

OpenStack Community Activity Report: Quality  
Assurance

October-December, 2014

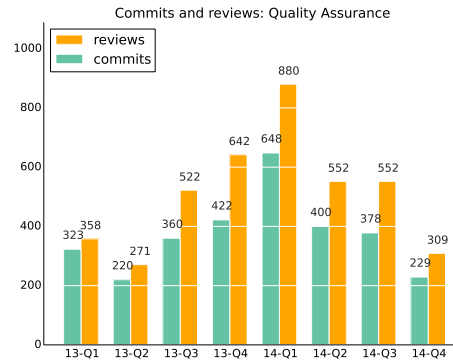
Report sponsored by the OpenStack Foundation



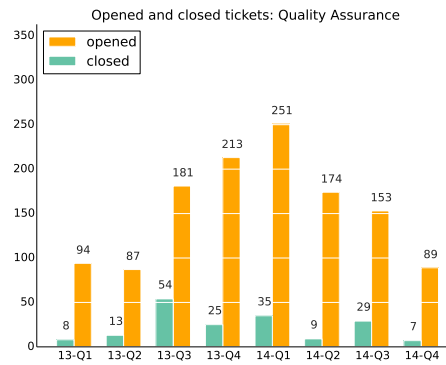
December 23, 2014

# 1 Activity

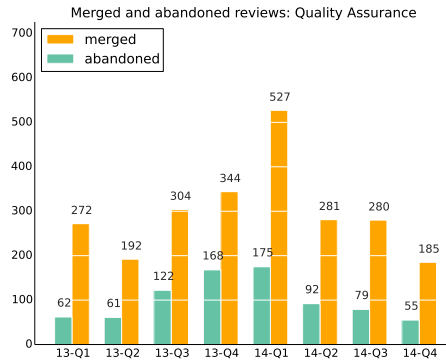
Commits in Git, submitted, merged and abandoned reviews in Gerrit and opened and closed issues in Launchpad.



Period	Commits	Reviews
13-Q1	323	358
13-Q2	220	271
13-Q3	360	522
13-Q4	422	642
14-Q1	648	880
14-Q2	400	552
14-Q3	378	552
14-Q4	229	309



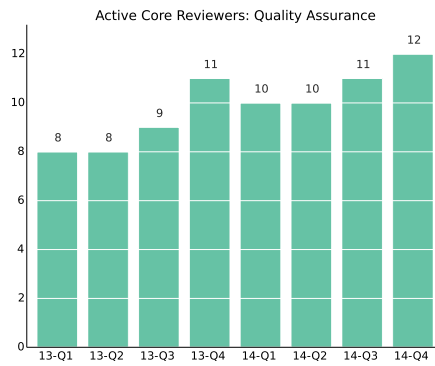
Period	Closed	Opened
13-Q1	8	94
13-Q2	13	87
13-Q3	54	181
13-Q4	25	213
14-Q1	35	251
14-Q2	9	174
14-Q3	29	153
14-Q4	7	89



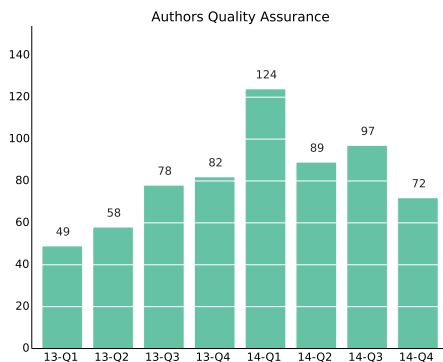
Period	Merged	Abandoned
13-Q1	272	62
13-Q2	192	61
13-Q3	304	122
13-Q4	344	168
14-Q1	527	175
14-Q2	281	92
14-Q3	280	79
14-Q4	185	55

## 2 Community

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



Period	Active Core
13-Q1	8
13-Q2	8
13-Q3	9
13-Q4	11
14-Q1	10
14-Q2	10
14-Q3	11
14-Q4	12



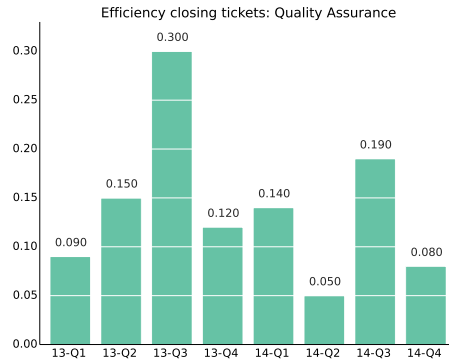
Period	Authors
13-Q1	49
13-Q2	58
13-Q3	78
13-Q4	82
14-Q1	124
14-Q2	89
14-Q3	97
14-Q4	72

