

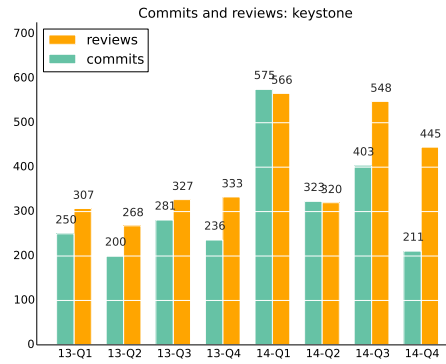
OpenStack Community Activity Report: Keystone
October-December, 2014
Report sponsored by the OpenStack Foundation



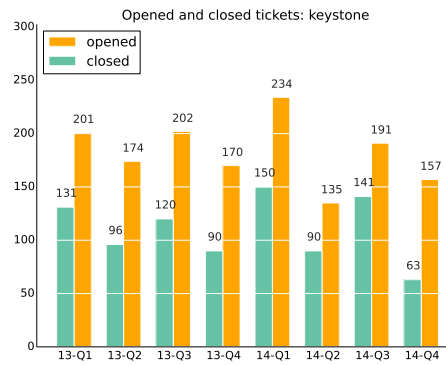
January 9, 2015

1 Activity

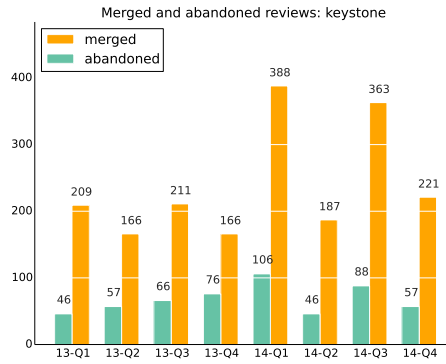
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



| Period | Commits | Reviews |
|--------|---------|---------|
| 13-Q1 | 250 | 307 |
| 13-Q2 | 200 | 268 |
| 13-Q3 | 281 | 327 |
| 13-Q4 | 236 | 333 |
| 14-Q1 | 575 | 566 |
| 14-Q2 | 323 | 320 |
| 14-Q3 | 403 | 548 |
| 14-Q4 | 211 | 445 |



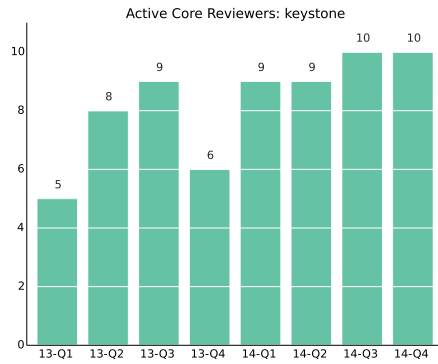
| Period | Closed | Opened |
|--------|--------|--------|
| 13-Q1 | 131 | 201 |
| 13-Q2 | 96 | 174 |
| 13-Q3 | 120 | 202 |
| 13-Q4 | 90 | 170 |
| 14-Q1 | 150 | 234 |
| 14-Q2 | 90 | 135 |
| 14-Q3 | 141 | 191 |
| 14-Q4 | 63 | 157 |



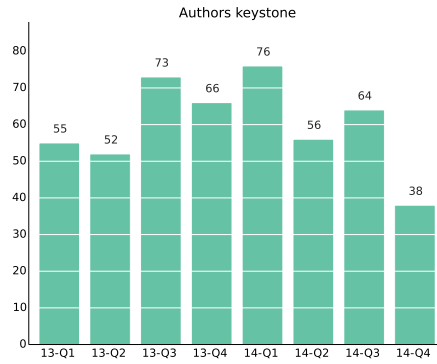
| Period | Merged | Abandoned |
|--------|--------|-----------|
| 13-Q1 | 209 | 46 |
| 13-Q2 | 166 | 57 |
| 13-Q3 | 211 | 66 |
| 13-Q4 | 166 | 76 |
| 14-Q1 | 388 | 106 |
| 14-Q2 | 187 | 46 |
| 14-Q3 | 363 | 88 |
| 14-Q4 | 221 | 57 |

2 Community

Active core reviewers in Gerrit, active authors in Git, top authors and organizations in the last quarter



| Period | Active Core |
|--------|-------------|
| 13-Q1 | 5 |
| 13-Q2 | 8 |
| 13-Q3 | 9 |
| 13-Q4 | 6 |
| 14-Q1 | 9 |
| 14-Q2 | 9 |
| 14-Q3 | 10 |
| 14-Q4 | 10 |



| Period | Authors |
|--------|---------|
| 13-Q1 | 55 |
| 13-Q2 | 52 |
| 13-Q3 | 73 |
| 13-Q4 | 66 |
| 14-Q1 | 76 |
| 14-Q2 | 56 |
| 14-Q3 | 64 |
| 14-Q4 | 38 |

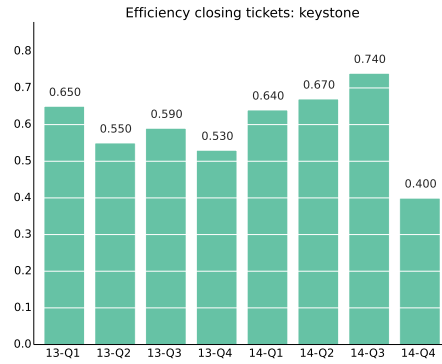
| Commit (s) | Author |
|------------|----------------------|
| 46 | Brant Knudson |
| 27 | Steve Martinelli |
| 20 | David Stanek |
| 18 | Rodrigo Duarte Sousa |
| 14 | Jamie Lennox |
| 12 | Henry Nash |
| 10 | Lance Bragstad |
| 9 | wanghong |
| 5 | Dolph Mathews |
| 5 | Morgan Fainberg |

| Commit (s) | Organizations |
|------------|----------------------|
| 104 | IBM |
| 26 | Rackspace |
| 26 | Red Hat |
| 20 | LSD |
| 13 | Huawei |
| 6 | Metacloud |
| 3 | Mirantis |
| 3 | OpenStack Foundation |
| 2 | CERN |
| 2 | HP |

