

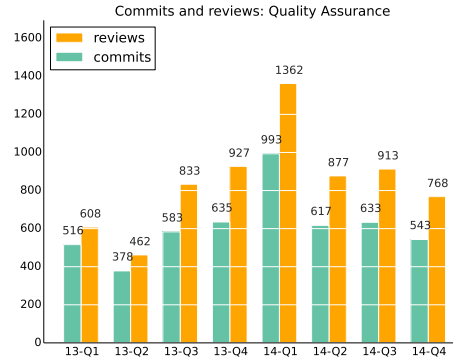
OpenStack Community Activity Report: Quality
Assurance
October-December, 2014
Report sponsored by the OpenStack Foundation



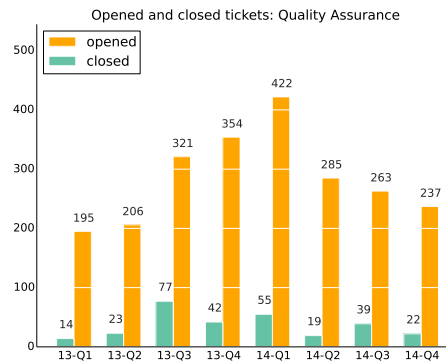
January 9, 2015

1 Activity

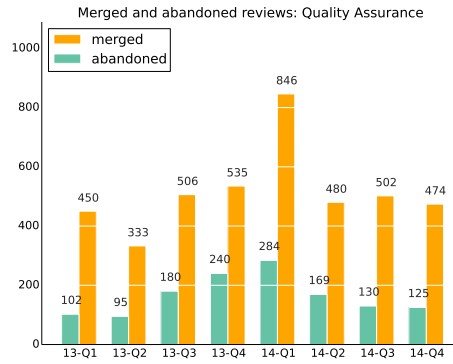
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q1	516	608
13-Q2	378	462
13-Q3	583	833
13-Q4	635	927
14-Q1	993	1362
14-Q2	617	877
14-Q3	633	913
14-Q4	543	768



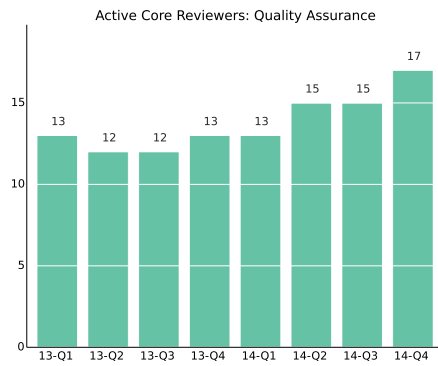
Period	Closed	Opened
13-Q1	14	195
13-Q2	23	206
13-Q3	77	321
13-Q4	42	354
14-Q1	55	422
14-Q2	19	285
14-Q3	39	263
14-Q4	22	237



Period	Merged	Abandoned
13-Q1	450	102
13-Q2	333	95
13-Q3	506	180
13-Q4	535	240
14-Q1	846	284
14-Q2	480	169
14-Q3	502	130
14-Q4	474	125

2 Community

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



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



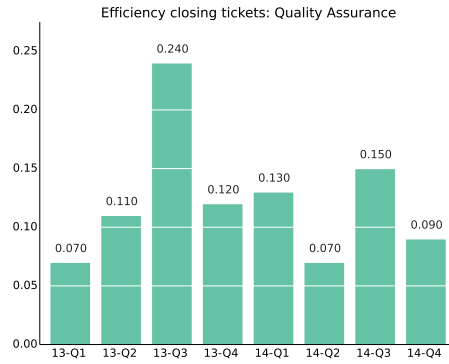
Period	Authors
13-Q1	105
13-Q2	110
13-Q3	140
13-Q4	140
14-Q1	207
14-Q2	147
14-Q3	169
14-Q4	146

Commit (s)	Author
42	Sean Dague
37	Ken'ichi Ohmichi
36	Adam Gandelman
26	Matthew Treinish
19	Ghanshyam Mann
17	Dean Troyer
14	Chris Dent
14	Joe Gordon
13	Andrea Frittoli
13	David Kranz

