

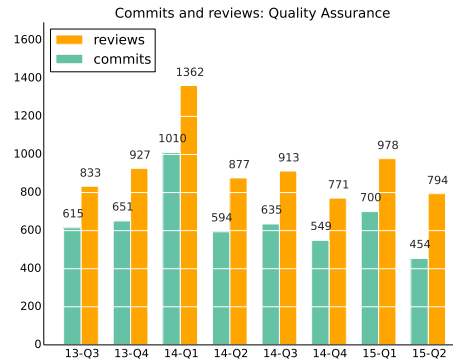
OpenStack Community Activity Report: Quality
Assurance
April-June, 2015
Report sponsored by the OpenStack Foundation



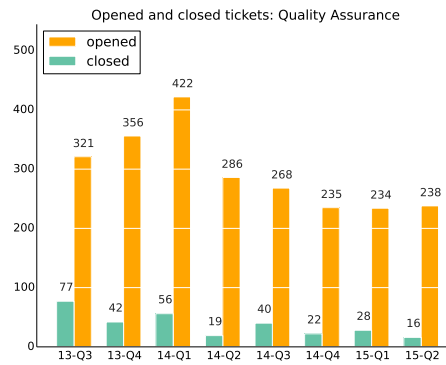
July 21, 2015

1 Activity

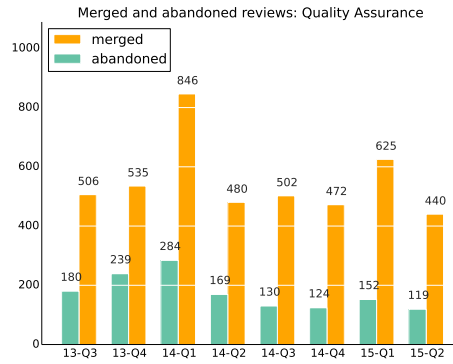
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q3	615	833
13-Q4	651	927
14-Q1	1010	1362
14-Q2	594	877
14-Q3	635	913
14-Q4	549	771
15-Q1	700	978
15-Q2	454	794



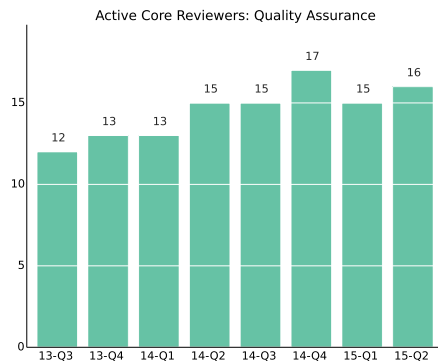
Period	Closed	Opened
13-Q3	77	321
13-Q4	42	356
14-Q1	56	422
14-Q2	19	286
14-Q3	40	268
14-Q4	22	235
15-Q1	28	234
15-Q2	16	238



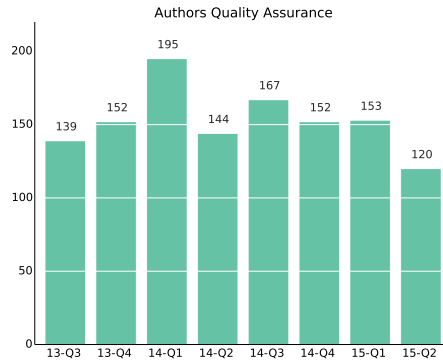
Period	Merged	Abandoned
13-Q3	506	180
13-Q4	535	239
14-Q1	846	284
14-Q2	480	169
14-Q3	502	130
14-Q4	472	124
15-Q1	625	152
15-Q2	440	119

2 Community

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



Period	Active Core
13-Q3	12
13-Q4	13
14-Q1	13
14-Q2	15
14-Q3	15
14-Q4	17
15-Q1	15
15-Q2	16



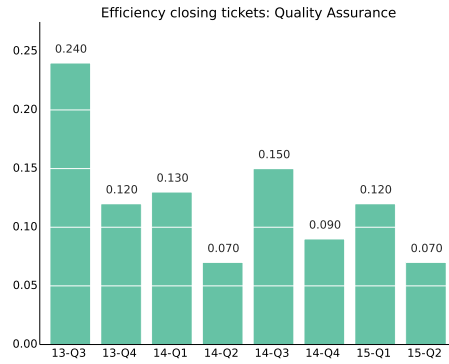
Period	Authors
13-Q3	139
13-Q4	152
14-Q1	195
14-Q2	144
14-Q3	167
14-Q4	152
15-Q1	153
15-Q2	120

Commit (s)	Author
90	Sean Dague
51	Matthew Treinish
28	Ken'ichi Ohmichi
21	Ian Wienand
13	David Kranz
12	Andrea Frittoli
9	Chris Dent
9	Ghanshyam Mann
9	Matt Riedemann
8	rbtcollins

