

OpenStack Community Activity Report: Quality
Assurance

October-December, 2015

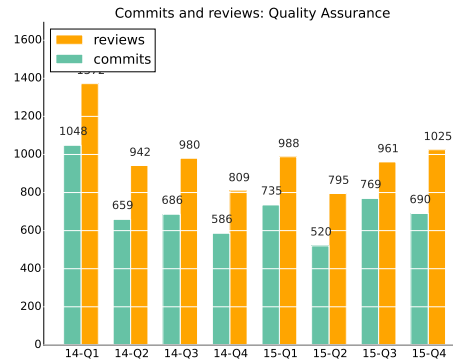
Report sponsored by the OpenStack Foundation



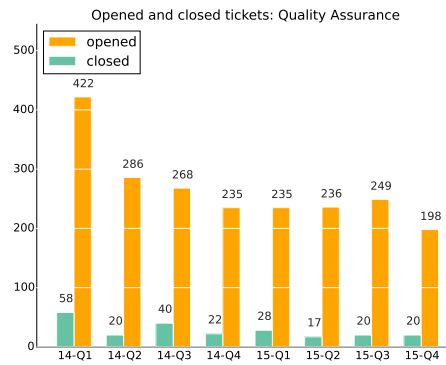
January 14, 2016

1 Activity

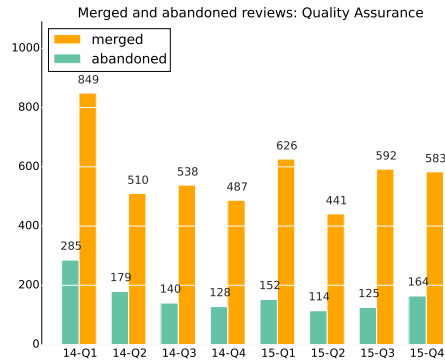
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
14-Q1	1048	1372
14-Q2	659	942
14-Q3	686	980
14-Q4	586	809
15-Q1	735	988
15-Q2	520	795
15-Q3	769	961
15-Q4	690	1025



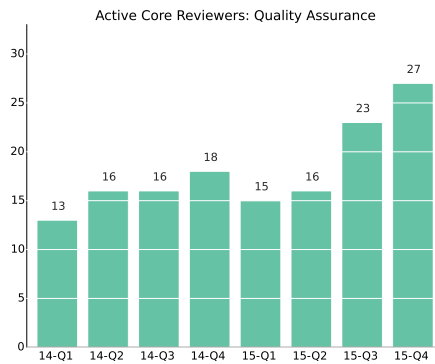
Period	Closed	Opened
14-Q1	58	422
14-Q2	20	286
14-Q3	40	268
14-Q4	22	235
15-Q1	28	235
15-Q2	17	236
15-Q3	20	249
15-Q4	20	198



Period	Merged	Abandoned
14-Q1	849	285
14-Q2	510	179
14-Q3	538	140
14-Q4	487	128
15-Q1	626	152
15-Q2	441	114
15-Q3	592	125
15-Q4	583	164

2 Community

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



Period	Active Core
14-Q1	13
14-Q2	16
14-Q3	16
14-Q4	18
15-Q1	15
15-Q2	16
15-Q3	23
15-Q4	27



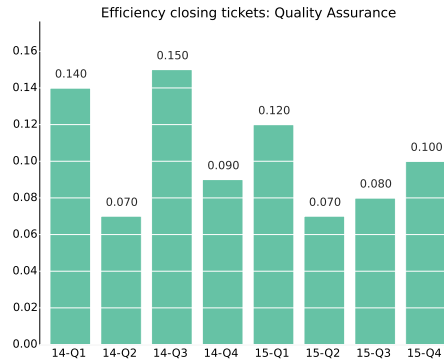
Period	Authors
14-Q1	195
14-Q2	153
14-Q3	170
14-Q4	160
15-Q1	167
15-Q2	137
15-Q3	162
15-Q4	141

Commit (s)	Author
65	ken-oomichi
55	Ghanshyam Mann
43	Matthew Treinish
42	Glauco Oliveira
39	Clint Byrum
37	Sean Dague
34	Tim Buckley
25	Ian Wienand
18	Yaroslav Lobankov
13	Sean M. Collins

