

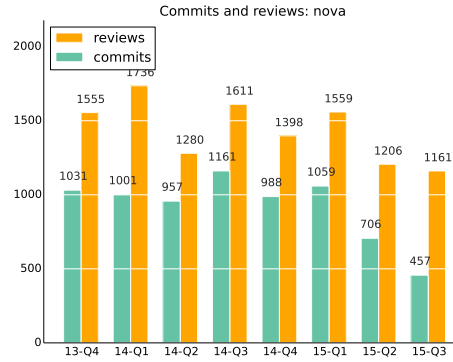
OpenStack Community Activity Report: Nova
April-June, 2015
Report sponsored by the OpenStack Foundation



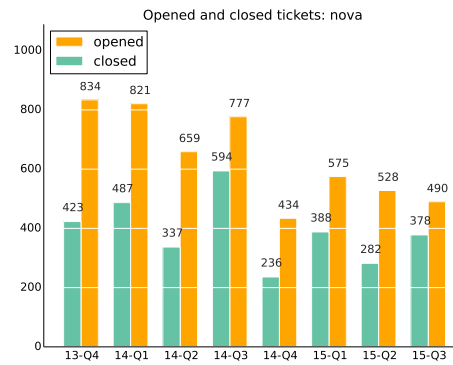
September 29, 2015

1 Activity

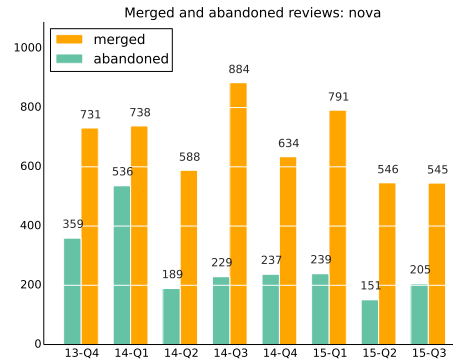
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



| Period | Commits | Reviews |
|--------|---------|---------|
| 13-Q4 | 1031 | 1555 |
| 14-Q1 | 1001 | 1736 |
| 14-Q2 | 957 | 1280 |
| 14-Q3 | 1161 | 1611 |
| 14-Q4 | 988 | 1398 |
| 15-Q1 | 1059 | 1559 |
| 15-Q2 | 706 | 1206 |
| 15-Q3 | 457 | 1161 |



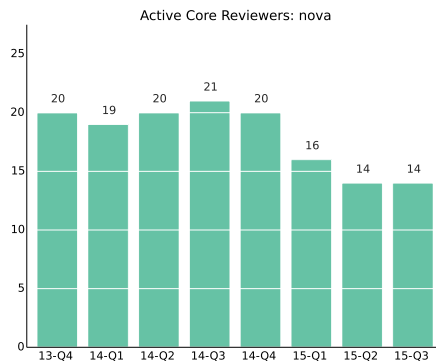
| Period | Closed | Opened |
|--------|--------|--------|
| 13-Q4 | 423 | 834 |
| 14-Q1 | 487 | 821 |
| 14-Q2 | 337 | 659 |
| 14-Q3 | 594 | 777 |
| 14-Q4 | 236 | 434 |
| 15-Q1 | 388 | 575 |
| 15-Q2 | 282 | 528 |
| 15-Q3 | 378 | 490 |



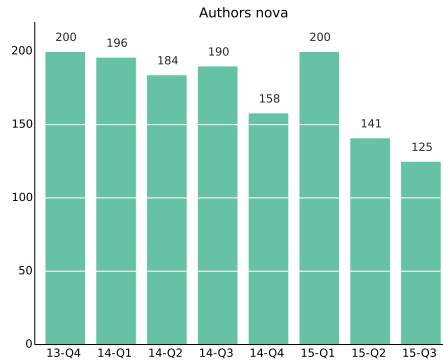
| Period | Merged | Abandoned |
|--------|--------|-----------|
| 13-Q4 | 731 | 359 |
| 14-Q1 | 738 | 536 |
| 14-Q2 | 588 | 189 |
| 14-Q3 | 884 | 229 |
| 14-Q4 | 634 | 237 |
| 15-Q1 | 791 | 239 |
| 15-Q2 | 546 | 151 |
| 15-Q3 | 545 | 205 |

2 Community

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



| Period | Active Core |
|--------|-------------|
| 13-Q4 | 20 |
| 14-Q1 | 19 |
| 14-Q2 | 20 |
| 14-Q3 | 21 |
| 14-Q4 | 20 |
| 15-Q1 | 16 |
| 15-Q2 | 14 |
| 15-Q3 | 14 |

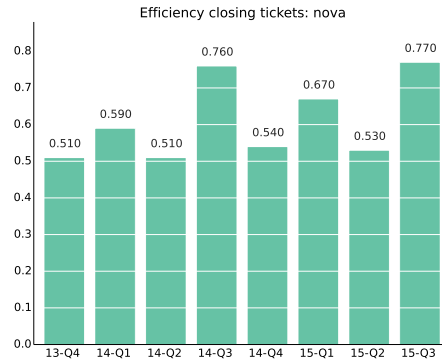


| Period | Authors |
|--------|---------|
| 13-Q4 | 200 |
| 14-Q1 | 196 |
| 14-Q2 | 184 |
| 14-Q3 | 190 |
| 14-Q4 | 158 |
| 15-Q1 | 200 |
| 15-Q2 | 141 |
| 15-Q3 | 125 |