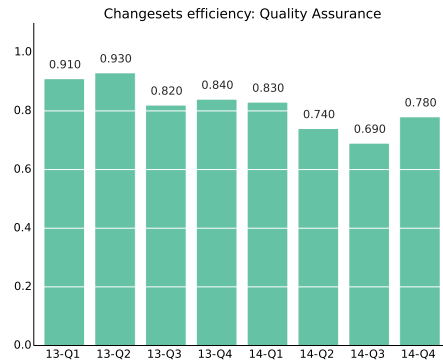
Commit (s)	Organizations
127	HP
106	Red Hat
66	NEC
42	IBM
36	Canonical
17	Nebula
16	Cisco Systems
11	OpenStack Foundation
9	Citrix
8	Mirantis

3 Process

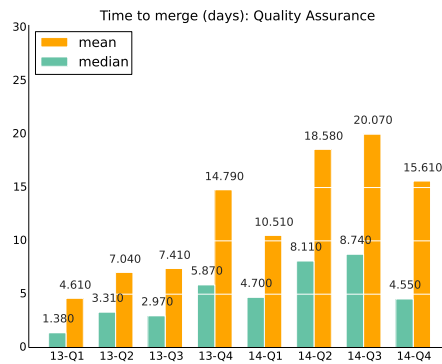
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



Period	Closed/Opened
13-Q1	0.07
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

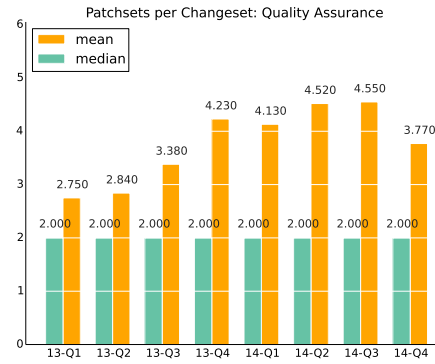


Period	Closed/Opened
13-Q1	0.91
13-Q2	0.93
13-Q3	0.82
13-Q4	0.84
14-Q1	0.83
14-Q2	0.74
14-Q3	0.69
14-Q4	0.78

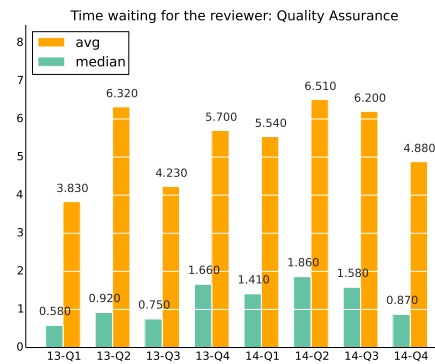


Period	Median	Mean
13-Q1	1.38	4.61
13-Q2	3.31	7.04
13-Q3	2.97	7.41
13-Q4	5.87	14.79
14-Q1	4.7	10.51
14-Q2	8.11	18.58
14-Q3	8.74	20.07
14-Q4	4.55	15.61

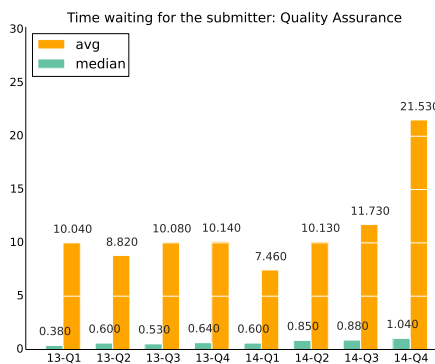
3 PROCESS



Period	Median	Mean
13-Q1	2.0	2.75
13-Q2	2.0	2.84
13-Q3	2.0	3.38
13-Q4	2.0	4.23
14-Q1	2.0	4.13
14-Q2	2.0	4.52
14-Q3	2.0	4.55
14-Q4	2.0	3.77



Period	Median	Mean
13-Q1	0.58	3.83
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	4.88



Period	Median	Mean
13-Q1	0.38	10.04
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	21.53