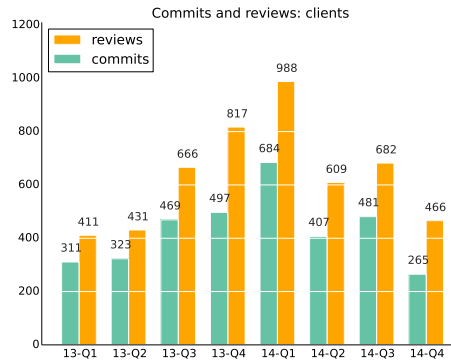OpenStack Community Activity Report: Clients
October-December, 2014
Report sponsored by the OpenStack Foundation
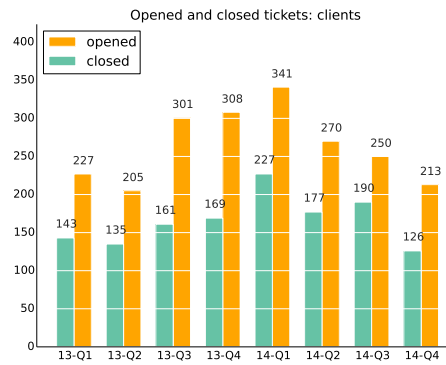
Bitergia

January 13, 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
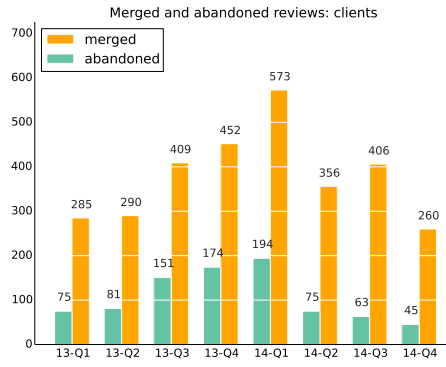
| Period | Merged | Abandoned |
|---|---|---|
| 13-Q1 | 285 | 75 |
| 13-Q2 | 290 | 81 |
| 13-Q3 | 409 | 151 |
| 13-Q4 | 452 | 174 |
| 14-Q1 | 573 | 194 |
| 14-Q2 | 356 | 75 |
| 14-Q3 | 406 | 63 |
| 14-Q4 | 260 | 45 |

# 2  Community

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

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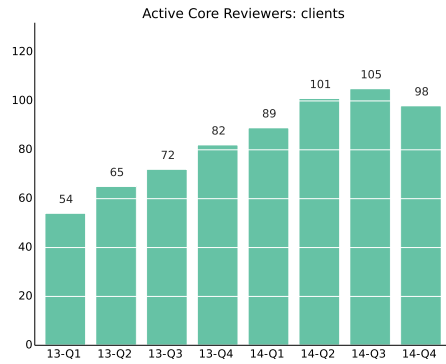
| Period | Active Core |
|---|---|
| 13-Q1 | 54 |
| 13-Q2 | 65 |
| 13-Q3 | 72 |
| 13-Q4 | 82 |
| 14-Q1 | 89 |
| 14-Q2 | 101 |
| 14-Q3 | 105 |
| 14-Q4 | 98 |

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 | Commit (s) | Organizations |
|-----------|--------|-----------|---------------|
| 20 | Brant Knudson | 49 | Red Hat |
| 13 | Jamie Lennox | 38 | Mirantis |
| 11 | Jeremy Stanley | 33 | IBM |
| 10 | Andrey Kurilin | 32 | HP |
| 8 | Flavio Percoco | 11 | OpenStack Foundation |
| 7 | Daniel Wakefield | 9 | Huawei |
| 5 | Alistair Coles | 8 | NEC |
| 5 | cedric.brandily | 8 | Rackspace |
| 5 | Eugeniya Kudryashova | 4 | Yahoo! |
| 5 | Louis Taylor | 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.

