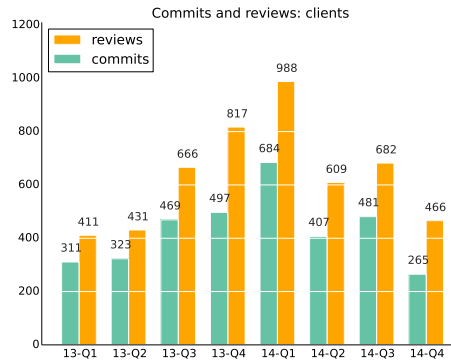OpenStack Community Activity Report: Clients
October-December, 2014
Report sponsored by the OpenStack Foundation
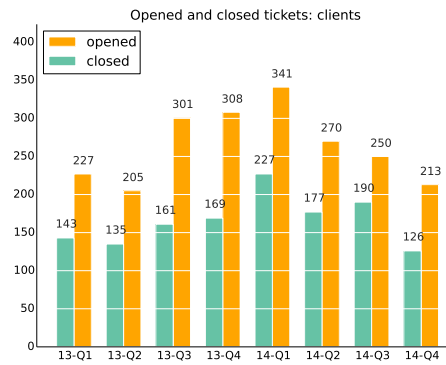

January 14, 2015

# 1   Activity

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

Commits and reviews: clients

Period	Commits	Reviews
13-Q1	311	411
13-Q2	323	431
13-Q3	469	666
13-Q4	497	817
14-Q1	684	988
14-Q2	407	609
14-Q3	481	682
14-Q4	265	466

Opened and closed tickets: clients

Period	Closed	Opened
13-Q1	143	227
13-Q2	135	205
13-Q3	161	301
13-Q4	169	308
14-Q1	227	341
14-Q2	177	270
14-Q3	190	250
14-Q4	126	213

Merged and abandoned reviews: clients
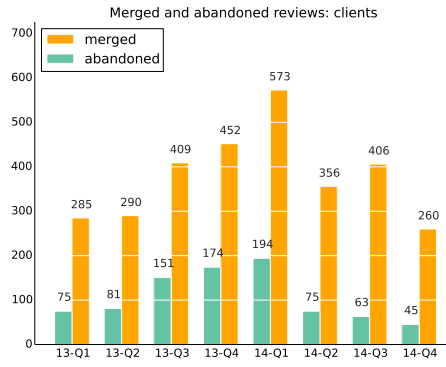
Period	Merged	Abandoned
13-Q1	285	75
13-Q2	290	81
13-Q3	409	151
13-Q4	452	174
14-Q1	573	194
14-Q2	356	75
14-Q3	406	63
14-Q4	260	45

2 Community

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

Active Core Reviewers: clients
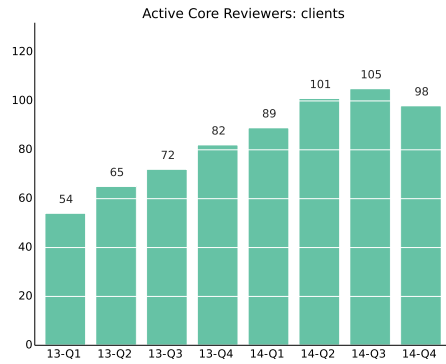
Period	Active Core
13-Q1	54
13-Q2	65
13-Q3	72
13-Q4	82
14-Q1	89
14-Q2	101
14-Q3	105
14-Q4	98

Authors clients

Period	Authors
13-Q1	120
13-Q2	114
13-Q3	167
13-Q4	151
14-Q1	192
14-Q2	136
14-Q3	181
14-Q4	127

Commit (s)	Author
20	Brant Knudson
13	Jamie Lennox
11	Jeremy Stanley
10	Andrey Kurilin
8	Flavio Percoco
7	Daniel Wakefield
5	Alistair Coles
5	cedric.brandily
5	Eugeniya Kudryashova
5	Louis Taylor

| Commit (s)	Organizations
49	Red Hat
38	Mirantis
33	IBM
32	HP
11	OpenStack Foundation
9	Huawei
8	NEC
8	Rackspace
4	Yahoo!
3	Cloudscaling

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: clients

|	
13-Q1	0.630
13-Q2	0.660
13-Q3	0.530
13-Q4	0.550
14-Q1	0.670
14-Q2	0.660
14-Q3	0.760
14-Q4	0.590
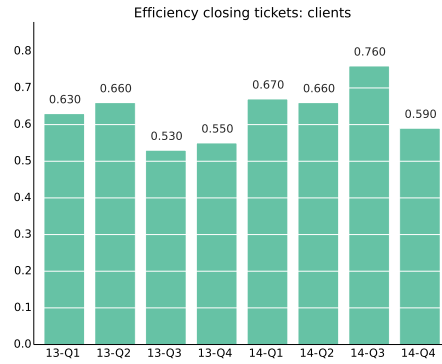
He was an Austrian physicist famous for his founding contributions in the fields of statistical mechanics and statistical thermodynamics. He was one of the most important advocates for atomic theory at a time when that scientific model was still highly controversial.