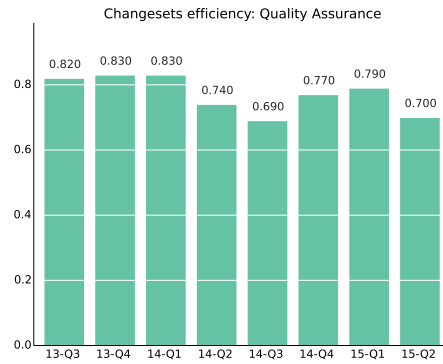
Commit (s)	Organizations
186	HP
75	Red Hat
38	NEC
31	IBM
17	Mirantis
7	Rackspace
7	SUSE
6	Comcast
5	JPBerlin
5	Yahoo!

3 Process

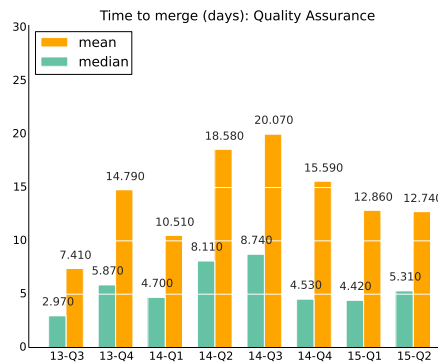
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



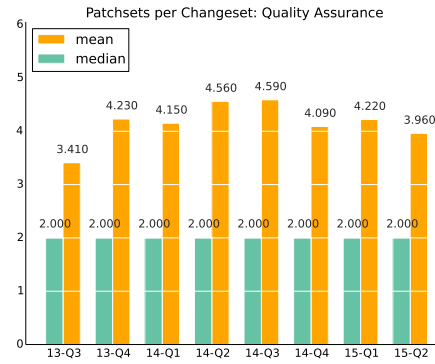
Period	Closed/Opened
13-Q3	0.24
13-Q4	0.12
14-Q1	0.13
14-Q2	0.07
14-Q3	0.15
14-Q4	0.09
15-Q1	0.12
15-Q2	0.07



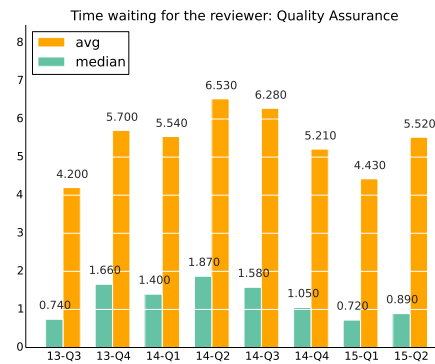
Period	Closed/Opened
13-Q3	0.82
13-Q4	0.83
14-Q1	0.83
14-Q2	0.74
14-Q3	0.69
14-Q4	0.77
15-Q1	0.79
15-Q2	0.7



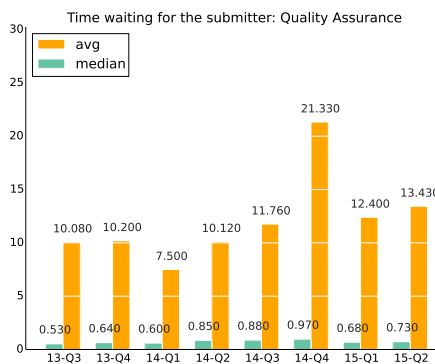
Period	Median	Mean
13-Q3	2.97	7.41
13-Q4	5.87	14.79
14-Q1	4.7	10.51
14-Q2	8.11	18.58
14-Q3	8.74	20.07
14-Q4	4.53	15.59
15-Q1	4.42	12.86
15-Q2	5.31	12.74



Period	Median	Mean
13-Q3	2.0	3.41
13-Q4	2.0	4.23
14-Q1	2.0	4.15
14-Q2	2.0	4.56
14-Q3	2.0	4.59
14-Q4	2.0	4.09
15-Q1	2.0	4.22
15-Q2	2.0	3.96



Period	Median	Mean
13-Q3	0.74	4.2
13-Q4	1.66	5.7
14-Q1	1.4	5.54
14-Q2	1.87	6.53
14-Q3	1.58	6.28
14-Q4	1.05	5.21
15-Q1	0.72	4.43
15-Q2	0.89	5.52



Period	Median	Mean
13-Q3	0.53	10.08
13-Q4	0.64	10.2
14-Q1	0.6	7.5
14-Q2	0.85	10.12
14-Q3	0.88	11.76
14-Q4	0.97	21.33
15-Q1	0.68	12.4
15-Q2	0.73	13.43