ATS Spring 2020 Summit

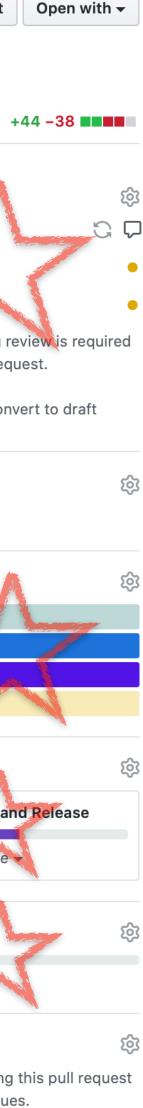
PRs, changes and ownership "Am I the only one around here that gives a shit about the rules!?"



Good PR

- Short first line in commit msg
- Longer description following the first line (use empty lines in commit msg)
- 2 or more reviewers assigned
 - Not just same team!
- Properly assigned
- Labels to identify the bug
- Milestone set (10.0.0 unless branch)
- Project(s) added
 - Please justify why!

Improve client_vc tracking #6889	Edit
Image: Speed of the speed	
Q Conversation 9 -O- Commits 1 I Checks 0 ± Files changed 8	
 shinrich commented 4 days ago Member © … A replacement for PR #6732 plus some additional fixes suggested by @masaori335. The issue we have been tracking down for the last few months on ATS9 is dealing with "stale" client_vc pointers. The first approach taken in PR #6469 was to just look for still set client_vc's after the client session do_io_close and then close it. However that approach would sometimes touch a client_vc object that had already been freed. With ASAN builds @bneradt found a number of use-after-free cases. Then we took this approach of making sure that while a HttpSM or client session is still alive and referencing the client_vc, the read and write vio's should reference either the HttpSM, session or some other layer 7 object. The theory being that we were getting stale client_vc references because net events like error, eos, timeout would occur while the write/read vio was pointing to a null continuation. We have been minimal and due to other issues. @masaori335 pointed out that we should be able to close the netvc object at the point where the session do_io_close occurs. Making that change and running double*/openclose* with 100's of transactions shows that this is safe. 	Reviewers maskit masaori335 masaori35
Also extended the h2spec timeout from the default 2 seconds. Given the timing vagaries of the CI environment, giving more timeout slack seemed better. With all the debugging on, I was seeing intermittent failures in a variety of cases.	Projects آبا 9.0.x Branch a
S H shinrich added HTTP/2 HTTP Crash HttpSM labels 4 days ago	Awaiting triage
Shinrich added this to the 10.0.0 milestone 4 days ago	Milestone 10.0.0
shinrich requested review from maskit, masaori335 and a-canary 4 days ago	Linked issues
A 🖶 shinrich self-assigned this 4 days ago	Successfully mergin may close these issu None vet

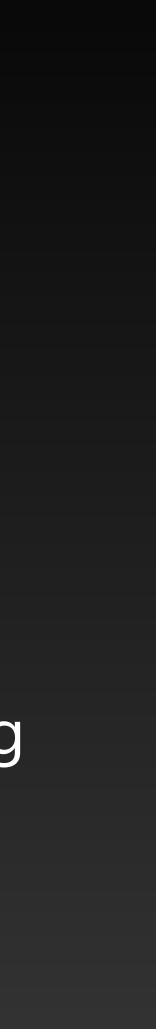


Non committer PRs

- Non-committers can not update most of the fields on Github
 - Help them!
- reviewer(s) of a PR.
- to grow our community.

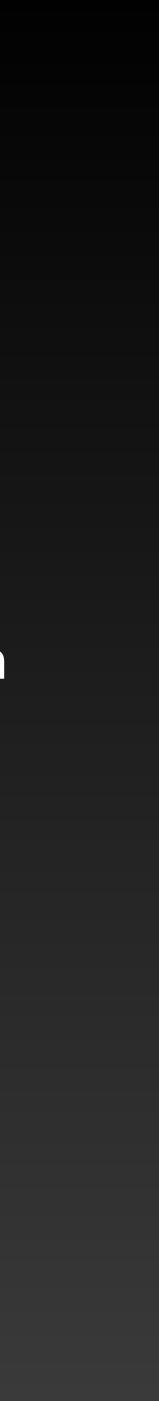
• Same 4 rules applies, except some responsibilities are also move to the

• Please review non-committers PRs in a timely manner, it's how we're going



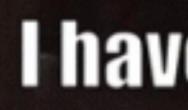
Managing PRs

- Don't be afraid to ask for reviews!
 - Herd your cats, ping people on slack, remind them on the PRs etc.
- Track down the original PR on a bug fix PR and put the PR number in the first description of the **original** PR
- If you want a PR tested on Docs, mark it with Label OnDocs, and ping Leif (or anyone else building on Docs / CI server)
- When closing a PR, remove the OnDocs label •
- When closing a PR without merging, remove Milestones and Projects ullet
- When reverting a PR, mark both the original PR, and the revert PR, with the "Reverted" Milestone



PR Ownership The Four Commandments

- You, as the poster, are responsible for making sure your PRs gets reviewed by the right people, as well as merged, in a timely manner.
- You, as the poster, are responsible for marking your PRs with the appropriate backport Project tags, with reasonable justifications / explanations why.
- You, as the poster, are responsible for watching the CI pages for failures in builds, Clang analyzer, and autest related to your PRs.
- You, as the poster, are responsible to monitoring for bugs related to the PRs you have made, and prioritize your work for fixing this.



I have spoken.



- Status
- Companies testing 9.0.0
 - Verizon Media, Apple, LinkedIn
- Release date?
 - All Hands On Deck!

ATS 9.0.0



