

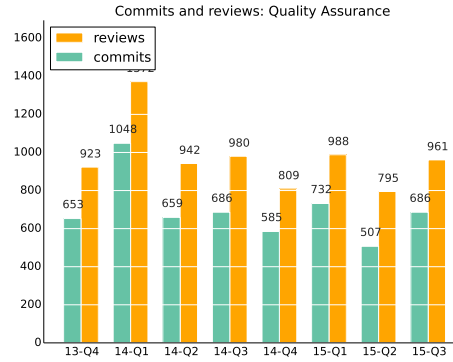
OpenStack Community Activity Report: Quality
Assurance
July-September, 2015
Report sponsored by the OpenStack Foundation



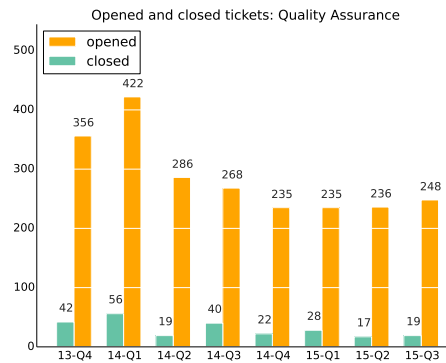
October 11, 2015

1 Activity

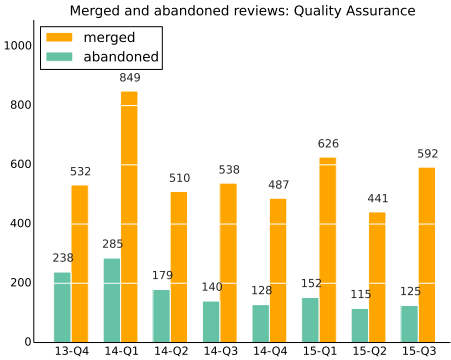
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q4	653	923
14-Q1	1048	1372
14-Q2	659	942
14-Q3	686	980
14-Q4	585	809
15-Q1	732	988
15-Q2	507	795
15-Q3	686	961



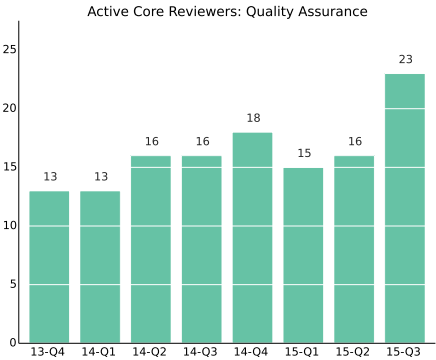
Period	Closed	Opened
13-Q4	42	356
14-Q1	56	422
14-Q2	19	286
14-Q3	40	268
14-Q4	22	235
15-Q1	28	235
15-Q2	17	236
15-Q3	19	248



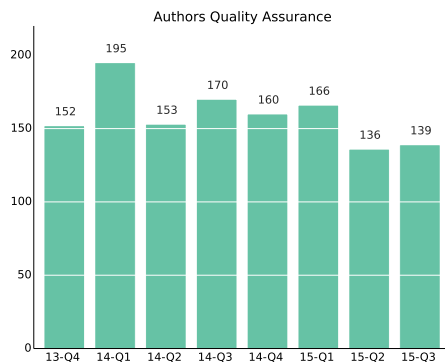
Period	Merged	Abandoned
13-Q4	532	238
14-Q1	849	285
14-Q2	510	179
14-Q3	538	140
14-Q4	487	128
15-Q1	626	152
15-Q2	441	115
15-Q3	592	125

2 Community

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



Period	Active Core
13-Q4	13
14-Q1	13
14-Q2	16
14-Q3	16
14-Q4	18
15-Q1	15
15-Q2	16
15-Q3	23



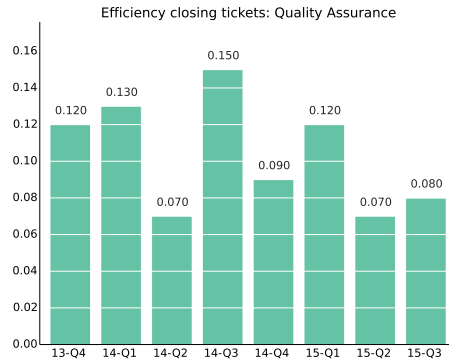
Period	Authors
13-Q4	152
14-Q1	195
14-Q2	153
14-Q3	170
14-Q4	160
15-Q1	166
15-Q2	136
15-Q3	139

Commit (s)	Author
235	Tim Buckley
87	Austin Clark
47	oomichi
43	Matthew Treinish
42	Ghanshyam Mann
27	Michael Krotscheck
26	John Warren
20	ken-oomichi
18	Sean Dague
15	Anusha Ramineni

