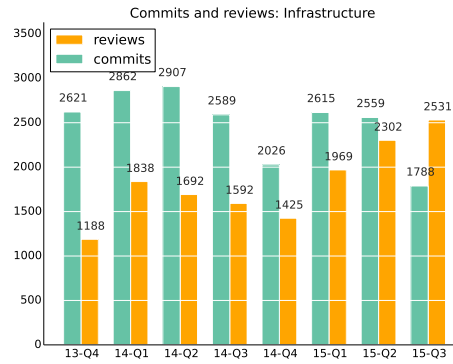OpenStack Community Activity Report:
Infrastructure
July-September, 2015
Report sponsored by the OpenStack Foundation

Bitergia

October 11, 2015

1   Activity

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

Commits and reviews: Infrastructure

Period	Commits	Reviews
13-Q4	2621	1188
14-Q1	2862	1838
14-Q2	2907	1692
14-Q3	2589	1592
14-Q4	2026	1425
15-Q1	2615	1969
15-Q2	2559	2302
15-Q3	1788	2531

Opened and closed tickets: Infrastructure
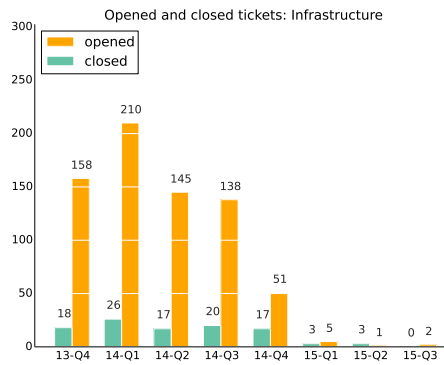
Period	Closed	Opened
13-Q4	18	158
14-Q1	26	210
14-Q2	17	145
14-Q3	20	138
14-Q4	17	51
15-Q1	3	5
15-Q2	3	1
15-Q3	0	2

Merged and abandoned reviews: Infrastructure
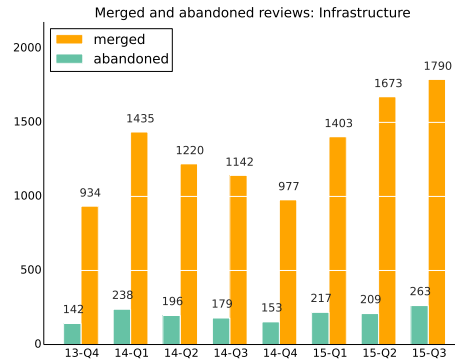
Period	Merged	Abandoned
13-Q4	934	142
14-Q1	1435	238
14-Q2	1220	196
14-Q3	1142	179
14-Q4	977	153
15-Q1	1403	217
15-Q2	1673	209
15-Q3	1790	263

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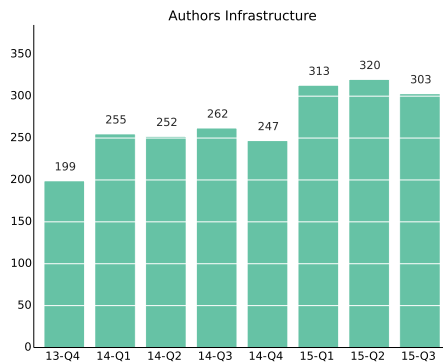
Active core reviewers in Gerrit, active authors in Git, top authors and organizations in the last quarter

Active Core Reviewers: Infrastructure
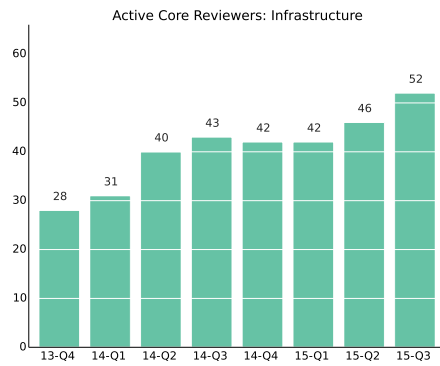
Period	Active Core
13-Q4	28
14-Q1	31
14-Q2	40
14-Q3	43
14-Q4	42
15-Q1	42
15-Q2	46
15-Q3	52
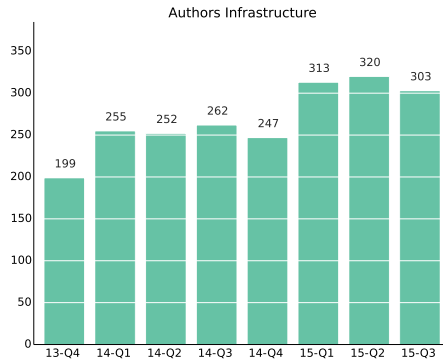
Authors Infrastructure

Period	Authors
13-Q4	199
14-Q1	255
14-Q2	252
14-Q3	262
14-Q4	247
15-Q1	313
15-Q2	320
15-Q3	303

Authors Infrastructure

Period	Authors
13-Q4	199
14-Q1	255
14-Q2	252
14-Q3	262
14-Q4	247
15-Q1	313
15-Q2	320
15-Q3	303

| Commit (s)	Author
144	David Pursehouse
117	Spencer Krum
91	Dave Borowitz
86	Edwin Kempin
75	James E. Blair
74	Paul Belanger
62	Jeremy Stanley
57	Colleen Murphy
57	Matt Riedemann
56	Clark Boylan