Commit (s)	Author
21	Ken'ichi Ohmichi
19	Matthew Treinish
16	Ghanshyam Mann
14	Sean Dague
12	Andrea Frittoli
11	David Kranz
10	Adam Gandelman
10	Yair Fried
7	Chandan Kumar
7	Chris Dent

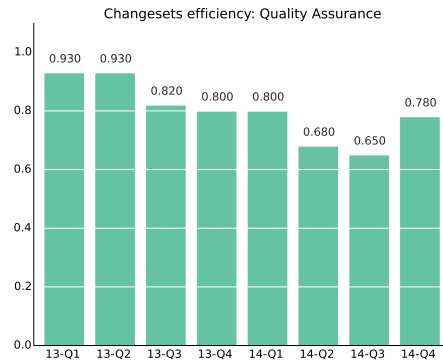
Commit (s)	Organizations
63	HP
47	Red Hat
41	NEC
23	IBM
10	Canonical
3	Cisco Systems
3	Deutsche Telekom
3	OCTO Tech.
2	Cloudscaling
2	Comcast

### 3 Process

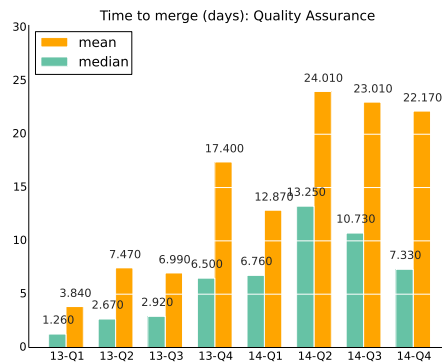
Efficiency closing changesets and tickets, time to review (mean and median), number of patchsets (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.



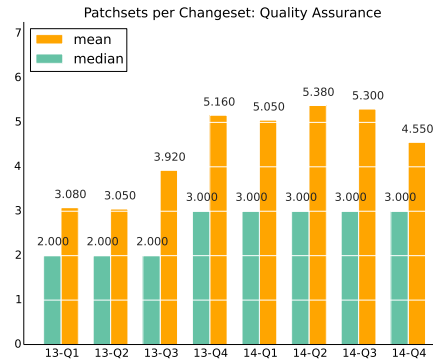
Period	Closed/Opened
13-Q1	0.09
13-Q2	0.15
13-Q3	0.3
13-Q4	0.12
14-Q1	0.14
14-Q2	0.05
14-Q3	0.19
14-Q4	0.08



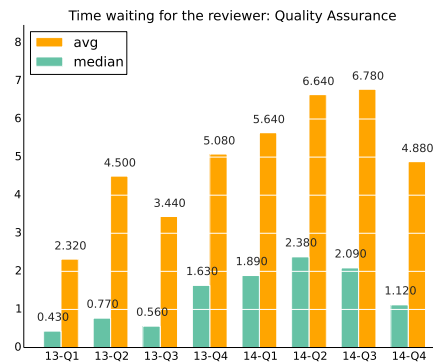
Period	Closed/Opened
13-Q1	0.93
13-Q2	0.93
13-Q3	0.82
13-Q4	0.8
14-Q1	0.8
14-Q2	0.68
14-Q3	0.65
14-Q4	0.78



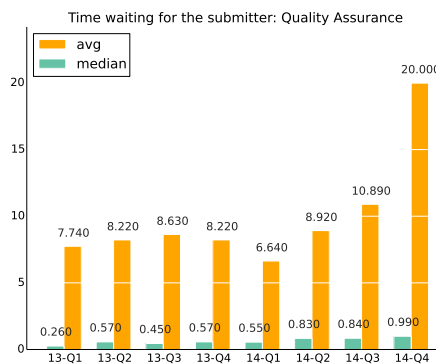
Period	Median	Mean
13-Q1	1.26	3.84
13-Q2	2.67	7.47
13-Q3	2.92	6.99
13-Q4	6.5	17.4
14-Q1	6.76	12.87
14-Q2	13.25	24.01
14-Q3	10.73	23.01
14-Q4	7.33	22.17



Period	Median	Mean
13-Q1	2.0	3.08
13-Q2	2.0	3.05
13-Q3	2.0	3.92
13-Q4	3.0	5.16
14-Q1	3.0	5.05
14-Q2	3.0	5.38
14-Q3	3.0	5.3
14-Q4	3.0	4.55



Period	Median	Mean
13-Q1	0.43	2.32
13-Q2	0.77	4.5
13-Q3	0.56	3.44
13-Q4	1.63	5.08
14-Q1	1.89	5.64
14-Q2	2.38	6.64
14-Q3	2.09	6.78
14-Q4	1.12	4.88



Period	Median	Mean
13-Q1	0.26	7.74
13-Q2	0.57	8.22
13-Q3	0.45	8.63
13-Q4	0.57	8.22
14-Q1	0.55	6.64
14-Q2	0.83	8.92
14-Q3	0.84	10.89
14-Q4	0.99	20.0