpenStack

What is OpenStack QA?

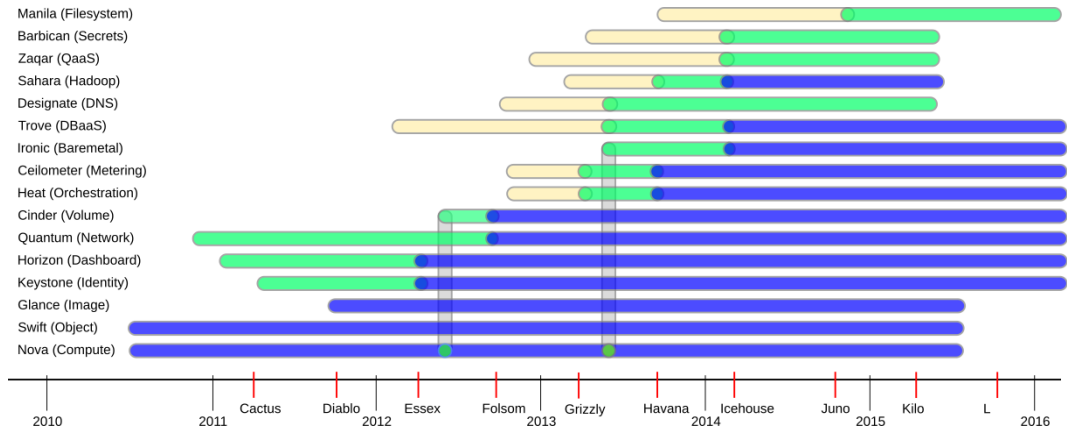
- ▶ Official Mission Statement:
Develop, maintain, and initiate tools and plans to ensure the upstream stability and quality of OpenStack, and its release readiness at any point during the release cycle.

Current QA Projects

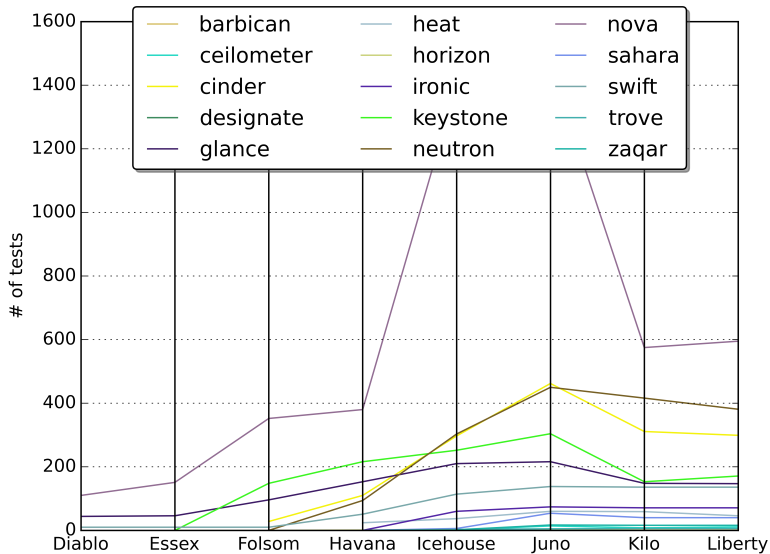
- ▶ bashate
- ▶ devstack
- ▶ devstack-plugin-cookiecutter
- ▶ devstack-plugin-ceph
- ▶ devstack-vagrant
- ▶ grenade
- ▶ tempest
- ▶ tempest-lib
- ▶ tempest-plugin-cookiecutter
- ▶ stackviz
- ▶ hacking
- ▶ eslint-config-openstack
- ▶ os-testr
- ▶ os-performance-tools
- ▶ openstack-health dashboard

In The Beginning

OpenStack Project Growth



Tempest Tests per Project



The Big Tent. . .



QA in the Big Tent

- ▶ QA projects now directly support base
- ▶ Provide stable plugin interfaces to expand functionality
- ▶ Better fits with the growth in projects

Current Projects QA directly supports in-tree

- ▶ Keystone
- ▶ Nova
- ▶ Glance
- ▶ Cinder
- ▶ Neutron
- ▶ Swift

Advantages

- ▶ Public audit of testing
- ▶ User confidence
- ▶ Reusable components

Problems

- ▶ Lack of Corporate Contribution
- ▶ Limited Free Resources
- ▶ Sometimes difficult to get community buy in

Where to get more information

- ▶ openstack-dev ML openstack-dev@lists.openstack.org
- ▶ #openstack-qa on Freenode

Questions?