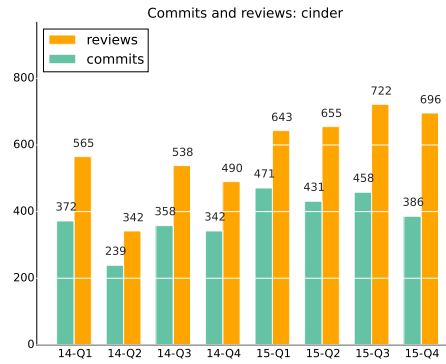OpenStack Community Activity Report: Cinder
October-December, 2015
Report sponsored by the OpenStack Foundation
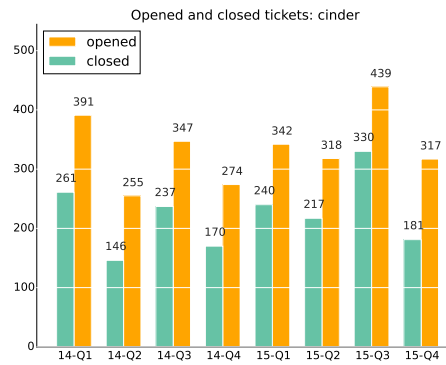
Bitergia

January 14, 2016

1

1   Activity

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

Commits and reviews: cinder

Period	Commits	Reviews
14-Q1	372	565
14-Q2	239	342
14-Q3	358	538
14-Q4	342	490
15-Q1	471	643
15-Q2	431	655
15-Q3	458	722
15-Q4	386	696

Opened and closed tickets: cinder

Period	Closed	Opened
14-Q1	261	391
14-Q2	146	255
14-Q3	237	347
14-Q4	170	274
15-Q1	240	342
15-Q2	217	318
15-Q3	330	439
15-Q4	181	317

Merged and abandoned reviews: cinder
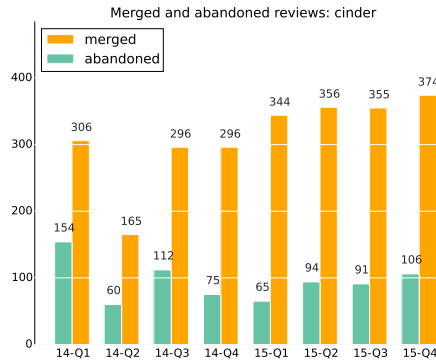
Period	Merged	Abandoned
14-Q1	306	154
14-Q2	165	60
14-Q3	296	112
14-Q4	296	75
15-Q1	344	65
15-Q2	356	94
15-Q3	355	91
15-Q4	374	106

2 Community

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

Active Core Reviewers: cinder
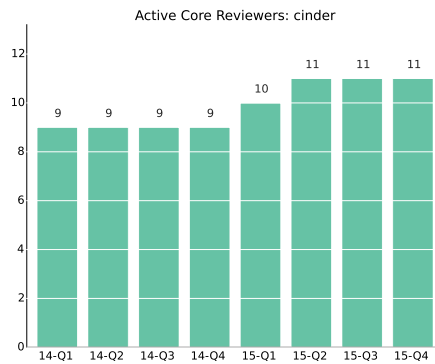
Period	Active Core
14-Q1	9
14-Q2	9
14-Q3	9
14-Q4	9
15-Q1	10
15-Q2	11
15-Q3	11
15-Q4	11

Authors cinder
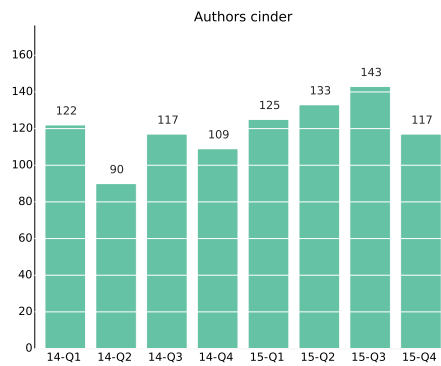
Period	Authors
14-Q1	122
14-Q2	90
14-Q3	117
14-Q4	109
15-Q1	125
15-Q2	133
15-Q3	143
15-Q4	117

Commit (s)	Author
37	Victor Stinner
21	Eric Harney
21	Michal Dulko
16	Sean McGinnis
14	Xing Yang
13	Ivan Kolodyazhny
11	Yuriy Nesenenko
10	nathaniel.potter
10	Patrick East
9	John Griffith

Commit (s)	Organizations
69	Red Hat
44	Intel
38	IBM
31	EMC
30	HP
28	Mirantis
18	Dell
13	SolidFire
11	Pure Storage
9	NEC
9	VMWare
8	Hitachi Data Systems
8	NetApp
7	Huawei
6	Fujitsu
5	99cloud
4	Arista Networks
4	NTT Data
3	NTT
2	Cloudbase Solutions
2	EasyStack
2	Hitachi
2	LINBIT
2	OpenStack Foundation
2	Quobyte
2	Thales
1	Anchor Hosting
1	Cisco
1	Internap
1	IzelTech
1	MIT
1	Oracle
1	Parallels
1	SAP
1	Scality
1	StorPool
1	Violin Memory

