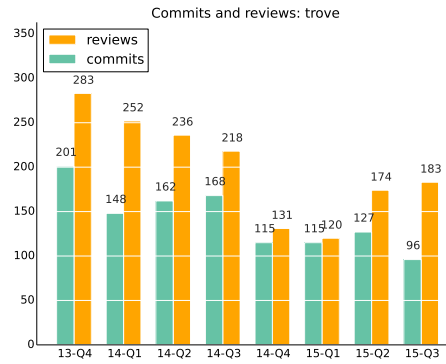OpenStack Community Activity Report: Trove
April-June, 2015
Report sponsored by the OpenStack Foundation
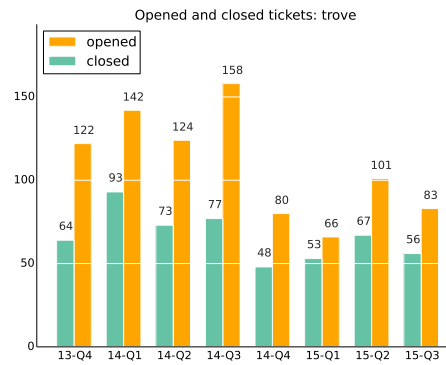

September 29, 2015

# 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
13-Q4	201	283
14-Q1	148	252
14-Q2	162	236
14-Q3	168	218
14-Q4	115	131
15-Q1	115	120
15-Q2	127	174
15-Q3	96	183

Opened and closed tickets: trove

Period	Closed	Opened
13-Q4	64	122
14-Q1	93	142
14-Q2	73	124
14-Q3	77	158
14-Q4	48	80
15-Q1	53	66
15-Q2	67	101
15-Q3	56	83

Merged and abandoned reviews: trove
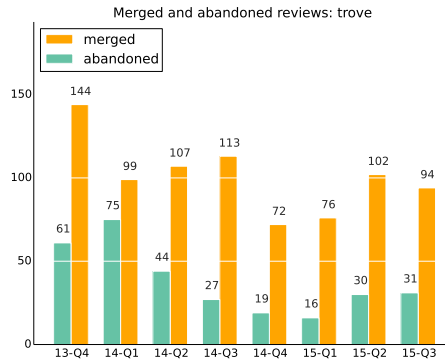
Period	Merged	Abandoned
13-Q4	144	61
14-Q1	99	75
14-Q2	107	44
14-Q3	113	27
14-Q4	72	19
15-Q1	76	16
15-Q2	102	30
15-Q3	94	31

2 Community

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

Active Core Reviewers: trove
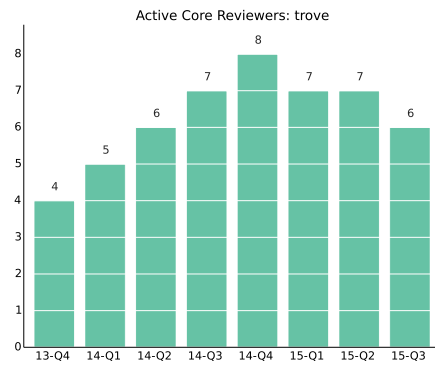
Period	Active Core
13-Q4	4
14-Q1	5
14-Q2	6
14-Q3	7
14-Q4	8
15-Q1	7
15-Q2	7
15-Q3	6
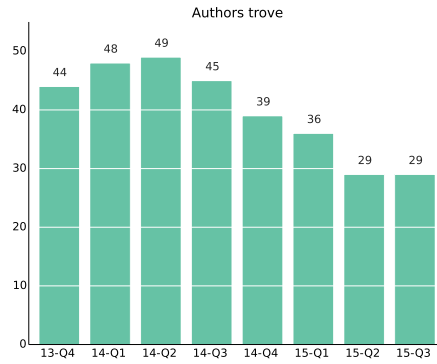
Period	Authors
13-Q4	44
14-Q1	48
14-Q2	49
14-Q3	45
14-Q4	39
15-Q1	36
15-Q2	29
15-Q3	29

Authors trove

Commit (s)	Author
18	OpenStack Proposal Bot
9	Craig Vyvial
9	Matt Van Dijk
9	Petr Malik
8	Peter Stachowski
7	Nikhil Manchanda
3	Amrith Kumar
3	Doug Shelley
3	Edmond Kotowski
3	Masaki Matsushita

| Commit (s)	Organizations
18	OpenStack Foundation
11	HP
10	Rackspace
4	Red Hat
3	GlobalLogic
2	Mirantis
1	99cloud
1	Centrin
1	eBay
1	Fujitsu
1	Huawei
1	IBM
1	NTT
1	Thales
1	UnitedStack

