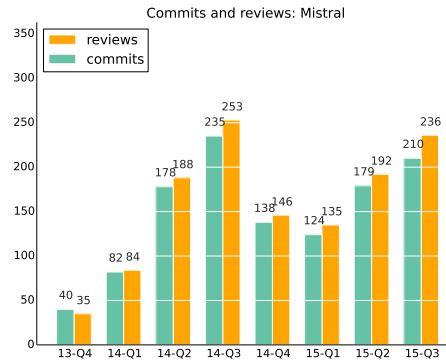OpenStack Community Activity Report: Mistral
April-June, 2015
Report sponsored by the OpenStack Foundation
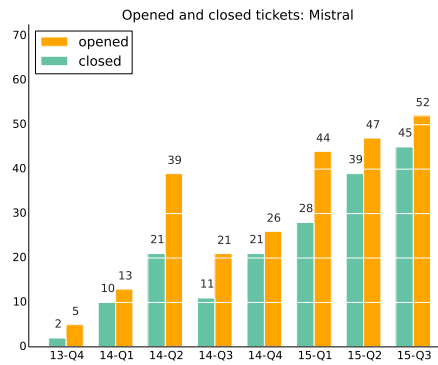

Bitergia

September 29, 2015

1 Activity

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

Period	Commits	Reviews
13-Q4	40	35
14-Q1	82	84
14-Q2	178	188
14-Q3	235	253
14-Q4	138	146
15-Q1	124	135
15-Q2	179	192
15-Q3	210	236

Period	Closed	Opened
13-Q4	2	5
14-Q1	10	13
14-Q2	21	39
14-Q3	11	21
14-Q4	21	26
15-Q1	28	44
15-Q2	39	47
15-Q3	45	52

Merged and abandoned reviews: Mistral
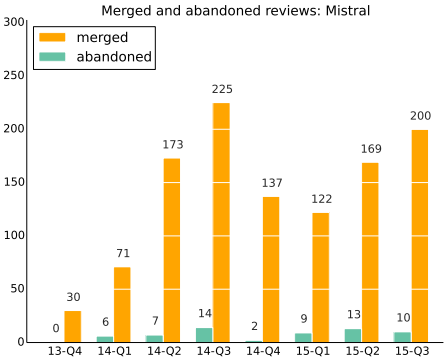
Period	Merged	Abandoned
13-Q4	30	0
14-Q1	71	6
14-Q2	173	7
14-Q3	225	14
14-Q4	137	2
15-Q1	122	9
15-Q2	169	13
15-Q3	200	10

2   Community

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

Active Core Reviewers: Mistral
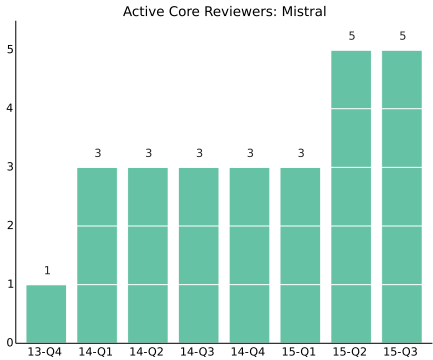
Period	Active Core
13-Q4	1
14-Q1	3
14-Q2	3
14-Q3	3
14-Q4	3
15-Q1	3
15-Q2	5
15-Q3	5

Authors Mistral
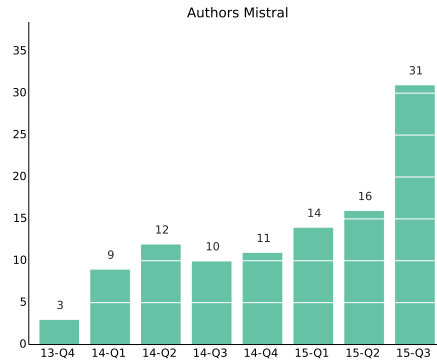
Period	Authors
13-Q4	3
14-Q1	9
14-Q2	12
14-Q3	10
14-Q4	11
15-Q1	14
15-Q2	16
15-Q3	31

Commit (s)	Author
47	Niu.ZGlinux
44	Nikolay Mahotkin
29	Renat Akhmerov
12	Lingxian Kong
10	OpenStack Proposal Bot
9	Winson Chan
8	Gal Margalit
8	konglingxian
7	Anastasia Kuznetsova
4	Christian Berendt

| Commit (s)	Organizations
83	Mirantis
55	Huawei
47	Centrin
17	Alcatel-Lucent
10	OpenStack Foundation
9	Intel
4	B1 Systems
4	HP
2	99cloud
2	Individual
1	Cloudbase Solutions
1	Fujitsu
1	IBM
1	NEC
1	Wikimedia Foundation

