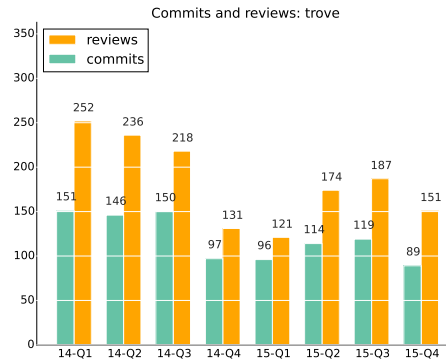OpenStack Community Activity Report: Trove
October-December, 2015
Report sponsored by the OpenStack Foundation
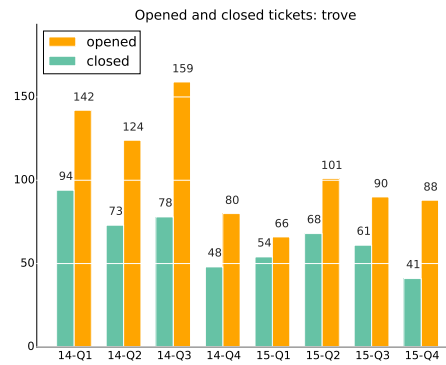
Bitergia

January 14, 2016

# 1   Activity

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

Commits and reviews: trove

Period	Commits	Reviews
14-Q1	151	252
14-Q2	146	236
14-Q3	150	218
14-Q4	97	131
15-Q1	96	121
15-Q2	114	174
15-Q3	119	187
15-Q4	89	151

Opened and closed tickets: trove

Period	Closed	Opened
14-Q1	94	142
14-Q2	73	124
14-Q3	78	159
14-Q4	48	80
15-Q1	54	66
15-Q2	68	101
15-Q3	61	90
15-Q4	41	88

Merged and abandoned reviews: trove
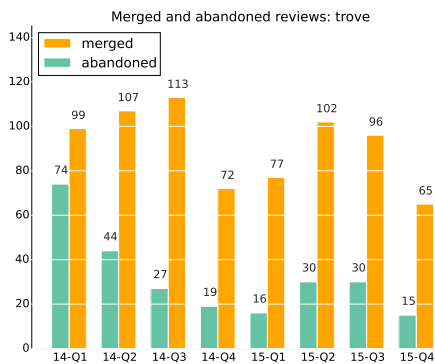
Period	Merged	Abandoned
14-Q1	99	74
14-Q2	107	44
14-Q3	113	27
14-Q4	72	19
15-Q1	77	16
15-Q2	102	30
15-Q3	96	30
15-Q4	65	15

2   Community

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

Active Core Reviewers: trove
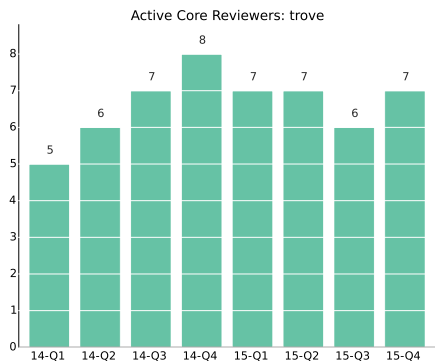
Period	Active Core
14-Q1	5
14-Q2	6
14-Q3	7
14-Q4	8
15-Q1	7
15-Q2	7
15-Q3	6
15-Q4	7

Authors trove
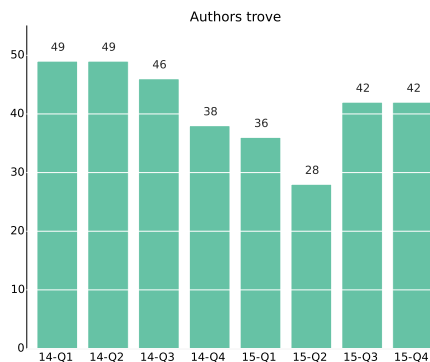
Period	Authors
14-Q1	49
14-Q2	49
14-Q3	46
14-Q4	38
15-Q1	36
15-Q2	28
15-Q3	42
15-Q4	42

Commit (s)	Author
11	Craig Vyvial
10	Petr Malik
7	Amrith Kumar
5	Matt Van Dijk
4	Luigi Toscano
4	Peter Stachowski
3	Chaozhe Chen
2	David Lyle
2	Doug Shelley
2	Duk Loi

| Commit (s)	Organizations
11	Rackspace
8	Red Hat
6	HP
6	NEC
4	EasyStack
4	IBM
3	OpenStack Foundation
2	99cloud
2	Intel
1	Federal University of Campina Gran
1	Fujitsu
1	GlobalLogic
1	Huawei
1	LSD
1	Mirantis
1	Thales

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.

