

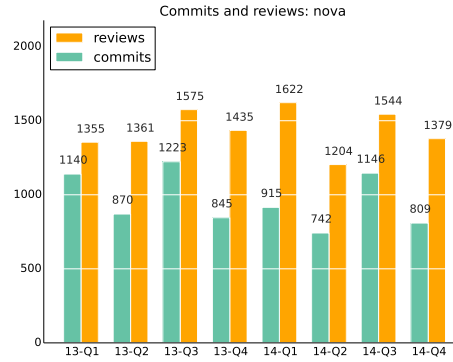
OpenStack Community Activity Report: Nova
October-December, 2014
Report sponsored by the OpenStack Foundation



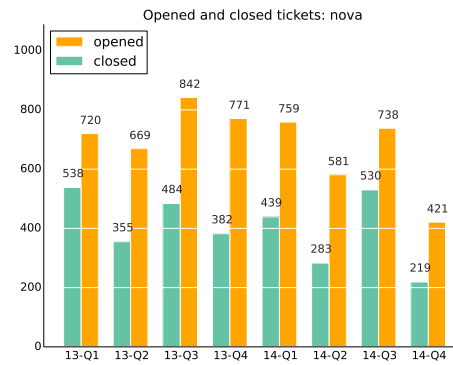
January 9, 2015

1 Activity

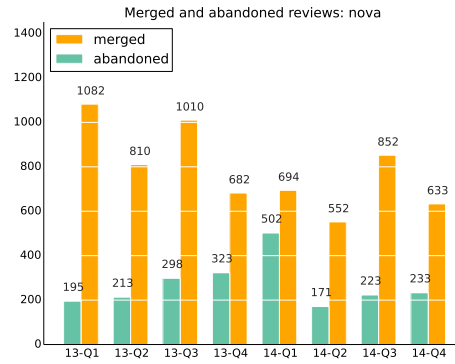
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



| Period | Commits | Reviews |
|--------|---------|---------|
| 13-Q1 | 1140 | 1355 |
| 13-Q2 | 870 | 1361 |
| 13-Q3 | 1223 | 1575 |
| 13-Q4 | 845 | 1435 |
| 14-Q1 | 915 | 1622 |
| 14-Q2 | 742 | 1204 |
| 14-Q3 | 1146 | 1544 |
| 14-Q4 | 809 | 1379 |



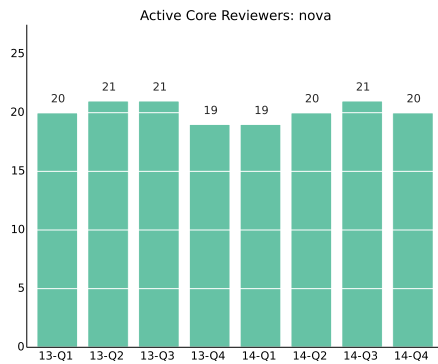
| Period | Closed | Opened |
|--------|--------|--------|
| 13-Q1 | 538 | 720 |
| 13-Q2 | 355 | 669 |
| 13-Q3 | 484 | 842 |
| 13-Q4 | 382 | 771 |
| 14-Q1 | 439 | 759 |
| 14-Q2 | 283 | 581 |
| 14-Q3 | 530 | 738 |
| 14-Q4 | 219 | 421 |



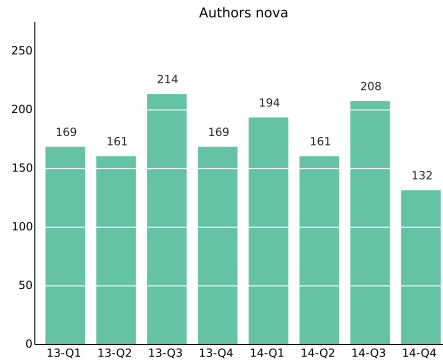
| Period | Merged | Abandoned |
|--------|--------|-----------|
| 13-Q1 | 1082 | 195 |
| 13-Q2 | 810 | 213 |
| 13-Q3 | 1010 | 298 |
| 13-Q4 | 682 | 323 |
| 14-Q1 | 694 | 502 |
| 14-Q2 | 552 | 171 |
| 14-Q3 | 852 | 223 |
| 14-Q4 | 633 | 233 |

2 Community

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



| Period | Active Core |
|--------|-------------|
| 13-Q1 | 20 |
| 13-Q2 | 21 |
| 13-Q3 | 21 |
| 13-Q4 | 19 |
| 14-Q1 | 19 |
| 14-Q2 | 20 |
| 14-Q3 | 21 |
| 14-Q4 | 20 |



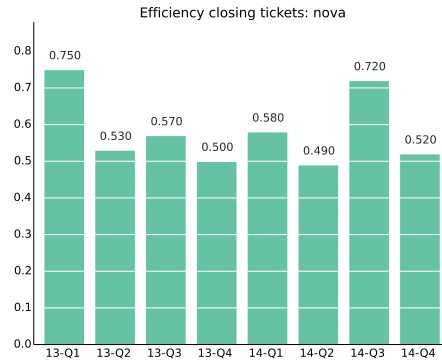
| Period | Authors |
|--------|---------|
| 13-Q1 | 169 |
| 13-Q2 | 161 |
| 13-Q3 | 214 |
| 13-Q4 | 169 |
| 14-Q1 | 194 |
| 14-Q2 | 161 |
| 14-Q3 | 208 |
| 14-Q4 | 132 |

| Commit (s) | Author |
|------------|--------------------------|
| 69 | garyk |
| 46 | Daniel P. Berrange |
| 38 | jichen |
| 36 | Dan Smith |
| 35 | Eli Qiao |
| 33 | Chris Yeoh |
| 31 | jaypipes |
| 28 | Ghanshyam Mann |
| 27 | Matt Riedemann |
| 26 | Sahid Orentino Ferdjaoui |