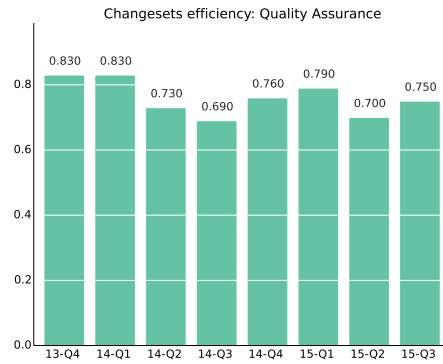
Commit (s)	Organizations
446	HP
141	NEC
57	Red Hat
55	IBM
24	Mirantis
14	NTT
11	Intel
10	Deutsche Telekom
8	99cloud
7	Fujitsu
7	NTT Data

3 Process

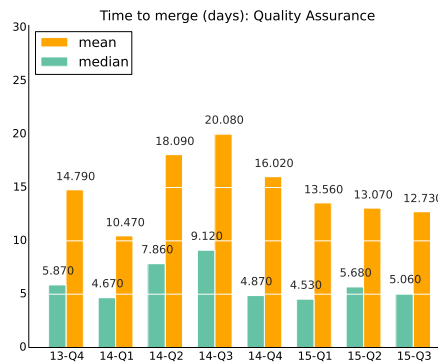
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



Period	Closed/Opened
13-Q4	0.12
14-Q1	0.13
14-Q2	0.07
14-Q3	0.15
14-Q4	0.09
15-Q1	0.12
15-Q2	0.07
15-Q3	0.08

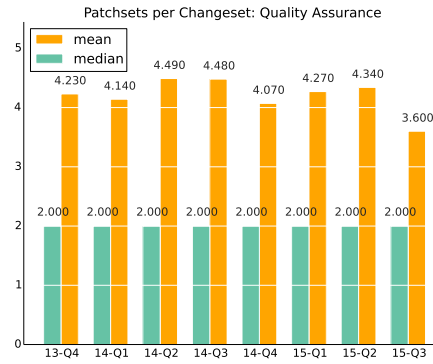


Period	Closed/Opened
13-Q4	0.83
14-Q1	0.83
14-Q2	0.73
14-Q3	0.69
14-Q4	0.76
15-Q1	0.79
15-Q2	0.7
15-Q3	0.75

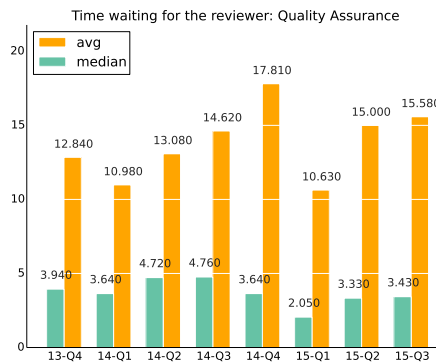


Period	Median	Mean
13-Q4	5.87	14.79
14-Q1	4.67	10.47
14-Q2	7.86	18.09
14-Q3	9.12	20.08
14-Q4	4.87	16.02
15-Q1	4.53	13.56
15-Q2	5.68	13.07
15-Q3	5.06	12.73

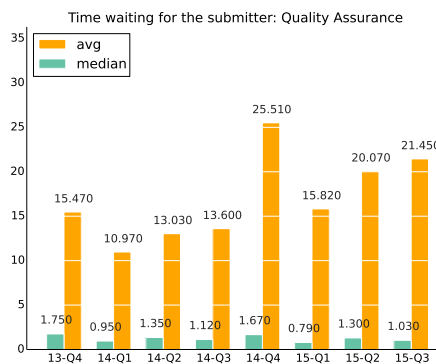
3 PROCESS



Period	Median	Mean
13-Q4	2.0	4.23
14-Q1	2.0	4.14
14-Q2	2.0	4.49
14-Q3	2.0	4.48
14-Q4	2.0	4.07
15-Q1	2.0	4.27
15-Q2	2.0	4.34
15-Q3	2.0	3.6



Period	Median	Mean
13-Q4	3.94	12.84
14-Q1	3.64	10.98
14-Q2	4.72	13.08
14-Q3	4.76	14.62
14-Q4	3.64	17.81
15-Q1	2.05	10.63
15-Q2	3.33	15.0
15-Q3	3.43	15.58



Period	Median	Mean
13-Q4	1.75	15.47
14-Q1	0.95	10.97
14-Q2	1.35	13.03
14-Q3	1.12	13.6
14-Q4	1.67	25.51
15-Q1	0.79	15.82
15-Q2	1.3	20.07
15-Q3	1.03	21.45