

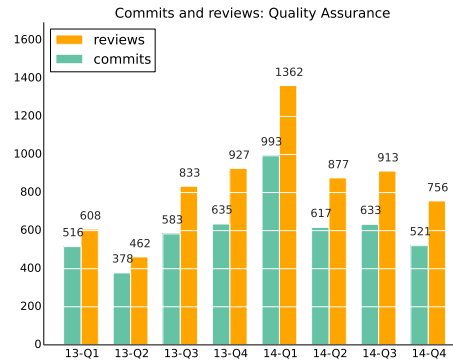
OpenStack Community Activity Report: Quality
Assurance
October-December, 2014
Report sponsored by the OpenStack Foundation



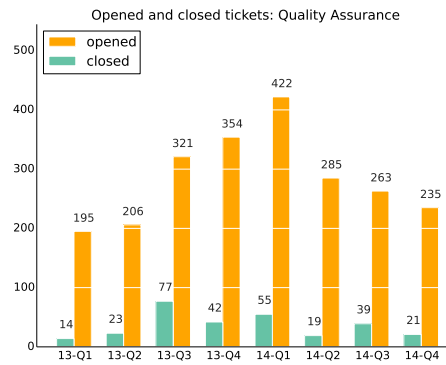
December 30, 2014

1 Activity

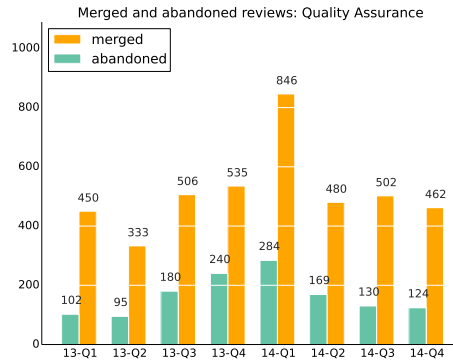
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



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	521	756



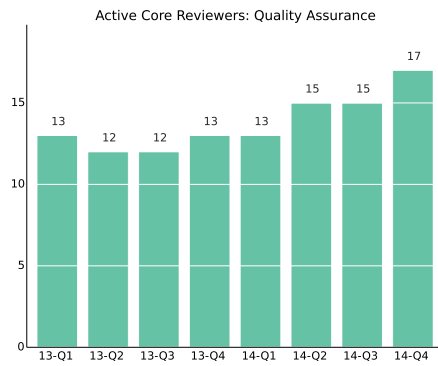
Period	Closed	Opened
13-Q1	14	195
13-Q2	23	206
13-Q3	77	321
13-Q4	42	354
14-Q1	55	422
14-Q2	19	285
14-Q3	39	263
14-Q4	21	235



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	462	124

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



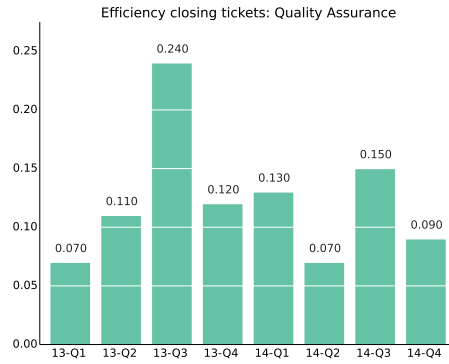
Period	Authors
13-Q1	105
13-Q2	110
13-Q3	140
13-Q4	140
14-Q1	207
14-Q2	147
14-Q3	169
14-Q4	142

Commit (s)	Author
42	Sean Dague
36	Ken'ichi Ohmichi
34	Adam Gandelman
26	Matthew Treinish
18	Ghanshyam Mann
16	Dean Troyer
14	Chris Dent
14	Joe Gordon
13	Ian Wienand
12	Andrea Frittoli

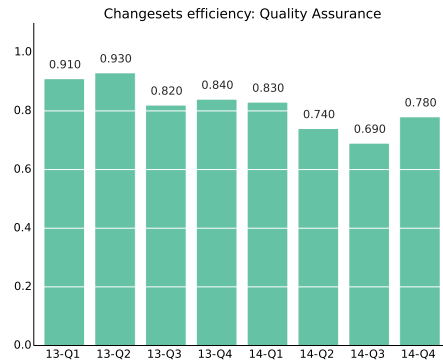
Commit (s)	Organizations
123	HP
103	Red Hat
64	NEC
42	IBM
34	Canonical
16	Nebula
14	Cisco Systems
9	Citrix
8	OpenStack Foundation
8	VA Linux

3 Process

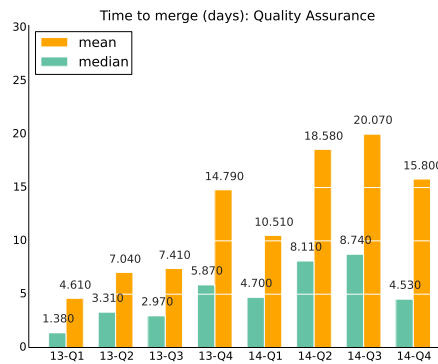
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



Period	Closed/Opened
13-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

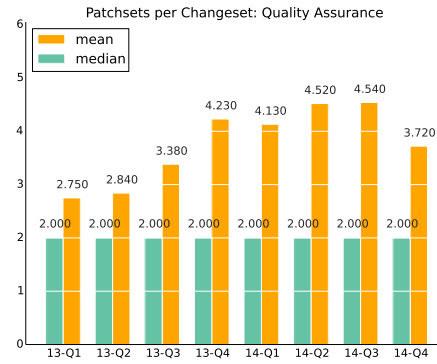


Period	Closed/Opened
13-Q1	0.91
13-Q2	0.93
13-Q3	0.82
13-Q4	0.84
14-Q1	0.83
14-Q2	0.74
14-Q3	0.69
14-Q4	0.78

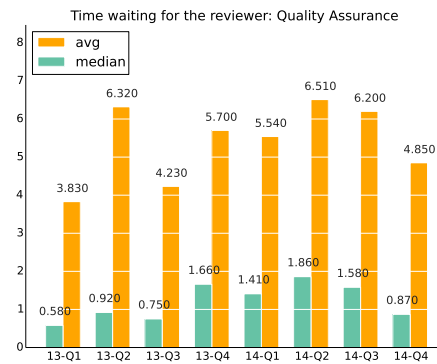


Period	Median	Mean
13-Q1	1.38	4.61
13-Q2	3.31	7.04
13-Q3	2.97	7.41
13-Q4	5.87	14.79
14-Q1	4.7	10.51
14-Q2	8.11	18.58
14-Q3	8.74	20.07
14-Q4	4.53	15.8

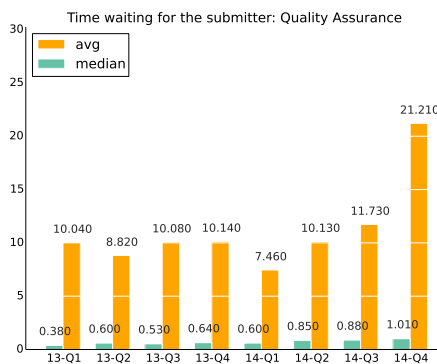
3 PROCESS



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	4.54
14-Q4	2.0	3.72



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	4.85



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	1.01	21.21