

Community contribution models for Servo/Rust

edunham 2016-06-16



“Invite others into your work.”



rust-lang/rust (2010)

- **27** mozilla.com emails
(**6759** commits)
- **1528** non-mozilla.com
(**38178** commits +
9213 by Bors)
- **2%** of contributors,
15% of commits use a
mozilla.com email

servo/servo (2012)

- **26** mozilla.com emails
(**4203** commits)
- **569** non-mozilla.com
(**11621** commits +
2542 by Bors)
- **4%** of contributors,
26% of commits use a
mozilla.com email

Mozilla-central (2007)

- **1025** mozilla.com emails (**146405** commits)
- **3870** non-mozilla.com (**155531** commits)
- **20%** of contributors, **48%** of commits use a mozilla.com email



Constraints



Tools & Processes

- Starters
- Highfive
- Bors/Homu
- Moderation
- Mentorship
- “Automatically maintain a repository that always passes all the tests”



Contributor Pipeline



Starters

Servo Starters

Contributing to Mozilla **servo** is fun!

Sometimes it's hard to know where to get started, though. *Servo Starters* is a list of easy tasks that are good for beginners to rust or servo.

If you want to work on an issue, make sure to claim it by commenting on it before working on it! Check out our **CONTRIBUTING.md** for more helpful tips on how to contribute to Servo.

I'm Feeling Adventurous...

and I want to work with:

Language: rust

Language: python

Language: javascript

Language: saltstack

Open Issues

[**crowbot 49**] - Add a memory bank for This Week in Servo notes

Good first PR

Language: javascript

🕒 Last activity: 22 days ago

[**saltfs 382**] - Use OS X 10.11 on Travis

Good first PR

Language: saltstack

🕒 Last activity: 23 days ago

[**saltfs 372**] - Use steps.Compile for `mach package` on Buildbot

Good first PR

Language: python

🕒 Last activity: a month ago

Highfive



steveklabnik was assigned by **rust-highfive** 9 hours ago



rust-highfive commented 9 hours ago

The Rust Programming Language member



Thanks for the pull request, and welcome! The Rust team is excited to review your changes, and you should hear from **@steveklabnik** (or someone else) soon.

If any changes to this PR are deemed necessary, please add them as extra commits. This ensures that the reviewer can see what has changed since they last reviewed the code. Due to the way GitHub handles out-of-date commits, this should also make it reasonably obvious what issues have or haven't been addressed. Large or tricky changes may require several passes of review and changes.

Please see [the contribution instructions](#) for more information.

Bors/Homu

r? @glennw



highfive assigned **glennw** and unassigned **asajeffrey** a day ago



glennw commented a day ago

servo member



@bors-servo r+



bors-servo commented a day ago

servo member



Commit [5109ece](#) has been approved by [glennw](#)



highfive added **S-awaiting-merge** and removed **S-awaiting-review** labels a day ago



bors-servo added a commit that referenced this pull request a day ago

Auto merge of #11749 - asajeffrey:constellation-failing-failure, r=glennw
033786c



bors-servo commented a day ago

servo member



Testing commit [5109ece](#) with merge [033786c](#) ...



bors-servo commented 23 hours ago

servo member



Test successful - [android](#), [arm32](#), [arm64](#), [linux-dev](#), [linux-rel](#), [mac-dev-unit](#), [mac-rel-css](#), [mac-rel-wpt](#), [windows](#)



bors-servo merged commit [5109ece](#) into [servo:master](#) 23 hours ago

[View details](#)

2 checks passed

The background of the entire image is a close-up, high-resolution texture of rust. It features a complex pattern of reddish-brown, orange, and yellowish-brown hues, with a rough, granular surface that appears to be the result of corrosion on a metal surface. The texture is dense and covers the entire frame.

“Hack Without Fear”

Conduct

- “Please be kind and courteous.”
- “Please keep unstructured critique to a minimum”
- “We will exclude you from interaction if you insult, demean or harass anyone”

- <https://www.rust-lang.org/conduct.html>

“The Rust community gives me a particularly bad feeling. They're rather tyrannical about enforcing their code of conduct. They even have a moderation attack squad to go after anyone they deem to be an enemy!”

– <https://developers.slashdot.org/comments.pl?sid=8652809&cid=51352141>

“The Rust community seems to be populated entirely by human beings. I have no idea how this was done.”

