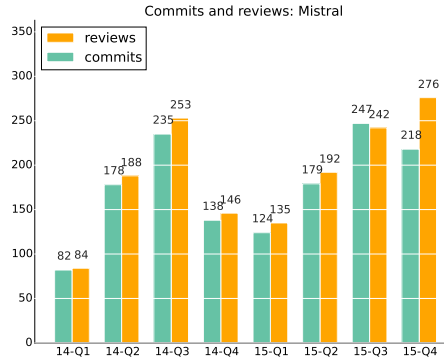OpenStack Community Activity Report: Mistral
October-December, 2015
Report sponsored by the OpenStack Foundation
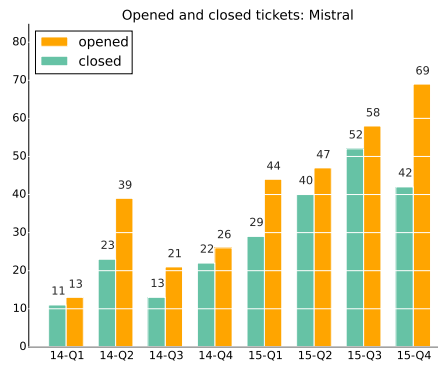
Bitergia

January 14, 2016

1   Activity

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

Commits and reviews: Mistral

Period	Commits	Reviews
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	247	242
15-Q4	218	276

Opened and closed tickets: Mistral

Period	Closed	Opened
14-Q1	11	13
14-Q2	23	39
14-Q3	13	21
14-Q4	22	26
15-Q1	29	44
15-Q2	40	47
15-Q3	52	58
15-Q4	42	69

Merged and abandoned reviews: Mistral
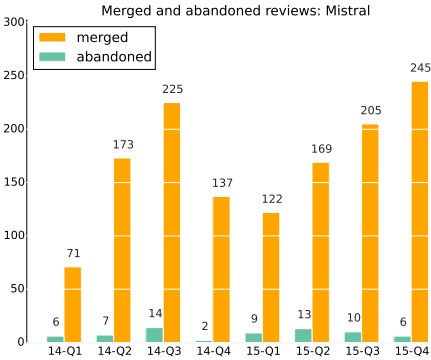
Period	Merged	Abandoned
14-Q1	71	6
14-Q2	173	7
14-Q3	225	14
14-Q4	137	2
15-Q1	122	9
15-Q2	169	13
15-Q3	205	10
15-Q4	245	6

2   Community

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

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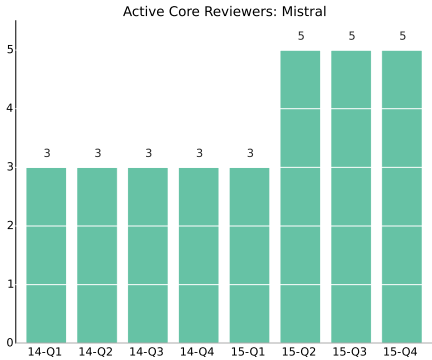
Period	Active Core
14-Q1	3
14-Q2	3
14-Q3	3
14-Q4	3
15-Q1	3
15-Q2	5
15-Q3	5
15-Q4	5

Authors Mistral
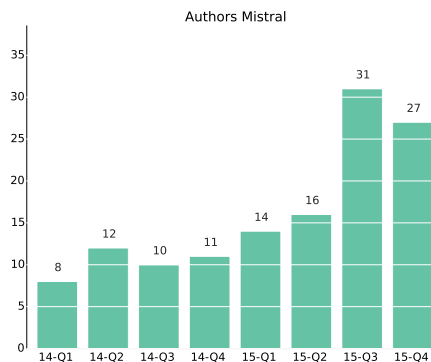
Period	Authors
14-Q1	8
14-Q2	12
14-Q3	10
14-Q4	11
15-Q1	14
15-Q2	16
15-Q3	31
15-Q4	27

Commit (s)	Author
37	Renat Akhmerov
31	hardik.parekh
27	Lingxian Kong
26	Nikolay Mahotkin
18	Winson Chan
17	Anastasia Kuznetsova
11	Gal Margalit
8	Dan Prince
6	Moshe Elisha
5	Bertrand Lallau

| Commit (s)	Organizations
84	Mirantis
32	NEC
26	Alcatel-Lucent
18	Intel
8	Red Hat
5	Thales
4	Awcloud
2	99cloud
2	B1 Systems
2	EasyStack
2	Huawei
2	OpenStack Foundation
1	Centrin

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.