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: Mistral
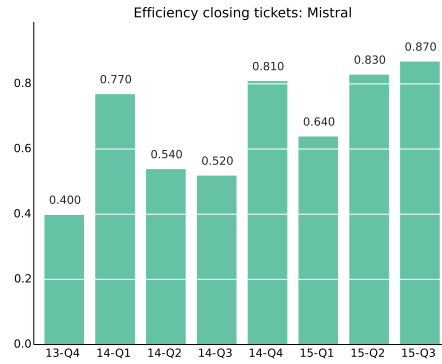
Period	Closed/Opened
13-Q4	0.4
14-Q1	0.77
14-Q2	0.54
14-Q3	0.52
14-Q4	0.81
15-Q1	0.64
15-Q2	0.83
15-Q3	0.87

Changesets efficiency: Mistral
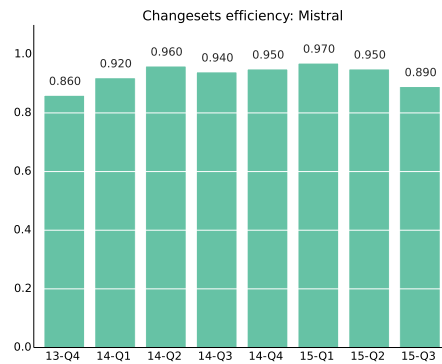
Period	(Aband. and Merg.)/Subm.
13-Q4	0.86
14-Q1	0.92
14-Q2	0.96
14-Q3	0.94
14-Q4	0.95
15-Q1	0.97
15-Q2	0.95
15-Q3	0.89

Time to merge (days): Mistral
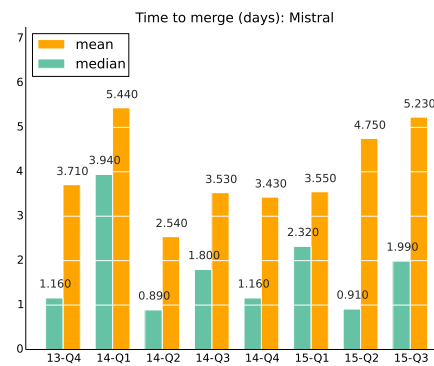
Period	Median	Mean
13-Q4	1.16	3.71
14-Q1	3.94	5.44
14-Q2	0.89	2.54
14-Q3	1.8	3.53
14-Q4	1.16	3.43
15-Q1	2.32	3.55
15-Q2	0.91	4.75
15-Q3	1.99	5.23
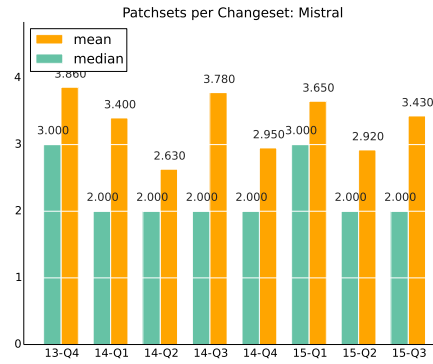
Period	Median	Mean
13-Q4	3.0	3.86
14-Q1	2.0	3.4
14-Q2	2.0	2.63
14-Q3	2.0	3.78
14-Q4	2.0	2.95
15-Q1	3.0	3.65
15-Q2	2.0	2.92
15-Q3	2.0	3.43
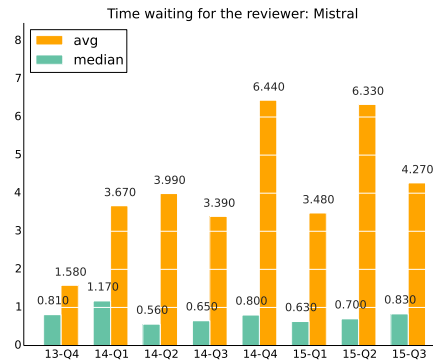
Period	Median	Mean
13-Q4	0.81	1.58
14-Q1	1.17	3.67
14-Q2	0.56	3.99
14-Q3	0.65	3.39
14-Q4	0.8	6.44
15-Q1	0.63	3.48
15-Q2	0.7	6.33
15-Q3	0.83	4.27
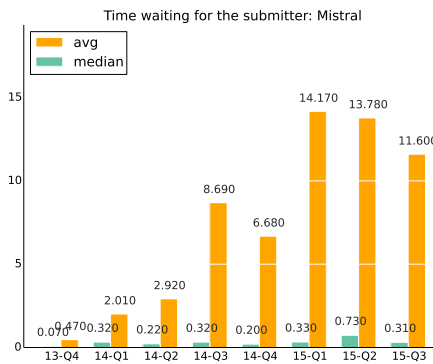
Period	Median	Mean
13-Q4	0.07	0.47
14-Q1	0.32	2.01
14-Q2	0.22	2.92
14-Q3	0.32	8.69
14-Q4	0.2	6.68
15-Q1	0.33	14.17
15-Q2	0.73	13.78
15-Q3	0.31	11.6