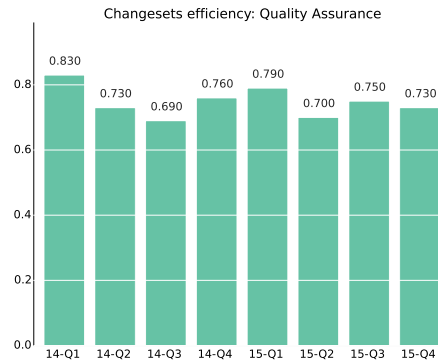
Commit (s)	Organizations
199	HP
151	NEC
59	IBM
53	Red Hat
47	Mirantis
27	Rackspace
20	99cloud
17	Intel
13	Comcast
13	Individual
10	CIeNET Technologies
9	Deutsche Telekom
8	Fujitsu
8	Scality
6	EasyStack
3	Huawei
3	SUSE

3 Process

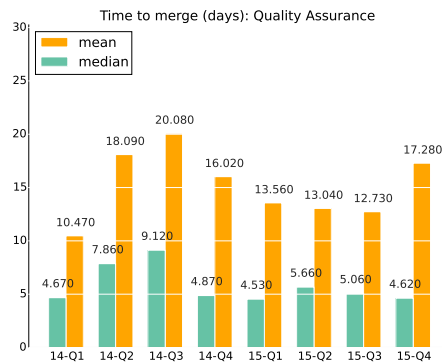
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



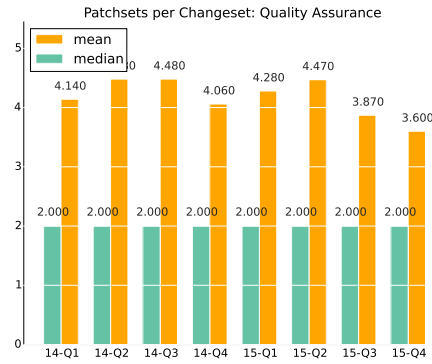
Period	Closed/Opened
14-Q1	0.14
14-Q2	0.07
14-Q3	0.15
14-Q4	0.09
15-Q1	0.12
15-Q2	0.07
15-Q3	0.08
15-Q4	0.1



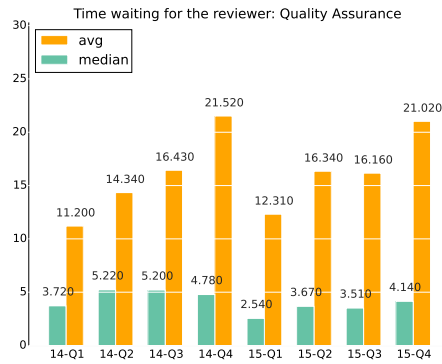
Period	Closed/Opened
14-Q1	0.83
14-Q2	0.73
14-Q3	0.69
14-Q4	0.76
15-Q1	0.79
15-Q2	0.7
15-Q3	0.75
15-Q4	0.73



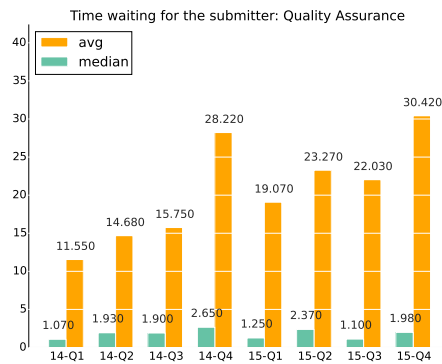
Period	Median	Mean
14-Q1	4.67	10.47
14-Q2	7.86	18.09
14-Q3	9.12	20.08
14-Q4	4.87	16.02
15-Q1	4.53	13.56
15-Q2	5.66	13.04
15-Q3	5.06	12.73
15-Q4	4.62	17.28



Period	Median	Mean
14-Q1	2.0	4.14
14-Q2	2.0	4.48
14-Q3	2.0	4.48
14-Q4	2.0	4.06
15-Q1	2.0	4.28
15-Q2	2.0	4.47
15-Q3	2.0	3.87
15-Q4	2.0	3.6



Period	Median	Mean
14-Q1	3.72	11.2
14-Q2	5.22	14.34
14-Q3	5.2	16.43
14-Q4	4.78	21.52
15-Q1	2.54	12.31
15-Q2	3.67	16.34
15-Q3	3.51	16.16
15-Q4	4.14	21.02



Period	Median	Mean
14-Q1	1.07	11.55
14-Q2	1.93	14.68
14-Q3	1.9	15.75
14-Q4	2.65	28.22
15-Q1	1.25	19.07
15-Q2	2.37	23.27
15-Q3	1.1	22.03
15-Q4	1.98	30.42