

OpenStack Community Activity Report: Quality
Assurance

October-December, 2014

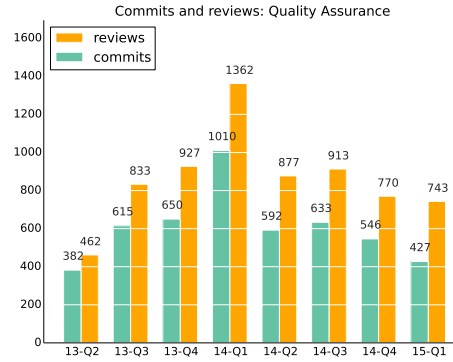
Report sponsored by the OpenStack Foundation



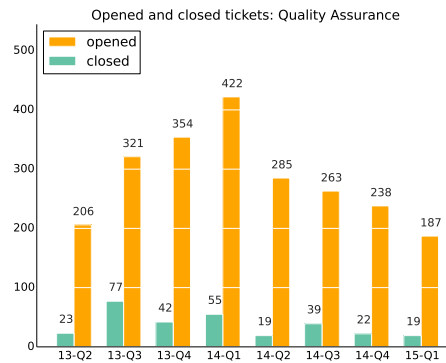
March 12, 2015

1 Activity

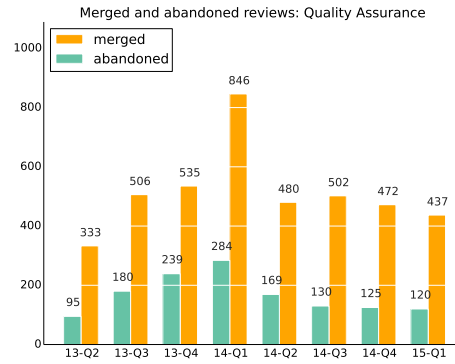
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q2	382	462
13-Q3	615	833
13-Q4	650	927
14-Q1	1010	1362
14-Q2	592	877
14-Q3	633	913
14-Q4	546	770
15-Q1	427	743



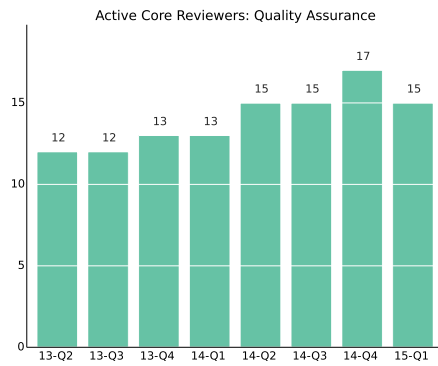
Period	Closed	Opened
13-Q2	23	206
13-Q3	77	321
13-Q4	42	354
14-Q1	55	422
14-Q2	19	285
14-Q3	39	263
14-Q4	22	238
15-Q1	19	187



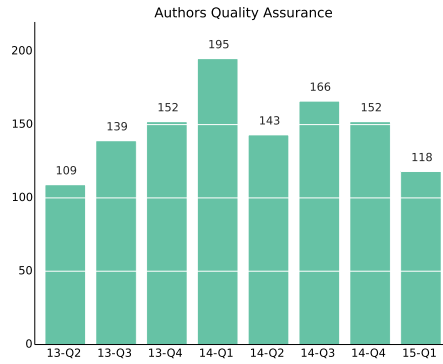
Period	Merged	Abandoned
13-Q2	333	95
13-Q3	506	180
13-Q4	535	239
14-Q1	846	284
14-Q2	480	169
14-Q3	502	130
14-Q4	472	125
15-Q1	437	120

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



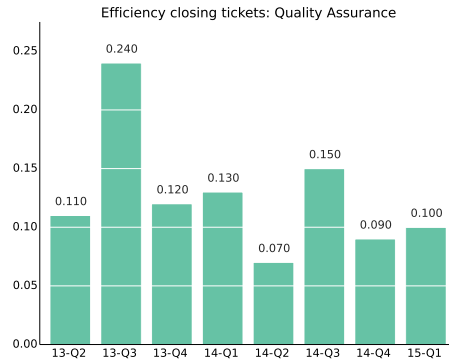
Period	Authors
13-Q2	109
13-Q3	139
13-Q4	152
14-Q1	195
14-Q2	143
14-Q3	166
14-Q4	152
15-Q1	118