- <http://scattered-thoughts.net/blog/2015/06/04/three-months-of-rust/>



Contributions



Config Management

servo / saltfs

Watch 17 Unstar 12 Fork 38

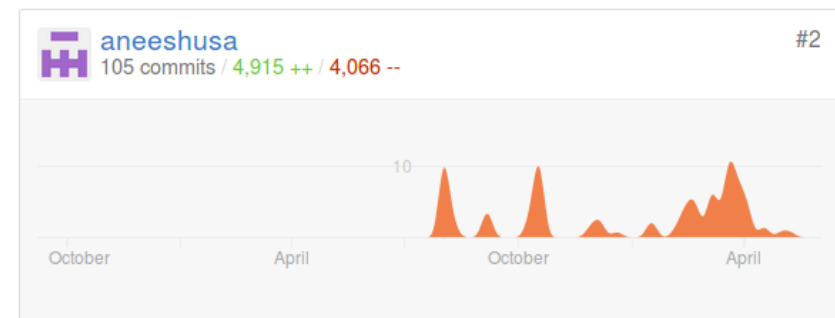
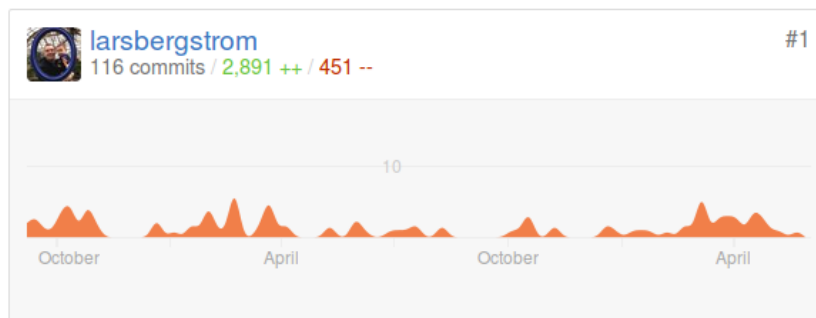
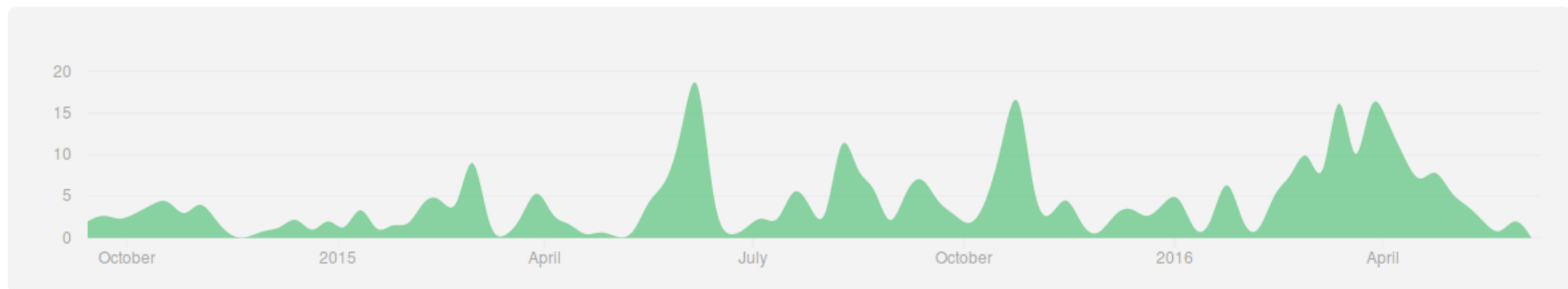
Code Issues 39 Pull requests 19 Pulse Graphs Settings