4

**Efficiency closing tickets: clients**

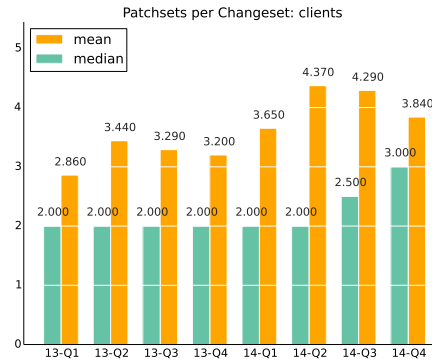| 13-Q1 | 13-Q2 | 13-Q3 | 13-Q4 | 14-Q1 | 14-Q2 | 14-Q3 | 14-Q4 |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.630 | 0.660 | 0.530 | 0.550 | 0.670 | 0.660 | 0.760 | 0.590 |
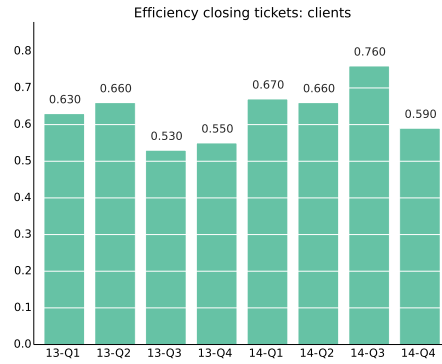
He was an Austrian physicist famous for his founding contributions in the fields of statistical mechanics and statistical thermodynamics. He was one of the most important advocates for atomic theory at a time when that scientific model was still highly controversial.
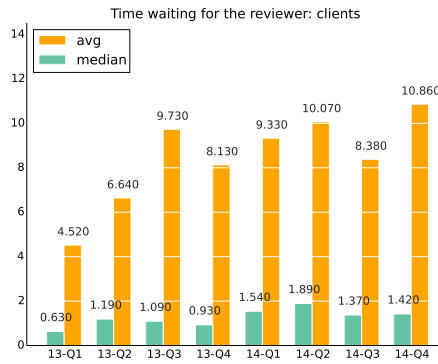
**Changesets efficiency: clients**
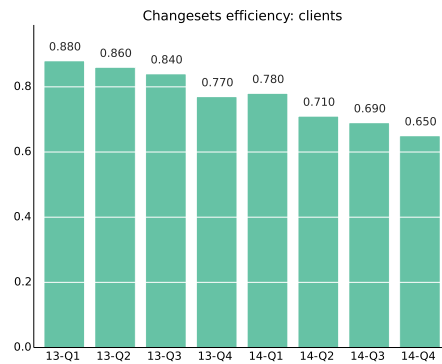
| 13-Q1 | 13-Q2 | 13-Q3 | 13-Q4 | 14-Q1 | 14-Q2 | 14-Q3 | 14-Q4 |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.880 | 0.860 | 0.840 | 0.770 | 0.780 | 0.710 | 0.690 | 0.650 |

| 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**
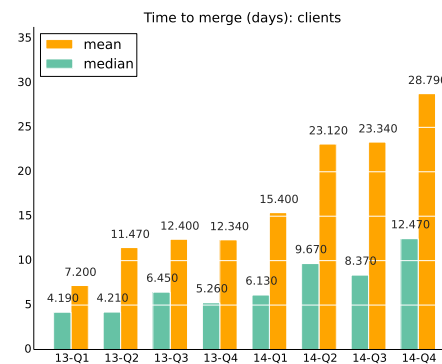
| Period | Median | Mean |
|--------|--------|------|
| 13-Q1 | 4.19 | 7.2 |
| 13-Q2 | 4.21 | 11.47 |
| 13-Q3 | 6.45 | 12.4 |
| 13-Q4 | 5.26 | 12.34 |
| 14-Q1 | 6.13 | 15.4 |
| 14-Q2 | 9.67 | 23.12 |
| 14-Q3 | 8.37 | 23.34 |
| 14-Q4 | 12.47 | 28.79 |

5
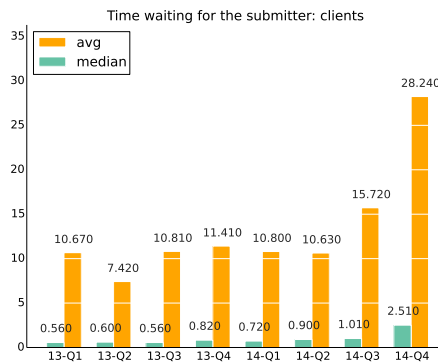
| Period | Median | Mean |
|--------|-------:|-----:|
| 13-Q1  | 2.0    | 2.86 |
| 13-Q2  | 2.0    | 3.44 |
| 13-Q3  | 2.0    | 3.29 |
| 13-Q4  | 2.0    | 3.2  |
| 14-Q1  | 2.0    | 3.65 |
| 14-Q2  | 2.0    | 4.37 |
| 14-Q3  | 2.5    | 4.29 |
| 14-Q4  | 3.0    | 3.84 |



| 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 |



| 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 |