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
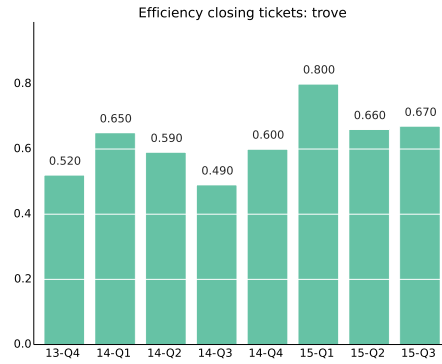
Period	Closed/Opened
13-Q4	0.52
14-Q1	0.65
14-Q2	0.59
14-Q3	0.49
14-Q4	0.6
15-Q1	0.8
15-Q2	0.66
15-Q3	0.67

Changesets efficiency: trove
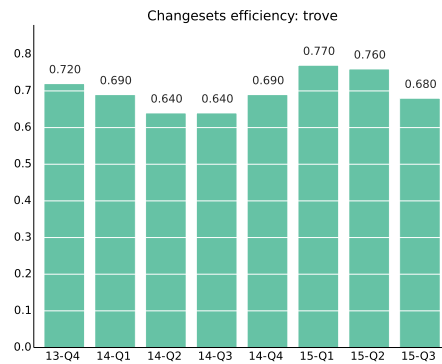
Period	(Aband. and Merg.)/Subm.
13-Q4	0.72
14-Q1	0.69
14-Q2	0.64
14-Q3	0.64
14-Q4	0.69
15-Q1	0.77
15-Q2	0.76
15-Q3	0.68

Time to merge (days): trove
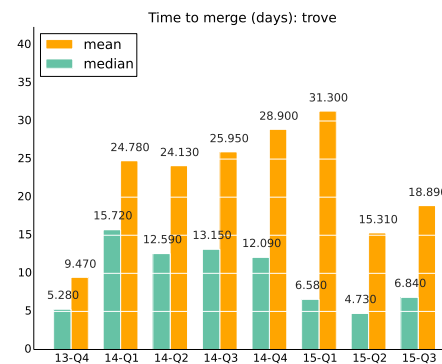
Period	Median	Mean
13-Q4	5.28	9.47
14-Q1	15.72	24.78
14-Q2	12.59	24.13
14-Q3	13.15	25.95
14-Q4	12.09	28.9
15-Q1	6.58	31.3
15-Q2	4.73	15.31
15-Q3	6.84	18.89

Patchsets per Changeset: trove
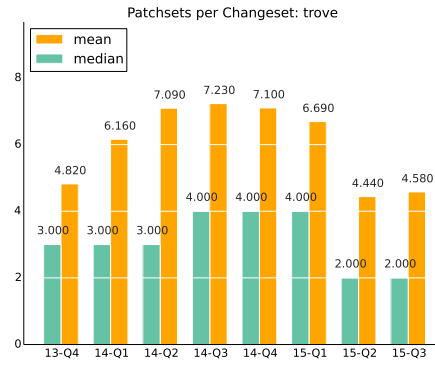
Period	Median	Mean
13-Q4	3.0	4.82
14-Q1	3.0	6.16
14-Q2	3.0	7.09
14-Q3	4.0	7.23
14-Q4	4.0	7.1
15-Q1	4.0	6.69
15-Q2	2.0	4.44
15-Q3	2.0	4.58

Time waiting for the reviewer: trove
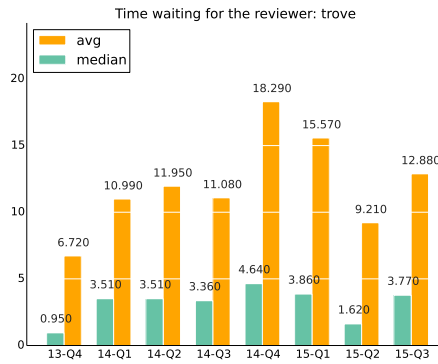
Period	Median	Mean
13-Q4	0.95	6.72
14-Q1	3.51	10.99
14-Q2	3.51	11.95
14-Q3	3.36	11.08
14-Q4	4.64	18.29
15-Q1	3.86	15.57
15-Q2	1.62	9.21
15-Q3	3.77	12.88

Time waiting for the submitter: trove
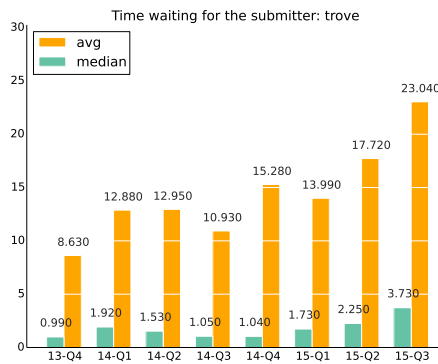
Period	Median	Mean
13-Q4	0.99	8.63
14-Q1	1.92	12.88
14-Q2	1.53	12.95
14-Q3	1.05	10.93
14-Q4	1.04	15.28
15-Q1	1.73	13.99
15-Q2	2.25	17.72
15-Q3	3.73	23.04