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

https://upload.wikimedia.org/wikipedia/commons/5/5b/Rusty_pipes.jpg
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
steveklabnik was assigned by rust-hightfive 9 hours ago

rust-hightfive commented 9 hours ago

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 Due to the way GitHub handles out-of-date commits, this should also make it reasonably obvious what issues have or haven't been addressed.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

@glennw commented a day ago

@bors-servo r+

bors-servo commented a day ago

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

Testing commit 5109ece with merge 633786c ...

bors-servo commented a day ago

Test successful - android, arm32, arm64, linux-dev, linux-rel, mac-dev-unit, mac-rel-css, mac-rel-wpi, windows

bors-servo merged commit 5109ece into servo:master 23 hours ago

2 checks passed
“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
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:
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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
- https://www.rust-lang.org/conduct.html
- http://rusty-dash.com
- https://github.com/youknowone/gitstat/tree/servostat
- http://scribu.github.io/travis-stats/#servo/servo
- http://edunham.github.io/travis-stats/#servo