4

Efficiency closing tickets: Mistral
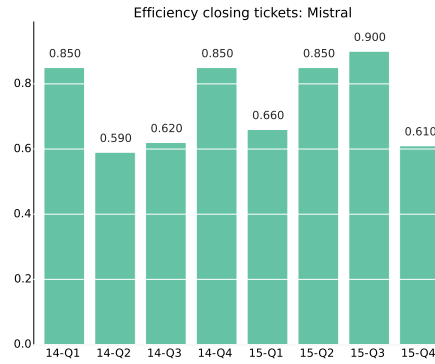
Period	Closed/Opened
14-Q1	0.85
14-Q2	0.59
14-Q3	0.62
14-Q4	0.85
15-Q1	0.66
15-Q2	0.85
15-Q3	0.9
15-Q4	0.61

Changesets efficiency: Mistral
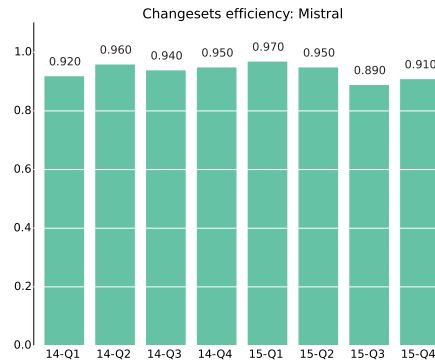
Period	(Aband. and Merg.)/Subm.
14-Q1	0.92
14-Q2	0.96
14-Q3	0.94
14-Q4	0.95
15-Q1	0.97
15-Q2	0.95
15-Q3	0.89
15-Q4	0.91

Time to merge (days): Mistral
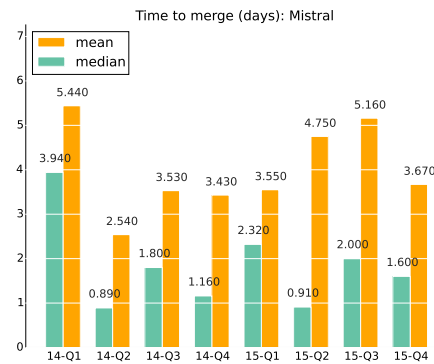
Period	Median	Mean
14-Q1	3.94	5.44
14-Q2	0.89	2.54
14-Q3	1.8	3.53
14-Q4	1.16	3.43
15-Q1	2.32	3.55
15-Q2	0.91	4.75
15-Q3	2.0	5.16
15-Q4	1.6	3.67

Patchsets per Changeset: Mistral
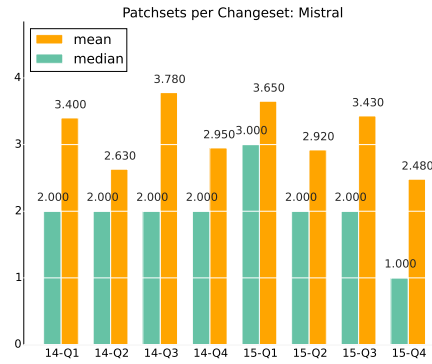
Period	Median	Mean
14-Q1	2.0	3.4
14-Q2	2.0	2.63
14-Q3	2.0	3.78
14-Q4	2.0	2.95
15-Q1	3.0	3.65
15-Q2	2.0	2.92
15-Q3	2.0	3.43
15-Q4	1.0	2.48

Time waiting for the reviewer: Mistral
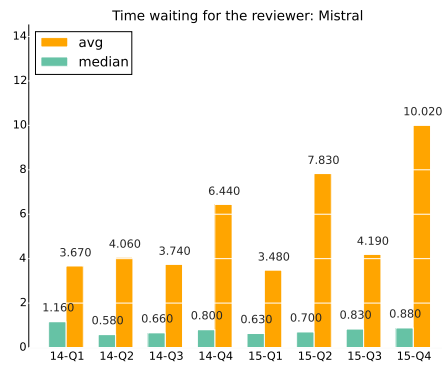
Period	Median	Mean
14-Q1	1.16	3.67
14-Q2	0.58	4.06
14-Q3	0.66	3.74
14-Q4	0.8	6.44
15-Q1	0.63	3.48
15-Q2	0.7	7.83
15-Q3	0.83	4.19
15-Q4	0.88	10.02

Time waiting for the submitter: Mistral
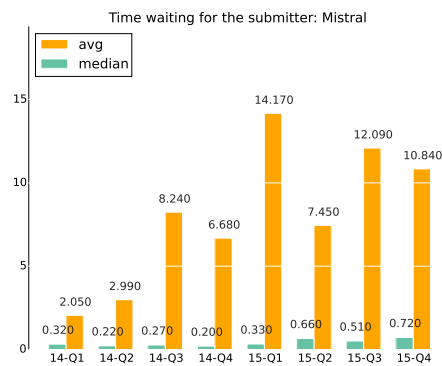
Period	Median	Mean
14-Q1	0.32	2.05
14-Q2	0.22	2.99
14-Q3	0.27	8.24
14-Q4	0.2	6.68
15-Q1	0.33	14.17
15-Q2	0.66	7.45
15-Q3	0.51	12.09
15-Q4	0.72	10.84

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