OpenStack Community Activity Report: Common
Libraries
October-December, 2015
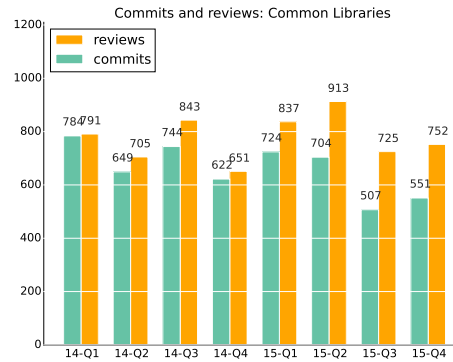Report sponsored by the OpenStack Foundation
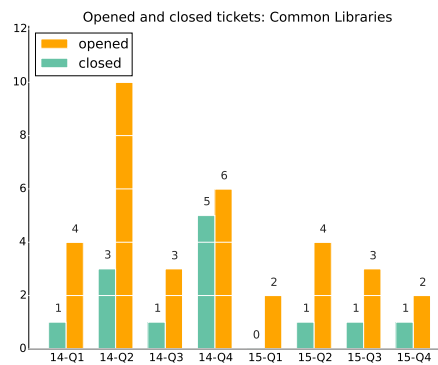

Bitergia

January 14, 2016

1 Activity

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

Period	Commits	Reviews
14-Q1	784	791
14-Q2	649	705
14-Q3	744	843
14-Q4	622	651
15-Q1	724	837
15-Q2	704	913
15-Q3	507	725
15-Q4	551	752

Period	Closed	Opened
14-Q1	1	4
14-Q2	3	10
14-Q3	1	3
14-Q4	5	6
15-Q1	0	2
15-Q2	1	4
15-Q3	1	3
15-Q4	1	2

Merged and abandoned reviews: Common Libraries
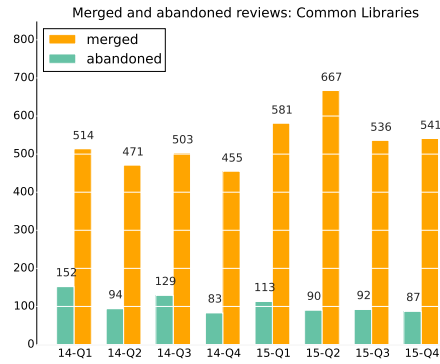
Period	Merged	Abandoned
14-Q1	514	152
14-Q2	471	94
14-Q3	503	129
14-Q4	455	83
15-Q1	581	113
15-Q2	667	90
15-Q3	536	92
15-Q4	541	87

2   Community

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

Active Core Reviewers: Common Libraries
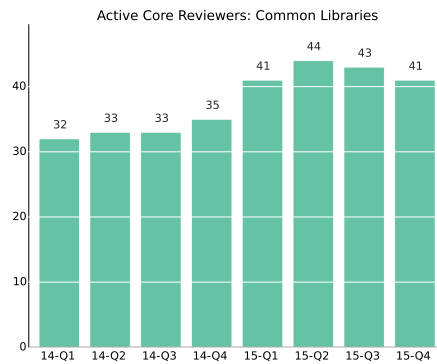
Period	Active Core
14-Q1	32
14-Q2	33
14-Q3	33
14-Q4	35
15-Q1	41
15-Q2	44
15-Q3	43
15-Q4	41

Authors Common Libraries
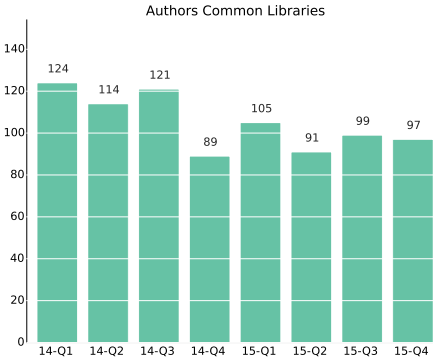
Period	Authors
14-Q1	124
14-Q2	114
14-Q3	121
14-Q4	89
15-Q1	105
15-Q2	91
15-Q3	99
15-Q4	97

Commit (s)	Author
86	ChangBo Guo(gcb)
69	Davanum Srinivas
68	Joshua Harlow
24	Ronald Bradford
23	Mehdi Abaakouk
20	Victor Stinner
15	Dmitriy Ukhlov
14	Brant Knudson
13	Doug Hellmann
13	Elena Ezhova

| Commit (s)	Organizations
119	IBM
103	EasyStack
94	Red Hat
64	Mirantis
48	HP
24	NEC
11	Huawei
10	Intel
5	Fujitsu
5	Rackspace
3	99cloud
3	Individual
3	SAP
3	ScummVM
3	SUSE
2	EMC
2	OpenStack Foundation
2	Puppet Labs
1	ATT
1	CIeNET Technologies
1	Cisco
1	Metacloud
1	Polycom
1	Symantec Corporation
1	Tencent
1	VA Linux Systems Japan

