2021-05-24 Besu Contributor Call

(Meeting Link: https://consensys.zoom.us/j/94665568300)

APAC/AMER Friendly Time - 0100UTC (https://www.timeanddate.com/worldclock/converter.html?
iso=20201013T010000&p1=224&p2=179&p3=1440&p4=195&p5=47)

- 6 pm Monday Los Angeles
- 9 pm Monday New York
- 1 am Tuesday UTC
- 3 am Tuesday Paris/Berlin
- 11 am Tuesday Brisbane

Agenda

- Housekeeping
    - Antitrust notice - https://www.linuxfoundation.org/antitrust-policy/
    - This meeting is being recorded
    - Please Mute unless speaking
    - If you have a question use the raise hand feature
- General Announcements
    - A few contributors and maintainers from ConsenSys will be at the global forum
    - Grace is facilitating panel on use-cases on Besu, Lucas is hosting Besu demo
    - Danno presenting Bonzai demo, Goerli demo, Ethereum layer 2 related to Hyperledger
    - Hyperledger Besu certification survey results are in!
    - Working on Rocketchat bridge to ConsenSys Discord
    - Working on global Meetups to cross-promote on Hyperledger <> BUIDL network
- Release updates
    - New Release: Besu 21.1.6
        - https://github.com/hyperledger/besu/releases/tag/21.1.6
- Work Updates
    - Non-technical contributors to become maintainers

        - Restrictions for maintainers that are non-technical can be recognized
        - Vijay and Sajida have been added as maintainers based on their product leadership
        - We should do a poll in Rocketchat for: (1) what is stopping you from contributing to Besu (2) why are you deterred from contributing to Besu?
        - Could we incentivize contributors to create more tutorials in a repo for the community? We have quorum-quickstart-dev, but could there be more developer tools for demonstrating privacy/permissioning upon deployment (we need more contributors!)
    - Experimental Bonsai trie benchmark results

        - Karim update: Took over Bonsai work since Danno left
        - Since March 20, we had two mainnet nodes syncing
        - 1TB vs .5 TB without Bonsi trie improvements
        - Force node without pruning - 12TB
        - 50% improvement in storage usage with bonsai enhancements
    - Post Rayonism update
        - Rayonism went well!
        - Besu as an execution client was the most stable execution client; top performer!
        - On Nocturne testnet, we did some things with type transactions, but had very little to do
        - We integrated with Teku/Prysm/Lighthouse (couldn't get Nimbus up in time)
        - Had really good results with all four on the second trial
        - Working on getting Besu broader adoption as an execution environment; de facto execution engine for Teku
        - Antoine to assist Gary with Rayonism work (consult)
        - Next ->
            - No new testnet
            - Withdrawal and partial withdrawal work
            - ETH1 hardfork will need to happen for next steps
    - ETC
        - Magneto hard fork
        - Antoine is close with ETC and working on mining improvements using Besu
            - Besu support for pool methods (reject list, blacklist IPs), more open issues in Github
        - Besu is an ideal client for ETC miners but requires some improvements/ fixed issues
    - 1559 update
        - Getting close - London configs are in testnets
        - Doing work with Dimitry and Ari on reference tests
        - Besu is only ETH1 client that does RPC tests right now
        - Transaction pool modification code is getting difficult to follow
        - Refactoring code so we can optimize
        - Karim is working on late breaking update
        - Code freeze right now
        - Getting everything under the wire for first testnet release June 2nd
        - All things aside: great shape!
- Other Business
    - Technical Steering Committee
        - New mandate: Must transition off Master branch to Main branch
        - Deadline: End of Q2
        - Chupacabra is working on this issue

- - - Consider removing other barriers for contributors
          - https://www.hyperledger.org/blog/2021/01/26/removing-barriers-to-contribution-with-inclusive-language
  - Project Management
    - Currently on Open CI
      - Issues:
        - PRs from external contributors is difficult
    - Github actions is new target from Hyperledger/ Linux Foundation
- Open Forum
- Future Topics
  - Next Besu quarterly report to TSC is scheduled for June 24th

**Recording will be added here after the call

https://consensys.zoom.us/rec/share/Udlzjm7VAPAqTNsQ-IhHQtFXEYmeFYcPYQ6LAc-fYyinOUS2XOUlgwj-AwjxeNmG.KuZ3yfTA9MBY52rn

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