

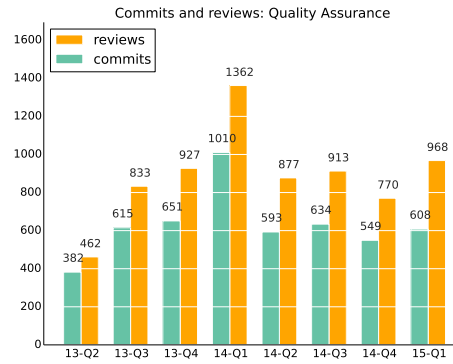
OpenStack Community Activity Report: Quality  
Assurance  
January-March, 2015  
Report sponsored by the OpenStack Foundation



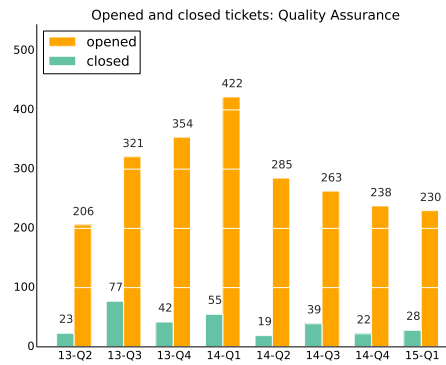
March 31, 2015

# 1 Activity

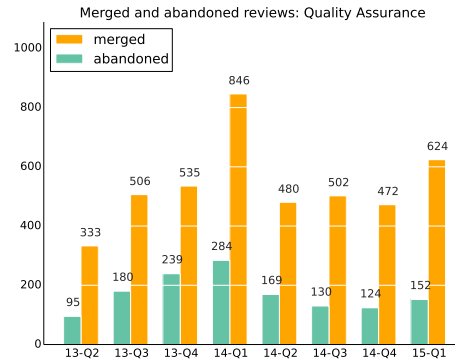
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q2	382	462
13-Q3	615	833
13-Q4	651	927
14-Q1	1010	1362
14-Q2	593	877
14-Q3	634	913
14-Q4	549	770
15-Q1	608	968



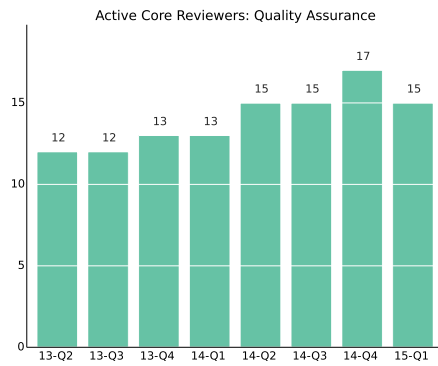
Period	Closed	Opened
13-Q2	23	206
13-Q3	77	321
13-Q4	42	354
14-Q1	55	422
14-Q2	19	285
14-Q3	39	263
14-Q4	22	238
15-Q1	28	230



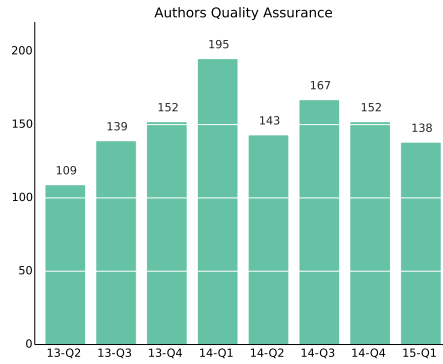
Period	Merged	Abandoned
13-Q2	333	95
13-Q3	506	180
13-Q4	535	239
14-Q1	846	284
14-Q2	480	169
14-Q3	502	130
14-Q4	472	124
15-Q1	624	152

## 2 Community

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



Period	Active Core
13-Q2	12
13-Q3	12
13-Q4	13
14-Q1	13
14-Q2	15
14-Q3	15
14-Q4	17
15-Q1	15



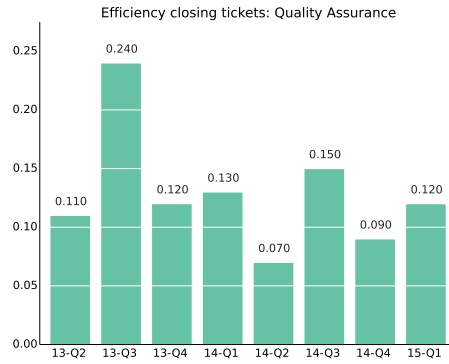
Period	Authors
13-Q2	109
13-Q3	139
13-Q4	152
14-Q1	195
14-Q2	143
14-Q3	167
14-Q4	152
15-Q1	138

Commit (s)	Author
58	Ken'ichi Ohmichi
40	Matthew Treinish
29	David Kranz
29	Joe Gordon
26	Dean Troyer
25	Ghanshyam Mann
24	Sean Dague
23	Andrea Frittoli
22	Masayuki Igawa
21	afazekas

