OpenStack Community Activity Report: Release
Cycle Management
October-December, 2014
Report sponsored by the OpenStack Foundation
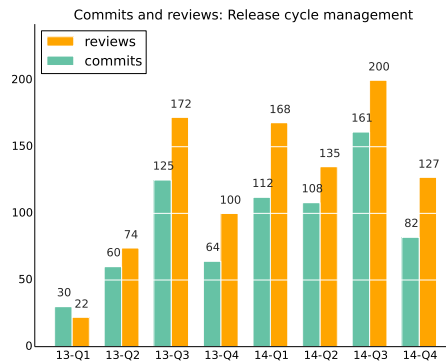
Bitergia

December 23, 2014

Tickets activity information is not available. This affects the activity of opened and closed tickets and the BMI chart.

1 Activity

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

Commits and reviews: Release cycle management

Period	Commits	Reviews
13-Q1	30	22
13-Q2	60	74
13-Q3	125	172
13-Q4	64	100
14-Q1	112	168
14-Q2	108	135
14-Q3	161	200
14-Q4	82	127

Merged and abandoned reviews: Release cycle management
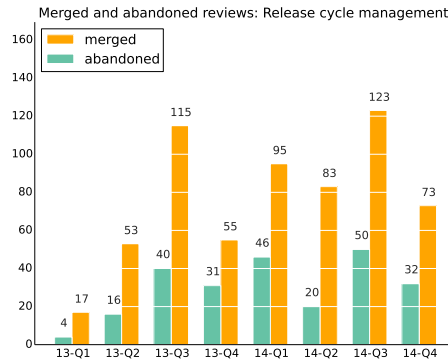
Period	Merged	Abandoned
13-Q1	17	4
13-Q2	53	16
13-Q3	115	40
13-Q4	55	31
14-Q1	95	46
14-Q2	83	20
14-Q3	123	50
14-Q4	73	32

2 Community

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

Active Core Reviewers: Release cycle management
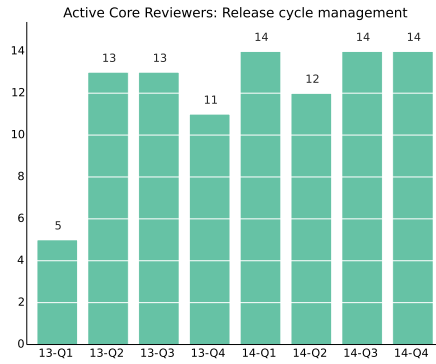
Period	Active Core
13-Q1	5
13-Q2	13
13-Q3	13
13-Q4	11
14-Q1	14
14-Q2	12
14-Q3	14
14-Q4	14

Authors Release cycle management
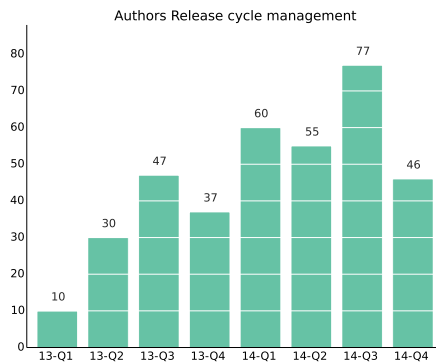
Period	Authors
13-Q1	10
13-Q2	30
13-Q3	47
13-Q4	37
14-Q1	60
14-Q2	55
14-Q3	77
14-Q4	46

| Commit (s)	Author
7	Davanum Srinivas
6	Doug Hellmann
6	Matthew Treinish
4	Adam Gandelman
3	Andreas Jaeger
3	Joshua Harlow
3	Kiall Mac Innes
3	Sean Dague
2	Alan Pevec
2	Angus Lees

| Commit (s)	Organizations
19	HP
10	Red Hat
9	IBM
6	DreamHost
5	Canonical
4	Mirantis
4	VMware
4	Yahoo!
3	OpenStack Foundation
3	Rackspace