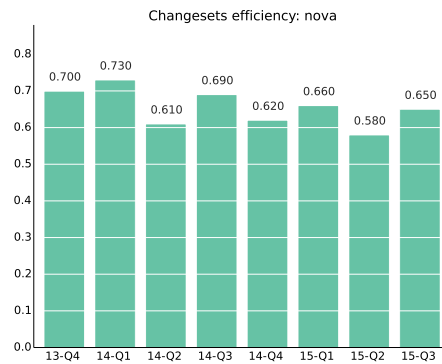
| Commit (s) | Author | Commit (s) | Organizations |
|------------|------------------------|------------|----------------------|
| 40 | Matt Riedemann | 123 | IBM |
| 33 | OpenStack Proposal Bot | 79 | Red Hat |
| 25 | Dan Smith | 38 | Rackspace |
| 21 | He Jie Xu | 35 | Intel |
| 20 | Ghanshyam Mann | 35 | Mirantis |
| 20 | Nikola Dipanov | 34 | NEC |
| 17 | Andrey Kurilin | 34 | OpenStack Foundation |
| 17 | Gary Kotton | 22 | VMWare |
| 14 | Sylvain Bauza | 18 | HP |
| 8 | Andrew Laski | 17 | NTT Data |

3 Process

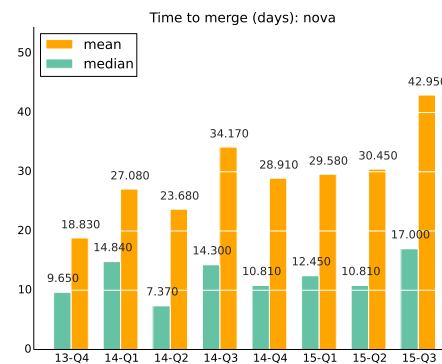
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



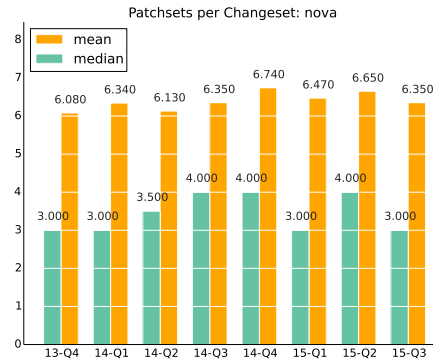
| Period | Closed/Opened |
|--------|---------------|
| 13-Q4 | 0.51 |
| 14-Q1 | 0.59 |
| 14-Q2 | 0.51 |
| 14-Q3 | 0.76 |
| 14-Q4 | 0.54 |
| 15-Q1 | 0.67 |
| 15-Q2 | 0.53 |
| 15-Q3 | 0.77 |



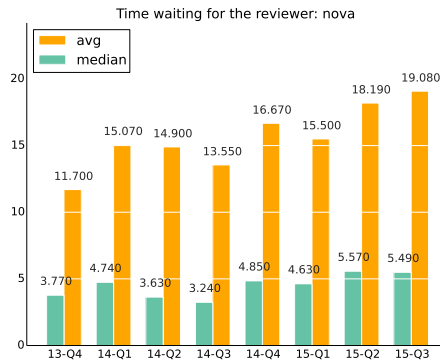
| Period | (Aband. and Merg.)/Subm. |
|--------|--------------------------|
| 13-Q4 | 0.7 |
| 14-Q1 | 0.73 |
| 14-Q2 | 0.61 |
| 14-Q3 | 0.69 |
| 14-Q4 | 0.62 |
| 15-Q1 | 0.66 |
| 15-Q2 | 0.58 |
| 15-Q3 | 0.65 |



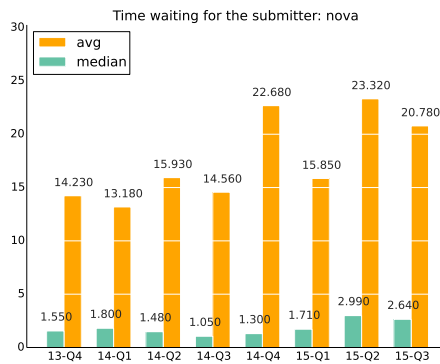
| Period | Median | Mean |
|--------|--------|-------|
| 13-Q4 | 9.65 | 18.83 |
| 14-Q1 | 14.84 | 27.08 |
| 14-Q2 | 7.37 | 23.68 |
| 14-Q3 | 14.3 | 34.17 |
| 14-Q4 | 10.81 | 28.91 |
| 15-Q1 | 12.45 | 29.58 |
| 15-Q2 | 10.81 | 30.45 |
| 15-Q3 | 17.0 | 42.95 |



| Period | Median | Mean |
|--------|--------|------|
| 13-Q4 | 3.0 | 6.08 |
| 14-Q1 | 3.0 | 6.34 |
| 14-Q2 | 3.5 | 6.13 |
| 14-Q3 | 4.0 | 6.35 |
| 14-Q4 | 4.0 | 6.74 |
| 15-Q1 | 3.0 | 6.47 |
| 15-Q2 | 4.0 | 6.65 |
| 15-Q3 | 3.0 | 6.35 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q4 | 3.77 | 11.7 |
| 14-Q1 | 4.74 | 15.07 |
| 14-Q2 | 3.63 | 14.9 |
| 14-Q3 | 3.24 | 13.55 |
| 14-Q4 | 4.85 | 16.67 |
| 15-Q1 | 4.63 | 15.5 |
| 15-Q2 | 5.57 | 18.19 |
| 15-Q3 | 5.49 | 19.08 |



| Period | Median | Mean |
|--------|--------|-------|
| 13-Q4 | 1.55 | 14.23 |
| 14-Q1 | 1.8 | 13.18 |
| 14-Q2 | 1.48 | 15.93 |
| 14-Q3 | 1.05 | 14.56 |
| 14-Q4 | 1.3 | 22.68 |
| 15-Q1 | 1.71 | 15.85 |
| 15-Q2 | 2.99 | 23.32 |
| 15-Q3 | 2.64 | 20.78 |