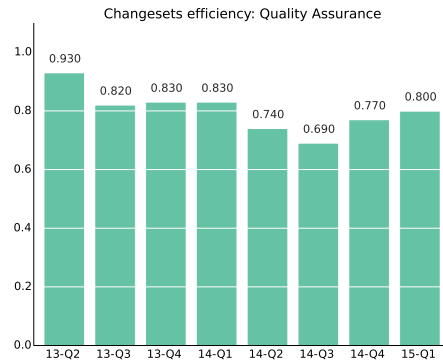
Commit (s)	Organizations
152	HP
141	Red Hat
108	NEC
43	IBM
26	Nebula
17	NTT
12	Mirantis
9	Citrix
7	VA Linux
6	Cisco Systems

### 3 Process

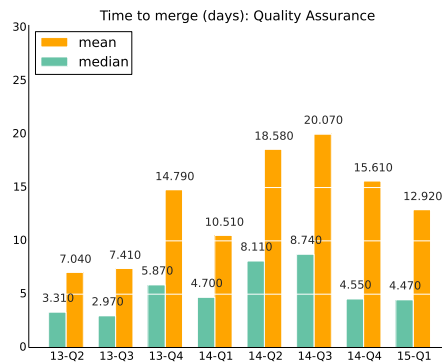
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



Period	Closed/Opened
13-Q2	0.11
13-Q3	0.24
13-Q4	0.12
14-Q1	0.13
14-Q2	0.07
14-Q3	0.15
14-Q4	0.09
15-Q1	0.12

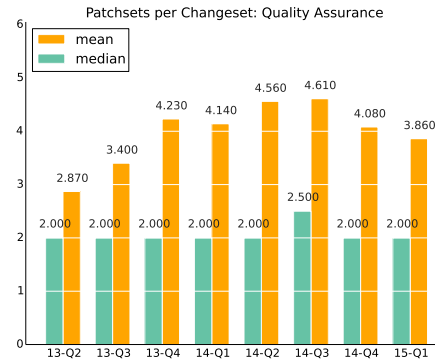


Period	Closed/Opened
13-Q2	0.93
13-Q3	0.82
13-Q4	0.83
14-Q1	0.83
14-Q2	0.74
14-Q3	0.69
14-Q4	0.77
15-Q1	0.8

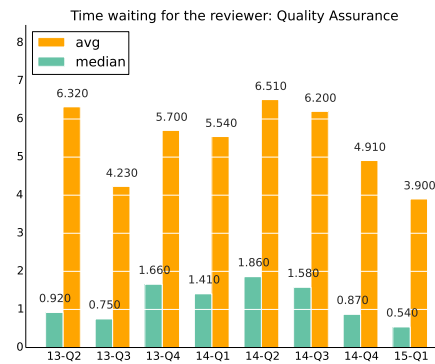


Period	Median	Mean
13-Q2	3.31	7.04
13-Q3	2.97	7.41
13-Q4	5.87	14.79
14-Q1	4.7	10.51
14-Q2	8.11	18.58
14-Q3	8.74	20.07
14-Q4	4.55	15.61
15-Q1	4.47	12.92

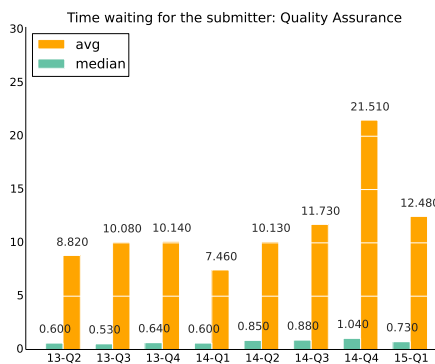
### 3 PROCESS



Period	Median	Mean
13-Q2	2.0	2.87
13-Q3	2.0	3.4
13-Q4	2.0	4.23
14-Q1	2.0	4.14
14-Q2	2.0	4.56
14-Q3	2.5	4.61
14-Q4	2.0	4.08
15-Q1	2.0	3.86



Period	Median	Mean
13-Q2	0.92	6.32
13-Q3	0.75	4.23
13-Q4	1.66	5.7
14-Q1	1.41	5.54
14-Q2	1.86	6.51
14-Q3	1.58	6.2
14-Q4	0.87	4.91
15-Q1	0.54	3.9



Period	Median	Mean
13-Q2	0.6	8.82
13-Q3	0.53	10.08
13-Q4	0.64	10.14
14-Q1	0.6	7.46
14-Q2	0.85	10.13
14-Q3	0.88	11.73
14-Q4	1.04	21.51
15-Q1	0.73	12.48