

OpenStack Community Activity Report: Release
Cycle Management
October-December, 2014
Report sponsored by the OpenStack Foundation

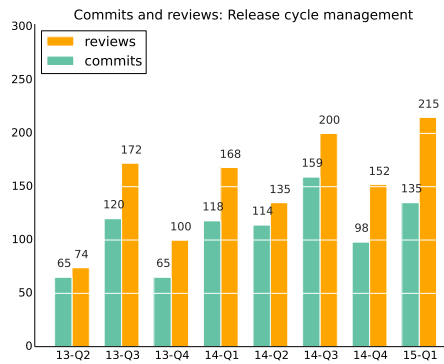


March 12, 2015

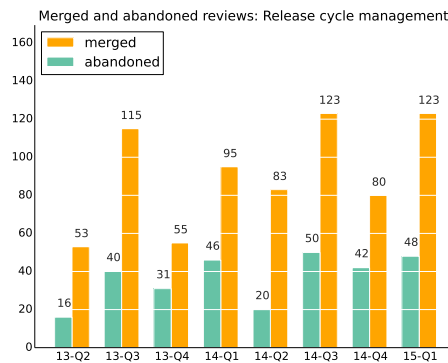
Tickets activity information is not available. This affects the activity of opened and closed tickets and the BMI chart.

1 Activity

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



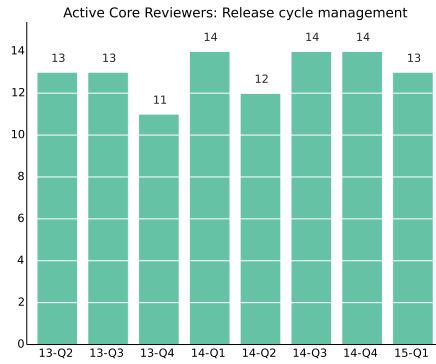
| Period | Commits | Reviews |
|--------|---------|---------|
| 13-Q2 | 65 | 74 |
| 13-Q3 | 120 | 172 |
| 13-Q4 | 65 | 100 |
| 14-Q1 | 118 | 168 |
| 14-Q2 | 114 | 135 |
| 14-Q3 | 159 | 200 |
| 14-Q4 | 98 | 152 |
| 15-Q1 | 135 | 215 |



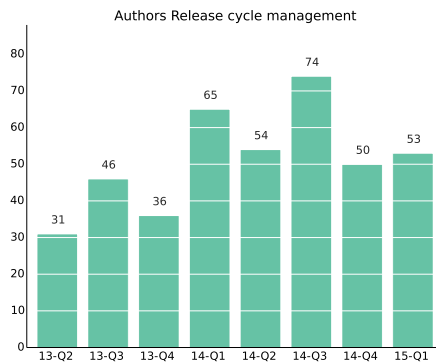
| Period | Merged | Abandoned |
|--------|--------|-----------|
| 13-Q2 | 53 | 16 |
| 13-Q3 | 115 | 40 |
| 13-Q4 | 55 | 31 |
| 14-Q1 | 95 | 46 |
| 14-Q2 | 83 | 20 |
| 14-Q3 | 123 | 50 |
| 14-Q4 | 80 | 42 |
| 15-Q1 | 123 | 48 |

2 Community

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



| Period | Active Core |
|--------|-------------|
| 13-Q2 | 13 |
| 13-Q3 | 13 |
| 13-Q4 | 11 |
| 14-Q1 | 14 |
| 14-Q2 | 12 |
| 14-Q3 | 14 |
| 14-Q4 | 14 |
| 15-Q1 | 13 |



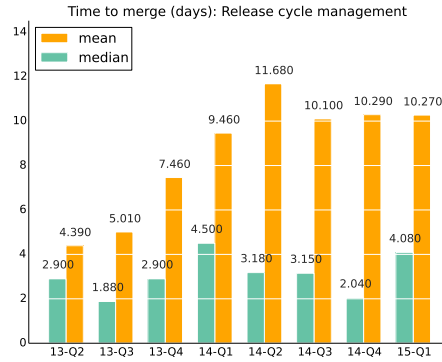
| Period | Authors |
|--------|---------|
| 13-Q2 | 31 |
| 13-Q3 | 46 |
| 13-Q4 | 36 |
| 14-Q1 | 65 |
| 14-Q2 | 54 |
| 14-Q3 | 74 |
| 14-Q4 | 50 |
| 15-Q1 | 53 |

| Commit (s) | Author |
|------------|------------------|
| 22 | Sean Dague |
| 17 | Doug Hellmann |
| 10 | Matt Riedemann |
| 9 | Ihar Hrachyshka |
| 8 | Joe Gordon |
| 4 | Adam Gandelman |
| 4 | Jeremy Stanley |
| 4 | Steve Martinelli |
| 3 | Chris Dent |
| 3 | Joshua Harlow |

