

OpenStack Community Activity Report: Common
Libraries

October-December, 2014

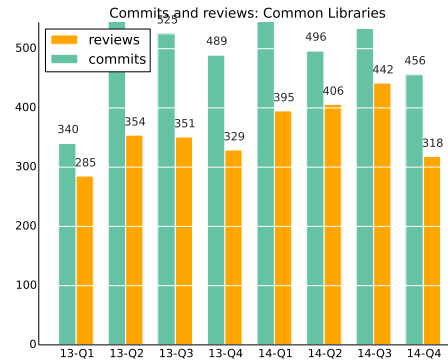
Report sponsored by the OpenStack Foundation



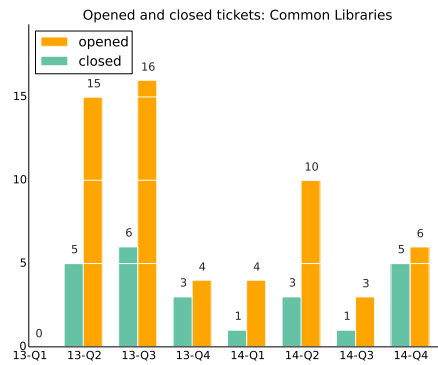
January 13, 2015

1 Activity

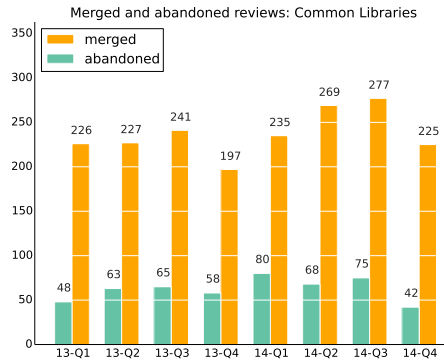
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



| Period | Commits | Reviews |
|--------|---------|---------|
| 13-Q1 | 340 | 285 |
| 13-Q2 | 606 | 354 |
| 13-Q3 | 525 | 351 |
| 13-Q4 | 489 | 329 |
| 14-Q1 | 672 | 395 |
| 14-Q2 | 496 | 406 |
| 14-Q3 | 534 | 442 |
| 14-Q4 | 456 | 318 |



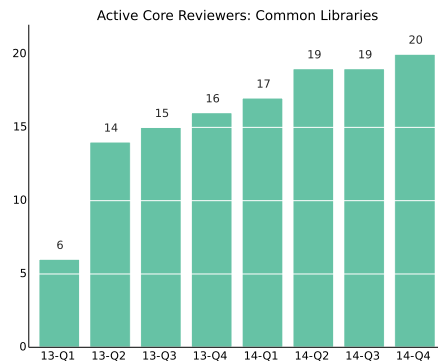
| Period | Closed | Opened |
|--------|--------|--------|
| 13-Q1 | 0 | 0 |
| 13-Q2 | 5 | 15 |
| 13-Q3 | 6 | 16 |
| 13-Q4 | 3 | 4 |
| 14-Q1 | 1 | 4 |
| 14-Q2 | 3 | 10 |
| 14-Q3 | 1 | 3 |
| 14-Q4 | 5 | 6 |



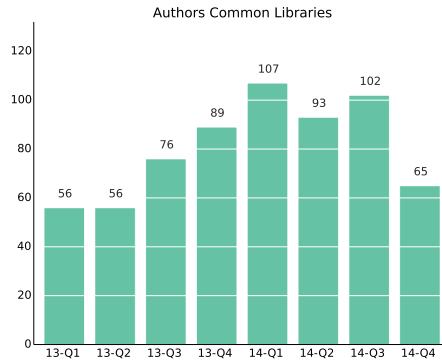
| Period | Merged | Abandoned |
|--------|--------|-----------|
| 13-Q1 | 226 | 48 |
| 13-Q2 | 227 | 63 |
| 13-Q3 | 241 | 65 |
| 13-Q4 | 197 | 58 |
| 14-Q1 | 235 | 80 |
| 14-Q2 | 269 | 68 |
| 14-Q3 | 277 | 75 |
| 14-Q4 | 225 | 42 |

2 Community

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



| Period | Active Core |
|--------|-------------|
| 13-Q1 | 6 |
| 13-Q2 | 14 |
| 13-Q3 | 15 |
| 13-Q4 | 16 |
| 14-Q1 | 17 |
| 14-Q2 | 19 |
| 14-Q3 | 19 |
| 14-Q4 | 20 |



| Period | Authors |
|--------|---------|
| 13-Q1 | 56 |
| 13-Q2 | 56 |
| 13-Q3 | 76 |
| 13-Q4 | 89 |
| 14-Q1 | 107 |
| 14-Q2 | 93 |
| 14-Q3 | 102 |
| 14-Q4 | 65 |

| Commit (s) | Author |
|------------|------------------|
| 146 | Joshua Harlow |
| 56 | Doug Hellmann |
| 40 | Julien Danjou |
| 29 | Mehdi Abaakouk |
| 25 | Davanum Srinivas |
| 15 | Jeremy Stanley |
| 12 | Ben Nemec |
| 10 | Ihar Hrachyshka |
| 10 | James Carey |
| 7 | Mike Bayer |