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: Common Libraries
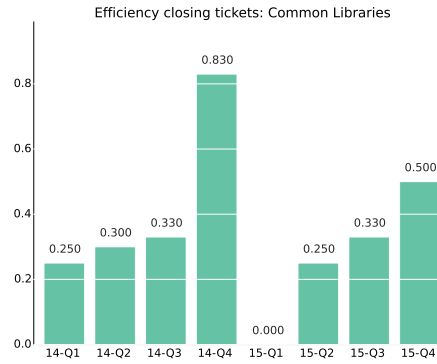
Period	Closed/Opened
14-Q1	0.25
14-Q2	0.3
14-Q3	0.33
14-Q4	0.83
15-Q1	0.0
15-Q2	0.25
15-Q3	0.33
15-Q4	0.5

Changesets efficiency: Common Libraries
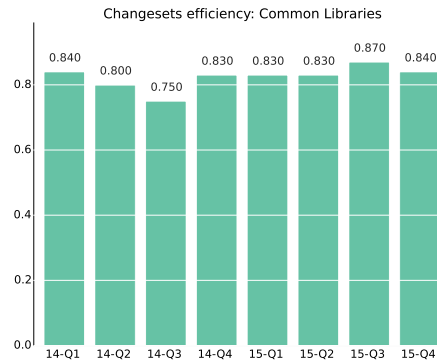
Period	(Aband. and Merg.)/Subm.
14-Q1	0.84
14-Q2	0.8
14-Q3	0.75
14-Q4	0.83
15-Q1	0.83
15-Q2	0.83
15-Q3	0.87
15-Q4	0.84

Time to merge (days): Common Libraries
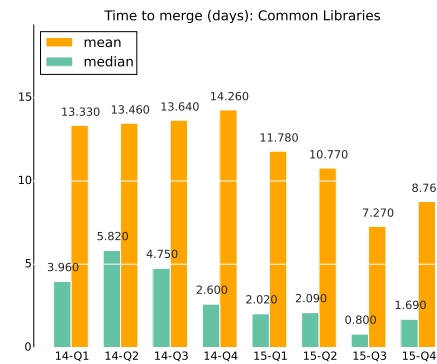
Period	Median	Mean
14-Q1	3.96	13.33
14-Q2	5.82	13.46
14-Q3	4.75	13.64
14-Q4	2.6	14.26
15-Q1	2.02	11.78
15-Q2	2.09	10.77
15-Q3	0.8	7.27
15-Q4	1.69	8.76

Patchsets per Changeset: Common Libraries
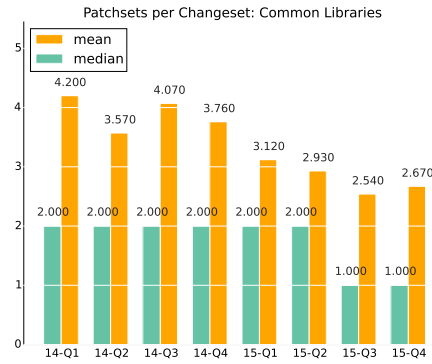
Period	Median	Mean
14-Q1	2.0	4.2
14-Q2	2.0	3.57
14-Q3	2.0	4.07
14-Q4	2.0	3.76
15-Q1	2.0	3.12
15-Q2	2.0	2.93
15-Q3	1.0	2.54
15-Q4	1.0	2.67

Time waiting for the reviewer: Common Libraries
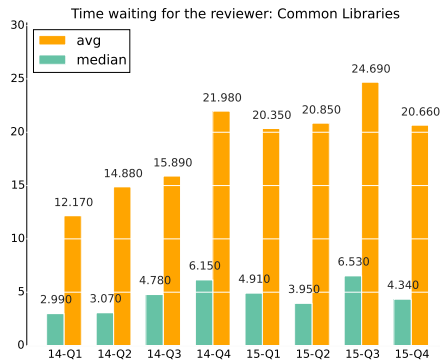
Period	Median	Mean
14-Q1	2.99	12.17
14-Q2	3.07	14.88
14-Q3	4.78	15.89
14-Q4	6.15	21.98
15-Q1	4.91	20.35
15-Q2	3.95	20.85
15-Q3	6.53	24.69
15-Q4	4.34	20.66

Time waiting for the submitter: Common Libraries
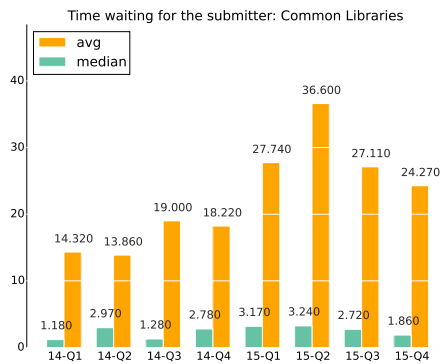
Period	Median	Mean
14-Q1	1.18	14.32
14-Q2	2.97	13.86
14-Q3	1.28	19.0
14-Q4	2.78	18.22
15-Q1	3.17	27.74
15-Q2	3.24	36.6
15-Q3	2.72	27.11
15-Q4	1.86	24.27