

# QA in the Open

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

# Open Source QA

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

# My Personal Experiences with Comercial Software QA

# What is OpenStack

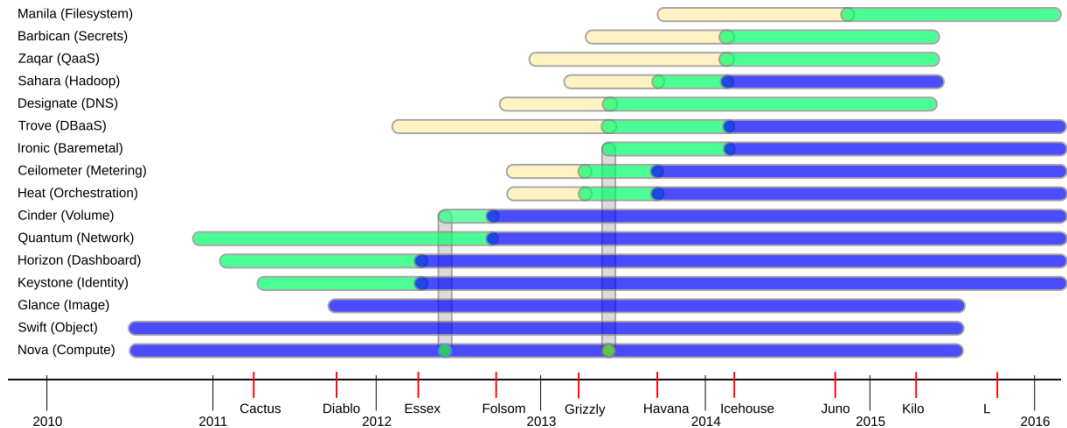
# What is OpenStack QA?

- ▶ 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.*

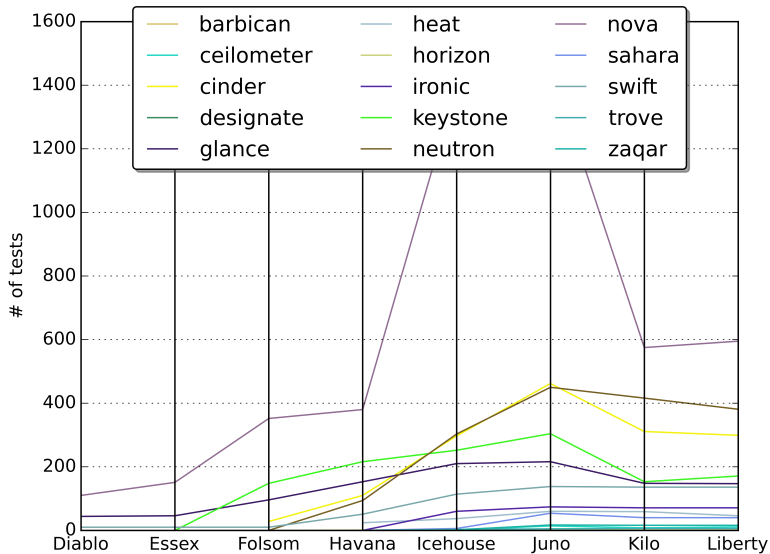
## Current QA Projects

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

# 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 Resources for
- ▶

## Where to get more information

- ▶ openstack-dev ML [openstack-dev@lists.openstack.org](mailto:openstack-dev@lists.openstack.org)
- ▶ #openstack-qa on Freenode

Questions?