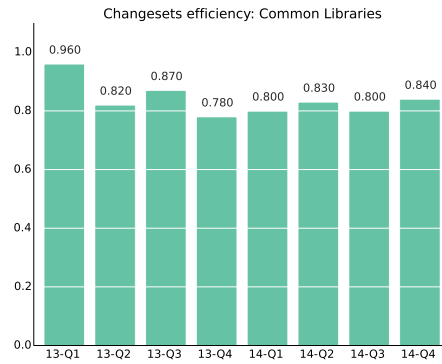
| Commit (s) | Organizations |
|------------|----------------------|
| 146 | Yahoo! |
| 116 | Red Hat |
| 63 | HP |
| 49 | IBM |
| 22 | Mirantis |
| 15 | OpenStack Foundation |
| 12 | VMware |
| 4 | B1 Systems |
| 4 | SUSE |
| 4 | Canonical |

3 Process

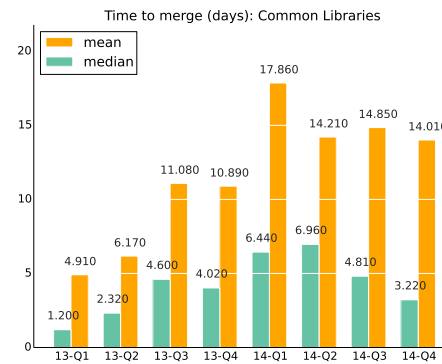
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



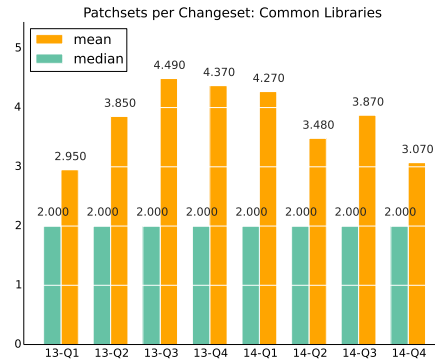
| Period | Closed/Opened |
|--------|---------------|
| 13-Q1 | 0 |
| 13-Q2 | 0.33 |
| 13-Q3 | 0.38 |
| 13-Q4 | 0.75 |
| 14-Q1 | 0.25 |
| 14-Q2 | 0.3 |
| 14-Q3 | 0.33 |
| 14-Q4 | 0.83 |



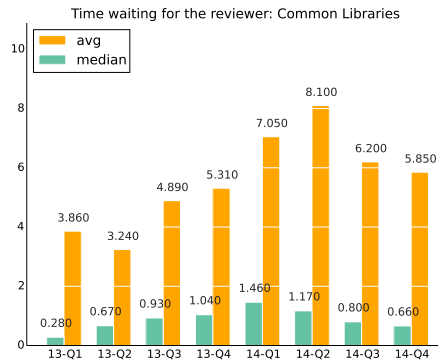
| Period | (Aband. and Merg.)/Subm. |
|--------|--------------------------|
| 13-Q1 | 0.96 |
| 13-Q2 | 0.82 |
| 13-Q3 | 0.87 |
| 13-Q4 | 0.78 |
| 14-Q1 | 0.8 |
| 14-Q2 | 0.83 |
| 14-Q3 | 0.8 |
| 14-Q4 | 0.84 |



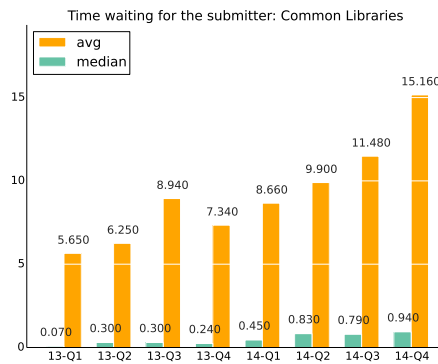
| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 1.2 | 4.91 |
| 13-Q2 | 2.32 | 6.17 |
| 13-Q3 | 4.6 | 11.08 |
| 13-Q4 | 4.02 | 10.89 |
| 14-Q1 | 6.44 | 17.86 |
| 14-Q2 | 6.96 | 14.21 |
| 14-Q3 | 4.81 | 14.85 |
| 14-Q4 | 3.22 | 14.01 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 2.0 | 2.95 |
| 13-Q2 | 2.0 | 3.85 |
| 13-Q3 | 2.0 | 4.49 |
| 13-Q4 | 2.0 | 4.37 |
| 14-Q1 | 2.0 | 4.27 |
| 14-Q2 | 2.0 | 3.48 |
| 14-Q3 | 2.0 | 3.87 |
| 14-Q4 | 2.0 | 3.07 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 0.28 | 3.86 |
| 13-Q2 | 0.67 | 3.24 |
| 13-Q3 | 0.93 | 4.89 |
| 13-Q4 | 1.04 | 5.31 |
| 14-Q1 | 1.46 | 7.05 |
| 14-Q2 | 1.17 | 8.1 |
| 14-Q3 | 0.8 | 6.2 |
| 14-Q4 | 0.66 | 5.85 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 0.07 | 5.65 |
| 13-Q2 | 0.3 | 6.25 |
| 13-Q3 | 0.3 | 8.94 |
| 13-Q4 | 0.24 | 7.34 |
| 14-Q1 | 0.45 | 8.66 |
| 14-Q2 | 0.83 | 9.9 |
| 14-Q3 | 0.79 | 11.48 |
| 14-Q4 | 0.94 | 15.16 |