Efficiency closing tickets: trove
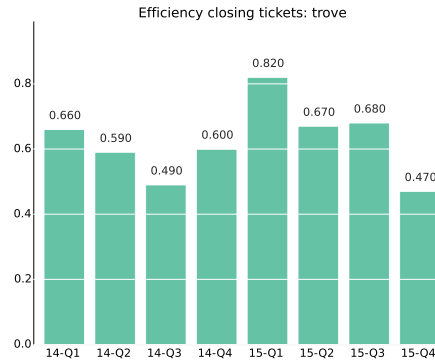
Period	Closed/Opened
14-Q1	0.66
14-Q2	0.59
14-Q3	0.49
14-Q4	0.6
15-Q1	0.82
15-Q2	0.67
15-Q3	0.68
15-Q4	0.47

Changesets efficiency: trove
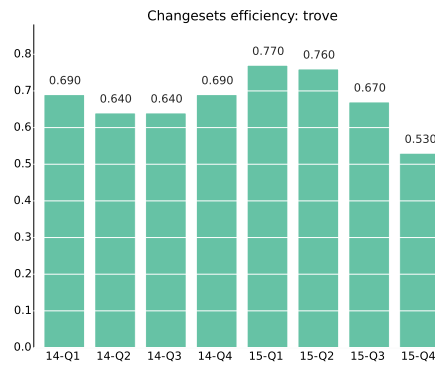
Period	(Aband. and Merg.)/Subm.
14-Q1	0.69
14-Q2	0.64
14-Q3	0.64
14-Q4	0.69
15-Q1	0.77
15-Q2	0.76
15-Q3	0.67
15-Q4	0.53

Time to merge (days): trove
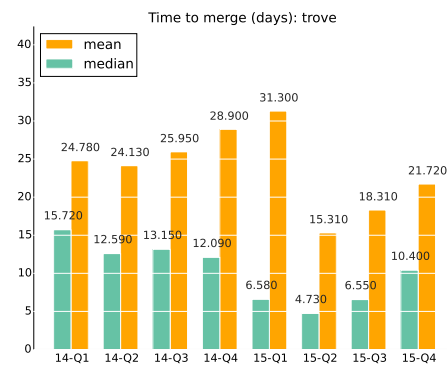
Period	Median	Mean
14-Q1	15.72	24.78
14-Q2	12.59	24.13
14-Q3	13.15	25.95
14-Q4	12.09	28.9
15-Q1	6.58	31.3
15-Q2	4.73	15.31
15-Q3	6.55	18.31
15-Q4	10.4	21.72

Patchsets per Changeset: trove
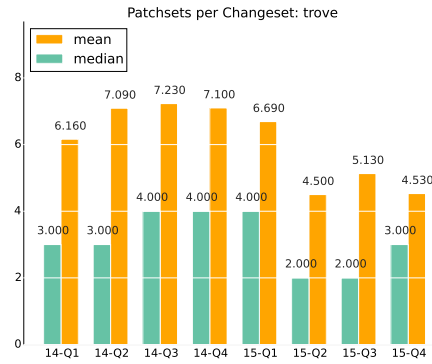
Period	Median	Mean
14-Q1	3.0	6.16
14-Q2	3.0	7.09
14-Q3	4.0	7.23
14-Q4	4.0	7.1
15-Q1	4.0	6.69
15-Q2	2.0	4.5
15-Q3	2.0	5.13
15-Q4	3.0	4.53

Time waiting for the reviewer: trove
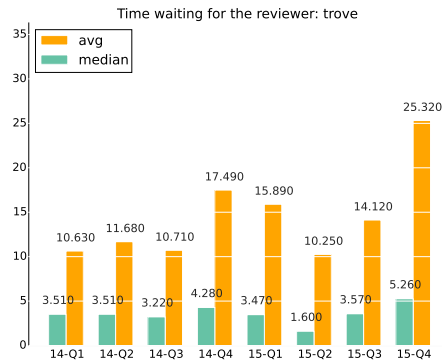
Period	Median	Mean
14-Q1	3.51	10.63
14-Q2	3.51	11.68
14-Q3	3.22	10.71
14-Q4	4.28	17.49
15-Q1	3.47	15.89
15-Q2	1.6	10.25
15-Q3	3.57	14.12
15-Q4	5.26	25.32

Time waiting for the submitter: trove
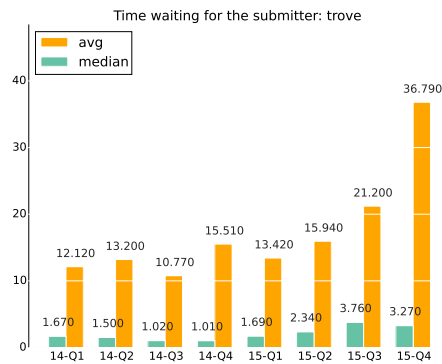
Period	Median	Mean
14-Q1	1.67	12.12
14-Q2	1.5	13.2
14-Q3	1.02	10.77
14-Q4	1.01	15.51
15-Q1	1.69	13.42
15-Q2	2.34	15.94
15-Q3	3.76	21.2
15-Q4	3.27	36.79