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.
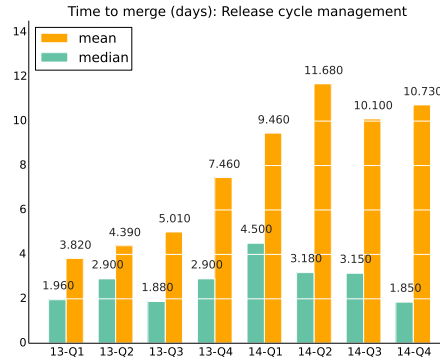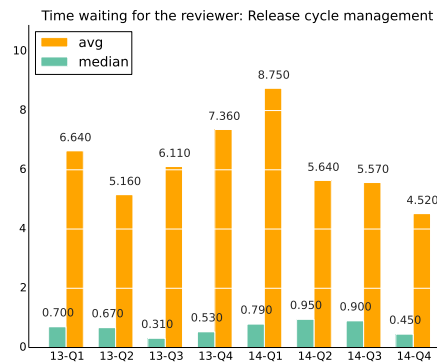
Period	Median	Mean
13-Q1	1.96	3.82
13-Q2	2.9	4.39
13-Q3	1.88	5.01
13-Q4	2.9	7.46
14-Q1	4.5	9.46
14-Q2	3.18	11.68
14-Q3	3.15	10.1
14-Q4	1.85	10.73
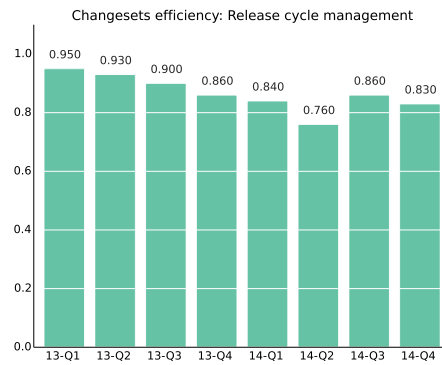
Period	Closed/Opened
13-Q1	0.95
13-Q2	0.93
13-Q3	0.9
13-Q4	0.86
14-Q1	0.84
14-Q2	0.76
14-Q3	0.86
14-Q4	0.83

Patchsets per Changeset: Release cycle management
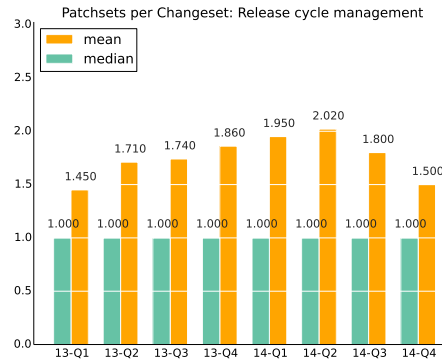
Period	Median	Mean
13-Q1	1.0	1.45
13-Q2	1.0	1.71
13-Q3	1.0	1.74
13-Q4	1.0	1.86
14-Q1	1.0	1.95
14-Q2	1.0	2.02
14-Q3	1.0	1.8
14-Q4	1.0	1.5

Time waiting for the reviewer: Release cycle management

Period	Median	Mean
13-Q1	0.7	6.64
13-Q2	0.67	5.16
13-Q3	0.31	6.11
13-Q4	0.53	7.36
14-Q1	0.79	8.75
14-Q2	0.95	5.64
14-Q3	0.9	5.57
14-Q4	0.45	4.52

Time waiting for the submitter: Release cycle management
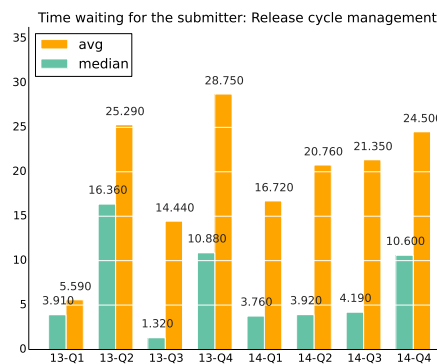
Period	Median	Mean
13-Q1	3.91	5.59
13-Q2	16.36	25.29
13-Q3	1.32	14.44
13-Q4	10.88	28.75
14-Q1	3.76	16.72
14-Q2	3.92	20.76
14-Q3	4.19	21.35
14-Q4	10.6	24.5