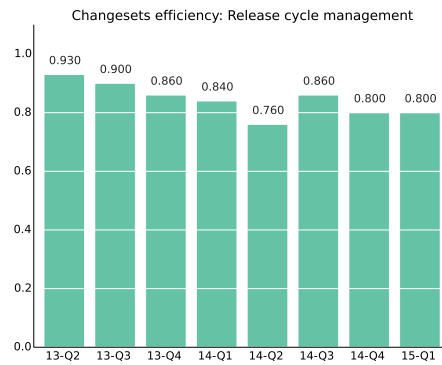
| Commit (s) | Organizations |
|------------|----------------------|
| 58 | HP |
| 25 | Red Hat |
| 22 | IBM |
| 5 | OpenStack Foundation |
| 5 | Rackspace |
| 3 | VMware |
| 3 | Yahoo! |
| 2 | Intel |
| 2 | Mirantis |
| 2 | SUSE |

3 Process

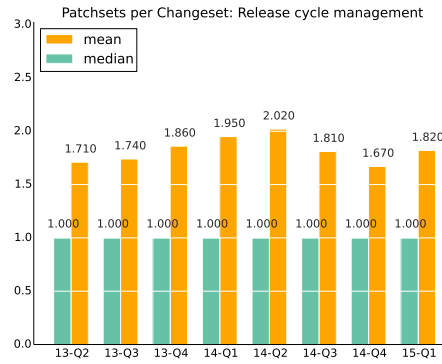
Efficiency closing changesets and tickets, time to review (mean and median), number of patchests (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



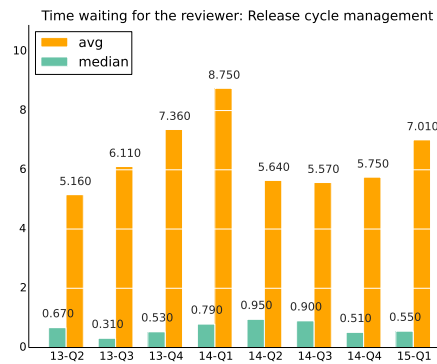
| Period | Median | Mean |
|--------|--------|-------|
| 13-Q2 | 2.9 | 4.39 |
| 13-Q3 | 1.88 | 5.01 |
| 13-Q4 | 2.9 | 7.46 |
| 14-Q1 | 4.5 | 9.46 |
| 14-Q2 | 3.18 | 11.68 |
| 14-Q3 | 3.15 | 10.1 |
| 14-Q4 | 2.04 | 10.29 |
| 15-Q1 | 4.08 | 10.27 |



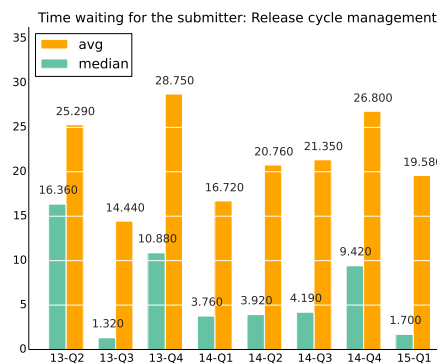
| Period | (Aband. and Merg.)/Subm. |
|--------|--------------------------|
| 13-Q2 | 0.93 |
| 13-Q3 | 0.9 |
| 13-Q4 | 0.86 |
| 14-Q1 | 0.84 |
| 14-Q2 | 0.76 |
| 14-Q3 | 0.86 |
| 14-Q4 | 0.8 |
| 15-Q1 | 0.8 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q2 | 1.0 | 1.71 |
| 13-Q3 | 1.0 | 1.74 |
| 13-Q4 | 1.0 | 1.86 |
| 14-Q1 | 1.0 | 1.95 |
| 14-Q2 | 1.0 | 2.02 |
| 14-Q3 | 1.0 | 1.81 |
| 14-Q4 | 1.0 | 1.67 |
| 15-Q1 | 1.0 | 1.82 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q2 | 0.67 | 5.16 |
| 13-Q3 | 0.31 | 6.11 |
| 13-Q4 | 0.53 | 7.36 |
| 14-Q1 | 0.79 | 8.75 |
| 14-Q2 | 0.95 | 5.64 |
| 14-Q3 | 0.9 | 5.57 |
| 14-Q4 | 0.51 | 5.75 |
| 15-Q1 | 0.55 | 7.01 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q2 | 16.36 | 25.29 |
| 13-Q3 | 1.32 | 14.44 |
| 13-Q4 | 10.88 | 28.75 |
| 14-Q1 | 3.76 | 16.72 |
| 14-Q2 | 3.92 | 20.76 |
| 14-Q3 | 4.19 | 21.35 |
| 14-Q4 | 9.42 | 26.8 |
| 15-Q1 | 1.7 | 19.58 |