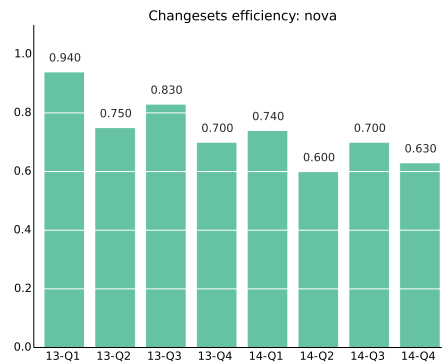
| Commit (s) | Organizations |
|------------|---------------|
| | IBM |
| | Red Hat |
| | VMware |
| | Radware |
| | HP |
| | NEC |
| | Rackspace |
| | Mirantis |
| | ATT |
| | Cloudwatt |

3 Process

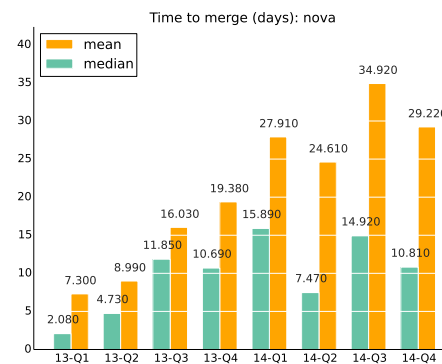
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



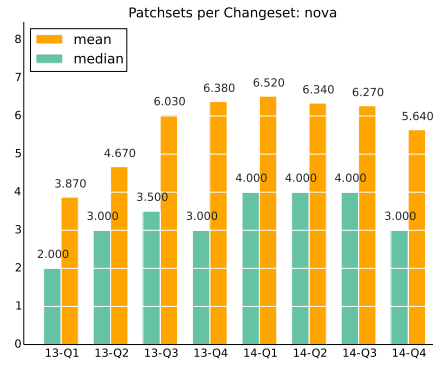
| Period | Closed/Opened |
|--------|---------------|
| 13-Q1 | 0.75 |
| 13-Q2 | 0.53 |
| 13-Q3 | 0.57 |
| 13-Q4 | 0.5 |
| 14-Q1 | 0.58 |
| 14-Q2 | 0.49 |
| 14-Q3 | 0.72 |
| 14-Q4 | 0.52 |



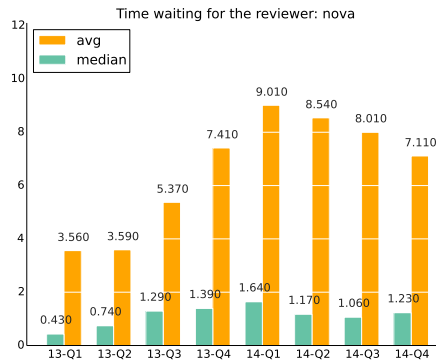
| Period | (Aband. and Merg.)/Subm. |
|--------|--------------------------|
| 13-Q1 | 0.94 |
| 13-Q2 | 0.75 |
| 13-Q3 | 0.83 |
| 13-Q4 | 0.7 |
| 14-Q1 | 0.74 |
| 14-Q2 | 0.6 |
| 14-Q3 | 0.7 |
| 14-Q4 | 0.63 |



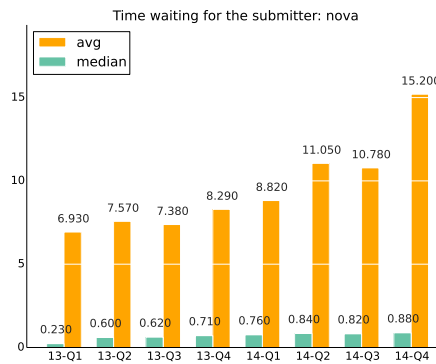
| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 2.08 | 7.3 |
| 13-Q2 | 4.73 | 8.99 |
| 13-Q3 | 11.85 | 16.03 |
| 13-Q4 | 10.69 | 19.38 |
| 14-Q1 | 15.89 | 27.91 |
| 14-Q2 | 7.47 | 24.61 |
| 14-Q3 | 14.92 | 34.92 |
| 14-Q4 | 10.81 | 29.22 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 2.0 | 3.87 |
| 13-Q2 | 3.0 | 4.67 |
| 13-Q3 | 3.5 | 6.03 |
| 13-Q4 | 3.0 | 6.38 |
| 14-Q1 | 4.0 | 6.52 |
| 14-Q2 | 4.0 | 6.34 |
| 14-Q3 | 4.0 | 6.27 |
| 14-Q4 | 3.0 | 5.64 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 0.43 | 3.56 |
| 13-Q2 | 0.74 | 3.59 |
| 13-Q3 | 1.29 | 5.37 |
| 13-Q4 | 1.39 | 7.41 |
| 14-Q1 | 1.64 | 9.01 |
| 14-Q2 | 1.17 | 8.54 |
| 14-Q3 | 1.06 | 8.01 |
| 14-Q4 | 1.23 | 7.11 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q1 | 0.23 | 6.93 |
| 13-Q2 | 0.6 | 7.57 |
| 13-Q3 | 0.62 | 7.38 |
| 13-Q4 | 0.71 | 8.29 |
| 14-Q1 | 0.76 | 8.82 |
| 14-Q2 | 0.84 | 11.05 |
| 14-Q3 | 0.82 | 10.78 |
| 14-Q4 | 0.88 | 15.2 |