Contributors Traffic Commits Code frequency Punch card Network Members

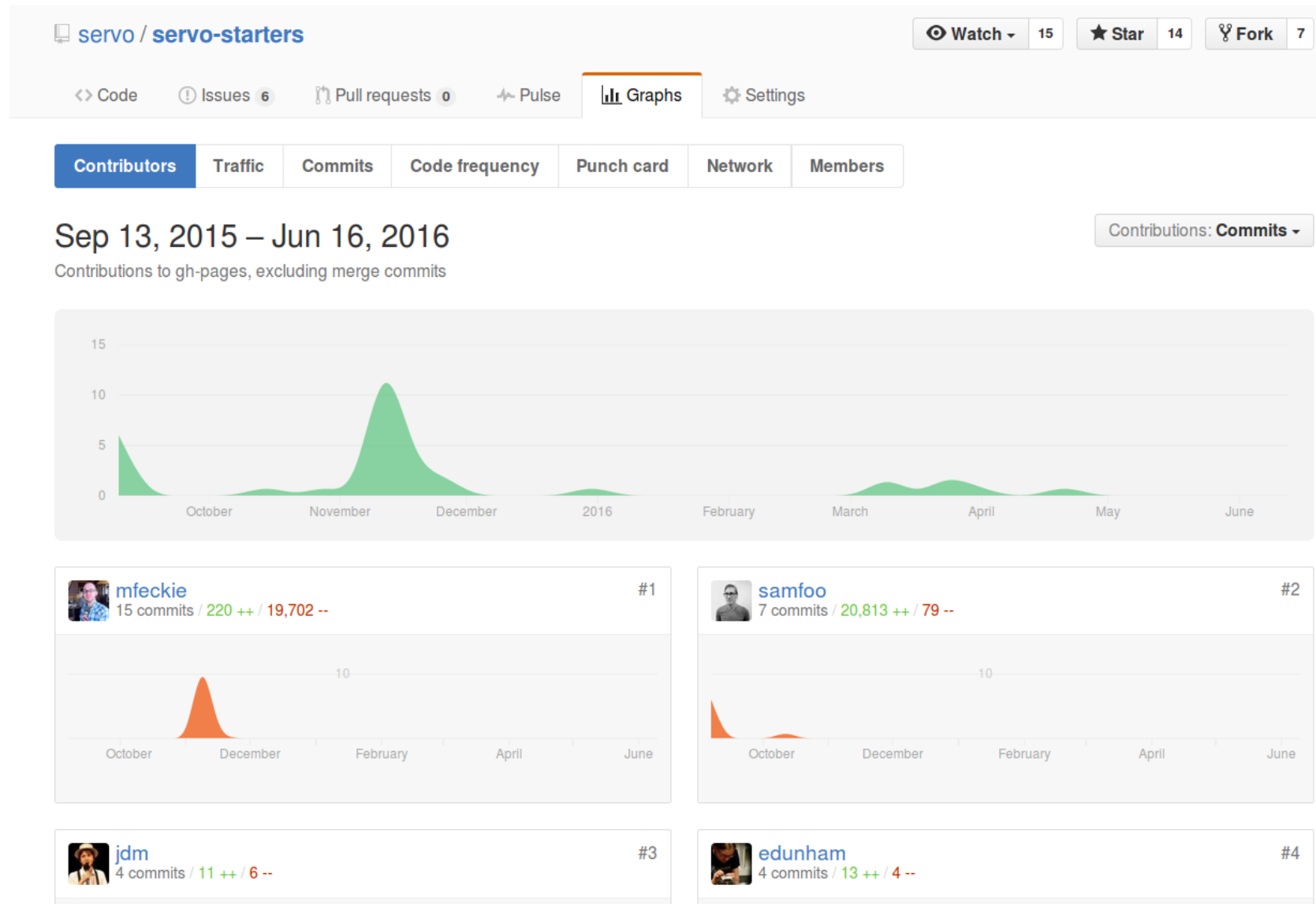
Sep 21, 2014 – Jun 16, 2016

Contributions to master, excluding merge commits

Contributions: Commits



Starters



Project Stats

Rust Language Project Metrics

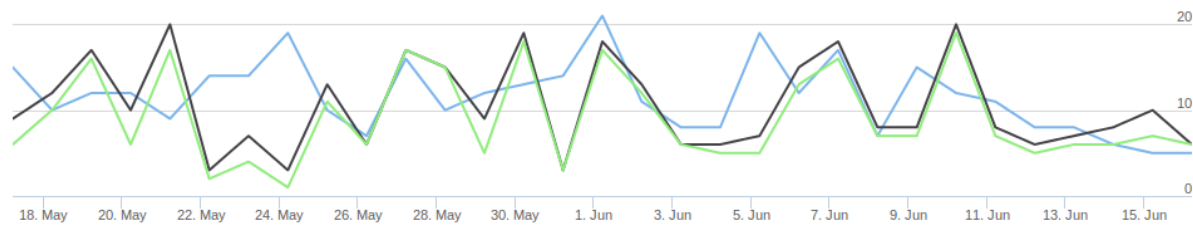
Sections:

[Home](#) • [Nightlies](#) • [Issues](#) • [Pull Requests](#) • [Buildbots](#) • [Triage](#) • [Useful Links](#)

Pull Requests

25.72 days is the mean age of currently open pull requests

PRs Opened/Closed Per Day:



PR Days Open Before Closed:



rust-lang/rust (2010)

- **27** mozilla.com emails
(**6759** commits)
- **1528** non-mozilla.com
(**38178** commits +
9213 by Bors)
- **2%** of contributors,
15% of commits use a
mozilla.com email

servo/servo (2012)

- **26** mozilla.com emails
(**4203** commits)
- **569** non-mozilla.com
(**11621** commits +
2542 by Bors)
- **4%** of contributors,
26% of commits use a
mozilla.com email

`talks.edunham.net/mozlondon2016`

- <https://github.com/servo/servo-starters>
- <https://github.com/servo/highfive>
<https://github.com/nrc/highfive>
- <https://github.com/servo/homu>
- <http://graydon.livejournal.com/186550.html>
- <https://www.rust-lang.org/conduct.html>
- <http://rusty-dash.com>
- <https://github.com/youknowone/gitstat/tree/servostat>
- <https://github.com/blog/2111-issue-and-pull-request-templates>
- <http://scribu.github.io/travis-stats/#servo/servo>
- <http://edunham.github.io/travis-stats/#servo>
- <http://buildtimetrend.herokuapp.com/dashboard/servo/servo/index.html>