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.
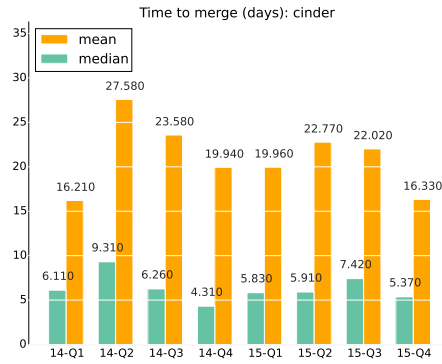

Efficiency closing tickets: cinder
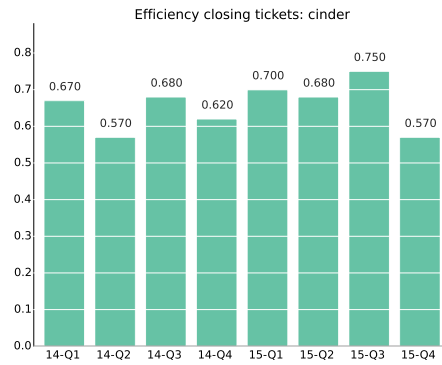
Period	Closed/Opened
14-Q1	0.67
14-Q2	0.57
14-Q3	0.68
14-Q4	0.62
15-Q1	0.7
15-Q2	0.68
15-Q3	0.75
15-Q4	0.57

Changesets efficiency: cinder
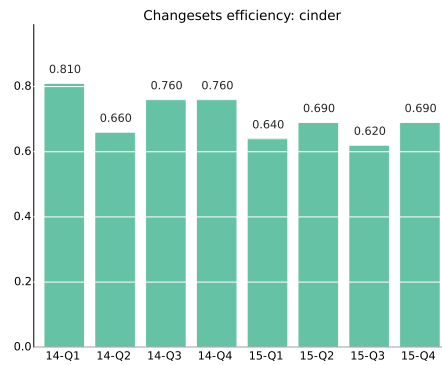
Period	(Aband. and Merg.)/Subm.
14-Q1	0.81
14-Q2	0.66
14-Q3	0.76
14-Q4	0.76
15-Q1	0.64
15-Q2	0.69
15-Q3	0.62
15-Q4	0.69

Period	Median	Mean
14-Q1	6.11	16.21
14-Q2	9.31	27.58
14-Q3	6.26	23.58
14-Q4	4.31	19.94
15-Q1	5.83	19.96
15-Q2	5.91	22.77
15-Q3	7.42	22.02
15-Q4	5.37	16.33
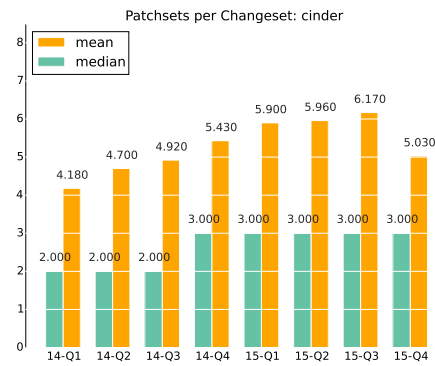
Period	Median	Mean
14-Q1	2.0	4.18
14-Q2	2.0	4.7
14-Q3	2.0	4.92
14-Q4	3.0	5.43
15-Q1	3.0	5.9
15-Q2	3.0	5.96
15-Q3	3.0	6.17
15-Q4	3.0	5.03
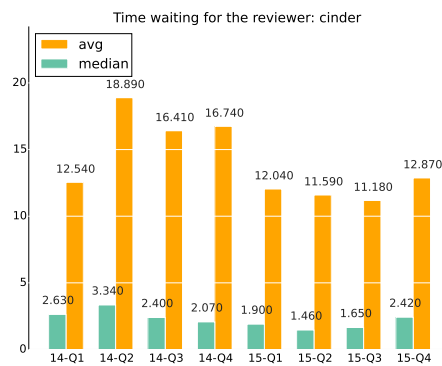
Period	Median	Mean
14-Q1	2.63	12.54
14-Q2	3.34	18.89
14-Q3	2.4	16.41
14-Q4	2.07	16.74
15-Q1	1.9	12.04
15-Q2	1.46	11.59
15-Q3	1.65	11.18
15-Q4	2.42	12.87

Time waiting for the submitter: cinder
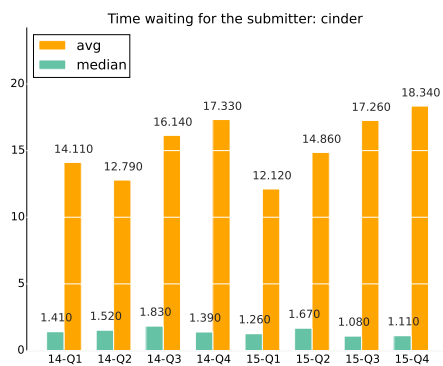
Period	Median	Mean
14-Q1	1.41	14.11
14-Q2	1.52	12.79
14-Q3	1.83	16.14
14-Q4	1.39	17.33
15-Q1	1.26	12.12
15-Q2	1.67	14.86
15-Q3	1.08	17.26
15-Q4	1.11	18.34