Commit (s)	Author
51	Ken'ichi Ohmichi
26	Matthew Treinish
25	Joe Gordon
23	David Kranz
17	Sean Dague
15	afazekas
13	Ghanshyam Mann
13	Masayuki Igawa
12	Adam Gandelman
12	Dean Troyer

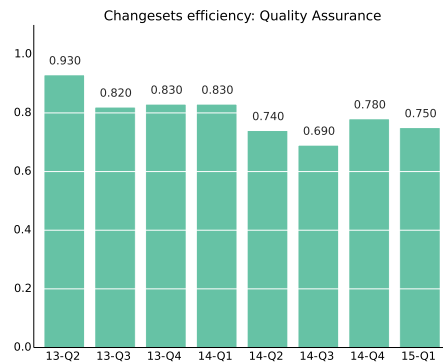
Commit (s)	Organizations
105	Red Hat
103	HP
79	NEC
29	IBM
13	NTT
12	Nebula
9	Citrix
6	Mirantis
5	Cisco Systems
5	VA Linux

3 Process

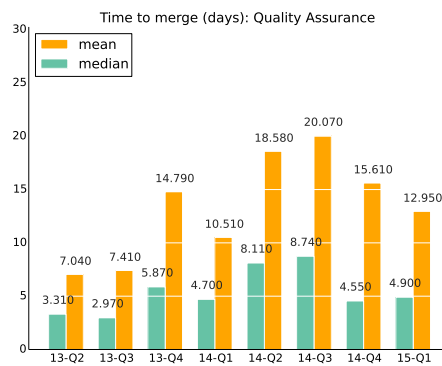
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



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	0.1

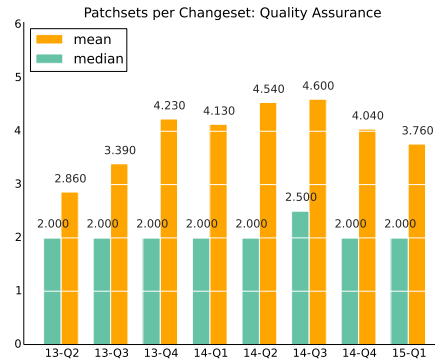


Period	Closed/Opened
13-Q2	0.93
13-Q3	0.82
13-Q4	0.83
14-Q1	0.83
14-Q2	0.74
14-Q3	0.69
14-Q4	0.78
15-Q1	0.75

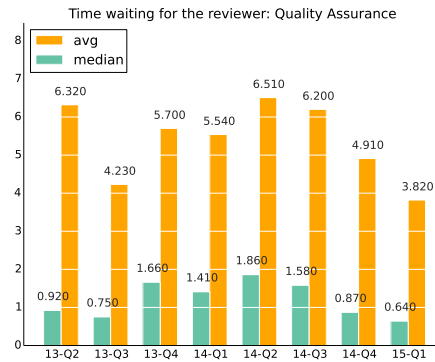


Period	Median	Mean
13-Q2	3.31	7.04
13-Q3	2.97	7.41
13-Q4	5.87	14.79
14-Q1	4.7	10.51
14-Q2	8.11	18.58
14-Q3	8.74	20.07
14-Q4	4.55	15.61
15-Q1	4.9	12.95

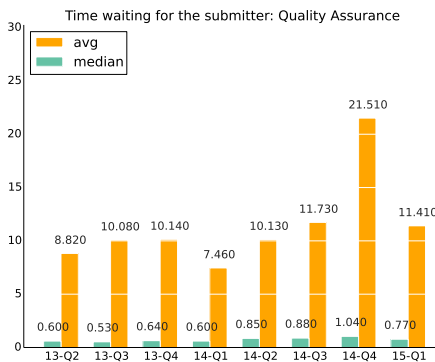
3 PROCESS



Period	Median	Mean
13-Q2	2.0	2.86
13-Q3	2.0	3.39
13-Q4	2.0	4.23
14-Q1	2.0	4.13
14-Q2	2.0	4.54
14-Q3	2.5	4.6
14-Q4	2.0	4.04
15-Q1	2.0	3.76



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	0.64	3.82



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	0.77	11.41