Commit (s)	Organizations
539	HP
279	Red Hat
183	IBM
147	Sony Mobile
130	OpenStack Foundation
88	SAP
86	ScummVM
81	Mirantis
75	GNU

4

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.
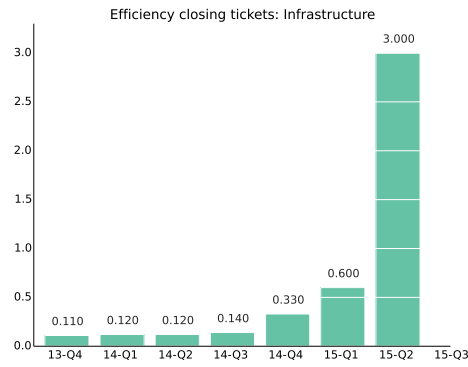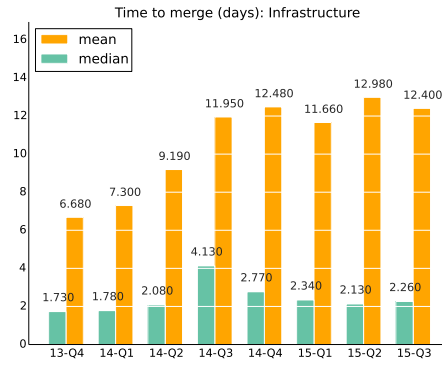

Period	Closed/Opened
13-Q4	0.11
14-Q1	0.12
14-Q2	0.12
14-Q3	0.14
14-Q4	0.33
15-Q1	0.6
15-Q2	3.0
15-Q3	0.0
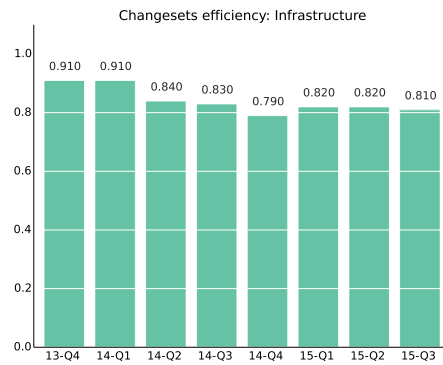
Period	(Aband. and Merg.)/Subm.
13-Q4	0.91
14-Q1	0.91
14-Q2	0.84
14-Q3	0.83
14-Q4	0.79
15-Q1	0.82
15-Q2	0.82
15-Q3	0.81

Time to merge (days): Infrastructure

Period	Median	Mean
13-Q4	1.73	6.68
14-Q1	1.78	7.3
14-Q2	2.08	9.19
14-Q3	4.13	11.95
14-Q4	2.77	12.48
15-Q1	2.34	11.66
15-Q2	2.13	12.98
15-Q3	2.26	12.4

Patchsets per Changeset: Infrastructure
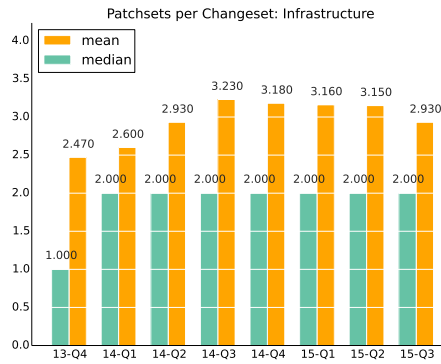
Period	Median	Mean
13-Q4	1.0	2.47
14-Q1	2.0	2.6
14-Q2	2.0	2.93
14-Q3	2.0	3.23
14-Q4	2.0	3.18
15-Q1	2.0	3.16
15-Q2	2.0	3.15
15-Q3	2.0	2.93

Time waiting for the reviewer: Infrastructure
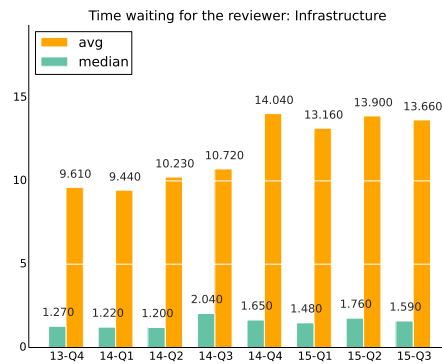
Period	Median	Mean
13-Q4	1.27	9.61
14-Q1	1.22	9.44
14-Q2	1.2	10.23
14-Q3	2.04	10.72
14-Q4	1.65	14.04
15-Q1	1.48	13.16
15-Q2	1.76	13.9
15-Q3	1.59	13.66

Time waiting for the submitter: Infrastructure
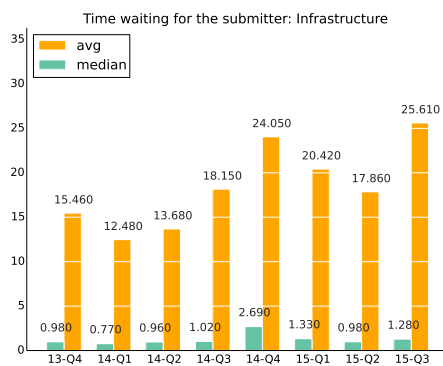
Period	Median	Mean
13-Q4	0.98	15.46
14-Q1	0.77	12.48
14-Q2	0.96	13.68
14-Q3	1.02	18.15
14-Q4	2.69	24.05
15-Q1	1.33	20.42
15-Q2	0.98	17.86
15-Q3	1.28	25.61