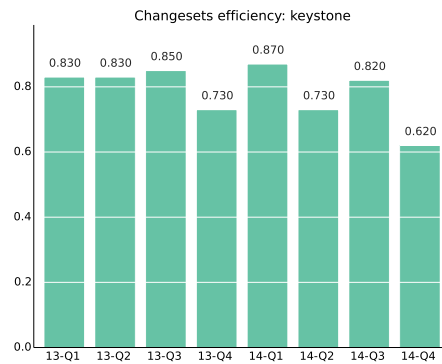
3 Process

Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.

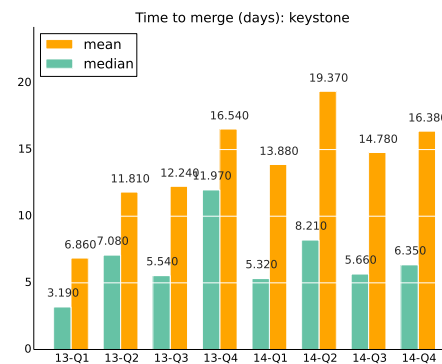
3 PROCESS



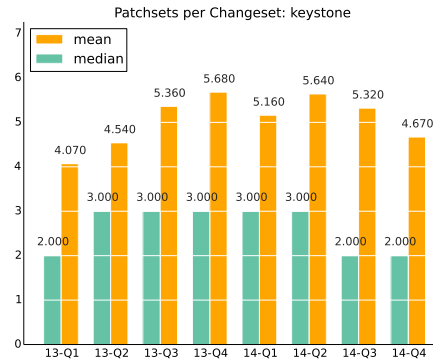
| Period | Closed/Opened |
|--------|---------------|
| 13-Q1 | 0.65 |
| 13-Q2 | 0.55 |
| 13-Q3 | 0.59 |
| 13-Q4 | 0.53 |
| 14-Q1 | 0.64 |
| 14-Q2 | 0.67 |
| 14-Q3 | 0.74 |
| 14-Q4 | 0.4 |



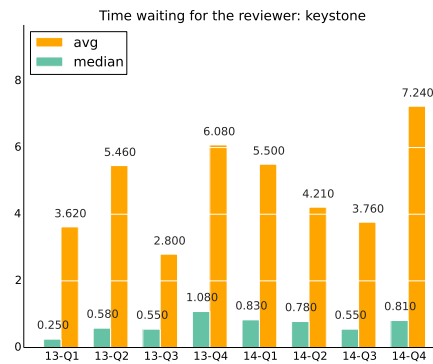
| Period | (Aband. and Merg.)/Subm. |
|--------|--------------------------|
| 13-Q1 | 0.83 |
| 13-Q2 | 0.83 |
| 13-Q3 | 0.85 |
| 13-Q4 | 0.73 |
| 14-Q1 | 0.87 |
| 14-Q2 | 0.73 |
| 14-Q3 | 0.82 |
| 14-Q4 | 0.62 |



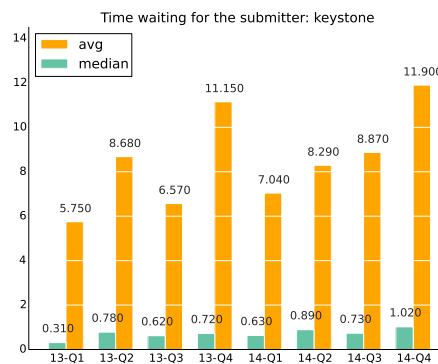
| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 3.19 | 6.86 |
| 13-Q2 | 7.08 | 11.81 |
| 13-Q3 | 5.54 | 12.24 |
| 13-Q4 | 11.97 | 16.54 |
| 14-Q1 | 5.32 | 13.88 |
| 14-Q2 | 8.21 | 19.37 |
| 14-Q3 | 5.66 | 14.78 |
| 14-Q4 | 6.35 | 16.38 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 2.0 | 4.07 |
| 13-Q2 | 3.0 | 4.54 |
| 13-Q3 | 3.0 | 5.36 |
| 13-Q4 | 3.0 | 5.68 |
| 14-Q1 | 3.0 | 5.16 |
| 14-Q2 | 3.0 | 5.64 |
| 14-Q3 | 2.0 | 5.32 |
| 14-Q4 | 2.0 | 4.67 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 0.25 | 3.62 |
| 13-Q2 | 0.58 | 5.46 |
| 13-Q3 | 0.55 | 2.8 |
| 13-Q4 | 1.08 | 6.08 |
| 14-Q1 | 0.83 | 5.5 |
| 14-Q2 | 0.78 | 4.21 |
| 14-Q3 | 0.55 | 3.76 |
| 14-Q4 | 0.81 | 7.24 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 0.31 | 5.75 |
| 13-Q2 | 0.78 | 8.68 |
| 13-Q3 | 0.62 | 6.57 |
| 13-Q4 | 0.72 | 11.15 |
| 14-Q1 | 0.63 | 7.04 |
| 14-Q2 | 0.89 | 8.29 |
| 14-Q3 | 0.73 | 8.87 |
| 14-Q4 | 1.02 | 11.9 |