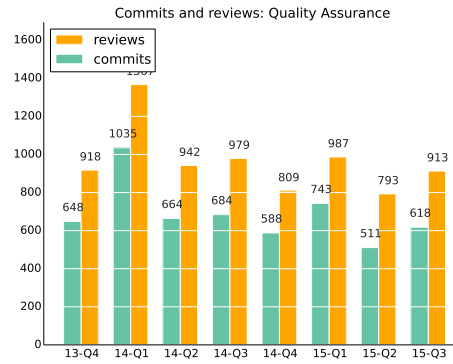OpenStack Community Activity Report: Quality
Assurance
April-June, 2015
Report sponsored by the OpenStack Foundation
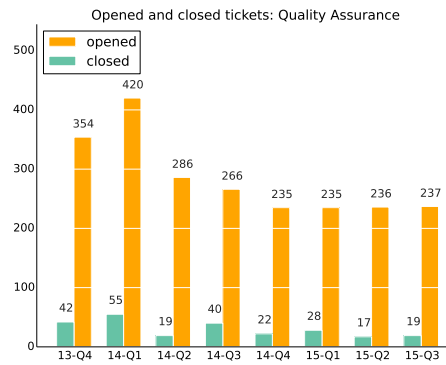
Bitergia

September 29, 2015

1

1 Activity

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

Period	Commits	Reviews
13-Q4	648	918
14-Q1	1035	1367
14-Q2	664	942
14-Q3	684	979
14-Q4	588	809
15-Q1	743	987
15-Q2	511	793
15-Q3	618	913

Period	Closed	Opened
13-Q4	42	354
14-Q1	55	420
14-Q2	19	286
14-Q3	40	266
14-Q4	22	235
15-Q1	28	235
15-Q2	17	236
15-Q3	19	237

2

Merged and abandoned reviews: Quality Assurance
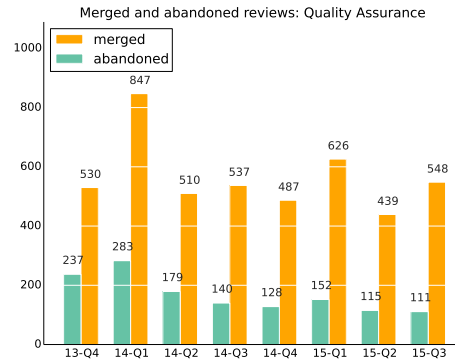
Period	Merged	Abandoned
13-Q4	530	237
14-Q1	847	283
14-Q2	510	179
14-Q3	537	140
14-Q4	487	128
15-Q1	626	152
15-Q2	439	115
15-Q3	548	111

2 Community

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

Active Core Reviewers: Quality Assurance
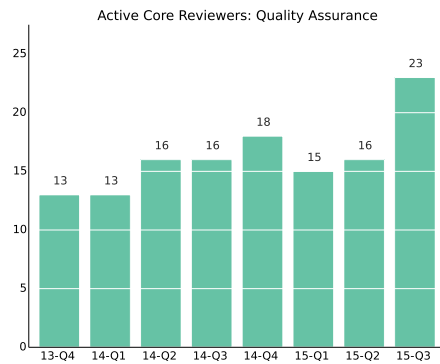
Period	Active Core
13-Q4	13
14-Q1	13
14-Q2	16
14-Q3	16
14-Q4	18
15-Q1	15
15-Q2	16
15-Q3	23

Authors Quality Assurance
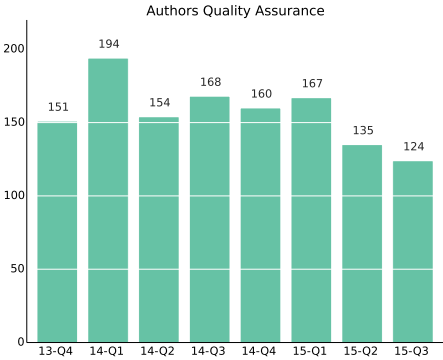
Period	Authors
13-Q4	151
14-Q1	194
14-Q2	154
14-Q3	168
14-Q4	160
15-Q1	167
15-Q2	135
15-Q3	124

Commit (s)	Author
225	Tim Buckley
83	Austin Clark
47	oomichi
39	Ghanshyam Mann
37	Matthew Treinish
25	Michael Krotscheck
24	John Warren
15	Ian Wienand
14	Anusha Ramineni
12	ken-oomichi

| Commit (s)	Organizations
415	HP
124	NEC
52	Red Hat
47	IBM
22	Mirantis
14	NTT
10	Deutsche Telekom
10	Intel
9	OpenStack Foundation
7	99cloud
7	Fujitsu
7	NTT Data
6	Cloudscaling
5	Huawei
4	Cisco
3	B1 Systems
3	Individual
3	Scality
3	UnitedStack
2	Anchor Hosting
2	Big Switch Networks
2	DKRZ
2	eNovance
2	GlobalLogic
2	Midokura
2	Rackspace
2	VA Linux Systems Japan
1	Aptira
1	Arista Networks
1	CIeNET Technologies
1	Citrix
1	Comcast
1	Ericsson
1	GigaSpaces
1	Hitachi Data Systems
1	JPBerlin
1	Lavabit
1	NetApp
1	Oracle
1	SUSE
1	VMWare