Changesets efficiency: clients
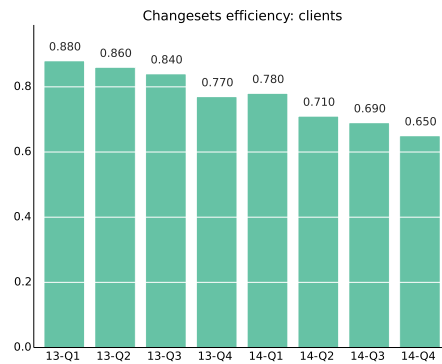
Period	(Aband. and Merg.)/Subm.
13-Q1	0.88
13-Q2	0.86
13-Q3	0.84
13-Q4	0.77
14-Q1	0.78
14-Q2	0.71
14-Q3	0.69
14-Q4	0.65

Time to merge (days): clients
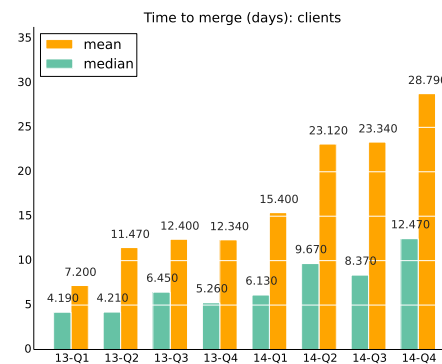
Period	Median	Mean
13-Q1	4.19	7.2
13-Q2	4.21	11.47
13-Q3	6.45	12.4
13-Q4	5.26	12.34
14-Q1	6.13	15.4
14-Q2	9.67	23.12
14-Q3	8.37	23.34
14-Q4	12.47	28.79

5

Patchsets per Changeset: clients
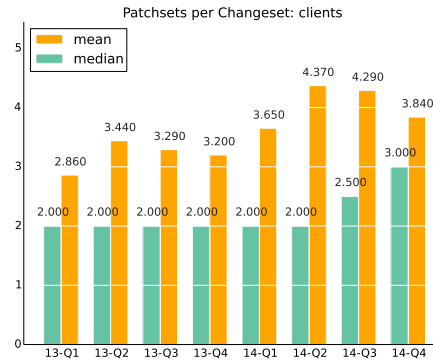
Period	Median	Mean
13-Q1	2.0	2.86
13-Q2	2.0	3.44
13-Q3	2.0	3.29
13-Q4	2.0	3.2
14-Q1	2.0	3.65
14-Q2	2.0	4.37
14-Q3	2.5	4.29
14-Q4	3.0	3.84

Time waiting for the reviewer: clients
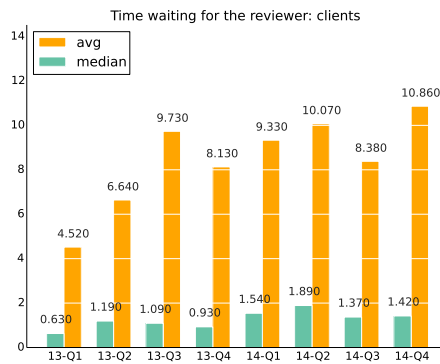
Period	Median	Mean
13-Q1	0.63	4.52
13-Q2	1.19	6.64
13-Q3	1.09	9.73
13-Q4	0.93	8.13
14-Q1	1.54	9.33
14-Q2	1.89	10.07
14-Q3	1.37	8.38
14-Q4	1.42	10.86

Time waiting for the submitter: clients
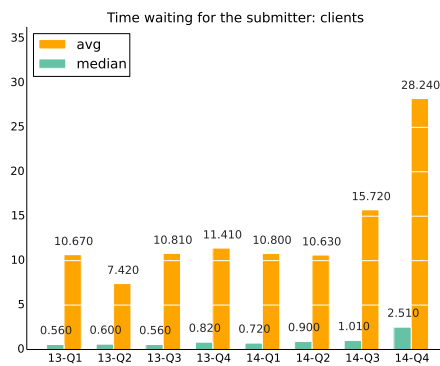
Period	Median	Mean
13-Q1	0.56	10.67
13-Q2	0.6	7.42
13-Q3	0.56	10.81
13-Q4	0.82	11.41
14-Q1	0.72	10.8
14-Q2	0.9	10.63
14-Q3	1.01	15.72
14-Q4	2.51	28.24