3   Process

Efficiency closing changesets and tickets, time to review (mean and median), number of patchests (iterations) per changeset and study on the time waiting for a reviewer or submitter action in the patchset review process.
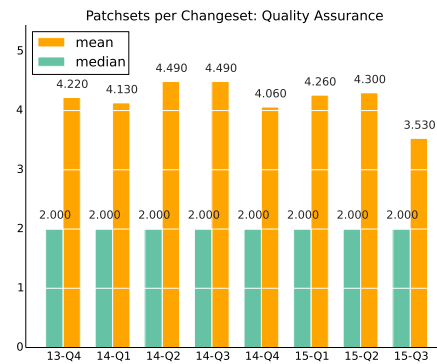
Period	Closed/Opened
13-Q4	0.12
14-Q1	0.13
14-Q2	0.07
14-Q3	0.15
14-Q4	0.09
15-Q1	0.12
15-Q2	0.07
15-Q3	0.08
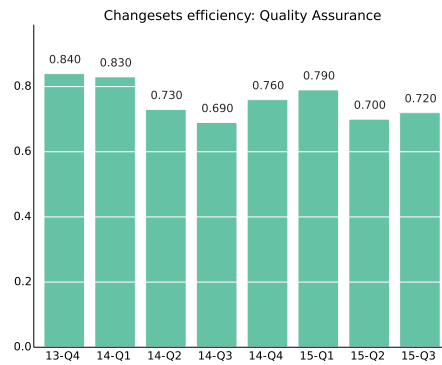
Period	Closed/Opened
13-Q4	0.84
14-Q1	0.83
14-Q2	0.73
14-Q3	0.69
14-Q4	0.76
15-Q1	0.79
15-Q2	0.7
15-Q3	0.72
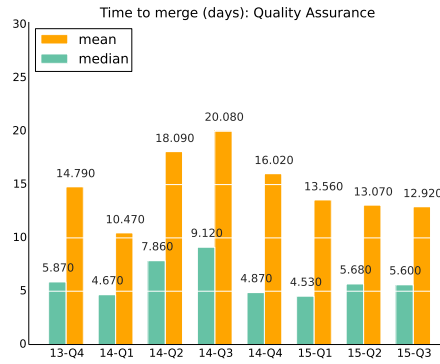
Period	Median	Mean
13-Q4	5.87	14.79
14-Q1	4.67	10.47
14-Q2	7.86	18.09
14-Q3	9.12	20.08
14-Q4	4.87	16.02
15-Q1	4.53	13.56
15-Q2	5.68	13.07
15-Q3	5.6	12.92

Period	Median	Mean
13-Q4	2.0	4.22
14-Q1	2.0	4.13
14-Q2	2.0	4.49
14-Q3	2.0	4.49
14-Q4	2.0	4.06
15-Q1	2.0	4.26
15-Q2	2.0	4.3
15-Q3	2.0	3.53
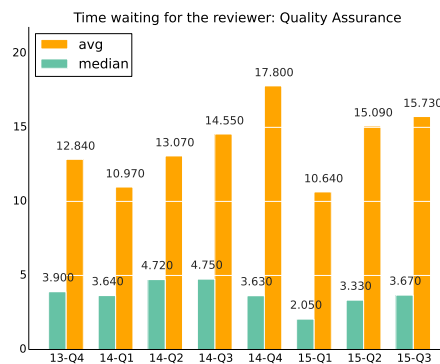
Period	Median	Mean
13-Q4	3.9	12.84
14-Q1	3.64	10.97
14-Q2	4.72	13.07
14-Q3	4.75	14.55
14-Q4	3.63	17.8
15-Q1	2.05	10.64
15-Q2	3.33	15.09
15-Q3	3.67	15.73

Time waiting for the submitter: Quality Assurance
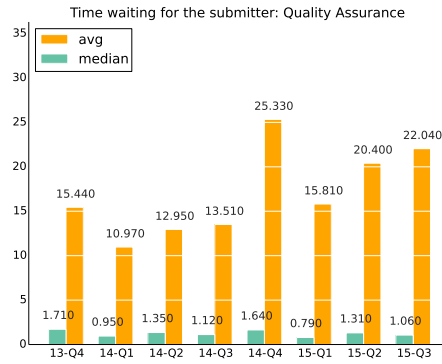
Period	Median	Mean
13-Q4	1.71	15.44
14-Q1	0.95	10.97
14-Q2	1.35	12.95
14-Q3	1.12	13.51
14-Q4	1.64	25.33
15-Q1	0.79	15.81
15-Q2	1.31	20.4
15-Q3	1.06	22.04