2019 02 14 TSC Minutes

$action.dateFormatter.formatGivenString("dd-MMM-yyyy", $content.getCreationDate()) (7:00am - 8:00am PT)

via Zoom

Antitrust Policy Notice

Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

All are Welcome in the Hyperledger Community

Hyperledger is committed to creating a safe and welcoming community for all. For more information please visit our Code of Conduct: Hyperledger Code of Conduct

TSC Members

Present?

- ☑ Arnaud Le Hors
- ☑ Baohua Yang
- ☐ Binh Nguyen
- ☑ Christopher Ferris
- ☐ Dan Middleton
- ☑ Hart Montgomery
- ☑ Kelly Olson
- ☐ Mark Wagner
- ☑ Mic Bowman
- ☑ Nathan George
- ☐ Silas Davis

Resources:

- Chat: chat.hyperledger.org (use your LFID to login)
- Github: www.github.com/hyperledger
- Wiki: wiki.hyperledger.org/
- Public lists: lists.hyperledger.org
- Meetings: wiki.hyperledger.org/community/calendar-public-meetings

Announcements

- Silona:
    - Need more mentors for the internship program. Contact Silona or Min.
    - Quilt reboot initial meetings happened.
        - Next meeting next week.
        - Bringing on members of other projects to advise on how to best move forward.
        - Interledger protocol or any other cross-ledger protocols?

Items of discussion

- Revisiting the incoming frameworks guidelines.
    - https://lists.hyperledger.org/g/tsc/message/1931
    - Rough Draft - New Project Proposal
        - please add your comments on the criteria we should include.
    - Keep receiving proposals for code bases wanting to join Hyperledger.
    - The guidelines will help with the screening process in the beginning.
    - This is designed to differentiate between frameworks, apps, etc.
    - Any topics or criteria that should be included?
        - Is it a multi-stakeholder project? Now that we have labs, that should be where code bases grow to include multiple stakeholders before graduating into a project.
        - What will the TSC be considering with new frameworks going forward.
        - Multi-stakeholder/diversity aspect is fundamental to a potential new project to be considered to be a project rather than a lab.
        - Graduation from a lab to project hinges a lot on multi-stakeholder interest in the project.
        - Uniqueness is of less concern because we can use Hyperledger as a place to consolidate similar projects.
            - We do **not** want to be a dumping ground for failed ICO platforms.
        - Default to directing code bases to a lab, except if they are an established project with a diversity of stakeholders.
        - Labs don't necessarily provide access to tools and marketing resources making growth a little more difficult.
            - Informal decision: labs should be able to request access to tools as they need it. No customization. Just use what you get in Github.
            - We need a feel that there is a real project going on before a lab graduates to a project. We should minimize the amount of resources invested.
        - What criteria do people think are reasonable for skipping labs and straight to a project?
            - Is it coming in as a multi-vendor active project or is a project from scratch?
                - Project from scratch should be a lab first.
                - Multi-vendor, active project should be a project.
                - Projects that have been incubated as part/feature in an existing project and now needs to be split off is a third category of potential project.
            - Is there a template for labs proposals with a checklist?
                - Yes. Is it sufficient? We should review it.
- Role of lab sponsors wording
    - Looking for comments from the community.
    - Labs require a labs sponsor and we need to make sure that we have a solid set of expectations for a sponsor.
    - Kelly: Arnaud's definition is consistent with his understanding of a lab sponsor role.
    - +1 Chris Ferris
    - Informal decision: no objections so we accept the definition as is.
- APAC bootcamp
    - Set for Hong Kong, March 7-8
    - Opened up registration and was sold out in less than 24 hours.
        - We're trying to expand the number of attendees.
        - Still have slots available for session leaders
    - Slots are filling up with sessions.
    - Most materials for the bootcamp are being created as reusable materials for future bootcamps.
        - Plans to translate the materials for non-English speaking bootcamps.
- Contributors Summit
    - Still in discussions with the events team to find a time and location for it.
    - Kelly: are we still looking to append this to the members summit in Japan this summer?
        - Not currently but was considering a day of unconference at the members' summit for this.
        - There's a desire to have them both together to make (international) travel easier for attendees.
        - We were looking at having the contributors' summit in Canada.
        - Can we still look into having the contributors' summit at a less expensive venue in conjunction with the members' summit.
            - Soramitsu, Hitachi, and NEC may have spaces we can use for the contributors' meeting.
- Bootcamps in India and Brazil
    - Still in discussions with the events team to find a time and location for them.
    - Brazil is likely to be in the May time frame.
- Election of New Chair for Learning Materials Dev WG
    - Include ask of TSC for projects to send a representative to LMGD group
    - Sent email to email list about voting
    - Tabling until next week.

Quarterly updates

- Hyperledger Burrow
  - Have had a couple of fixes releases plus some new features.
  - Dump and restore has been added.
    - Allows for backwards incompatible changes without losing the state from the previous change.
    - Dump old chain state. Start new chain. Restore from previous dump so that the genesis block contains old state.
    - There's a plan to create a Fork Tx to mark where a chain has been dumped and forked.
  - Changes to new proposal system.
    - Runs transactions in proposal mode but doesn't record the changes until there have been enough votes.
  - Looking at storing ABI's on chain instead of files.
    - Knowing a contract address is all that is needed to look up a contract and call it.
    - Just need to know the name of the contract.
  - Planning on adding primitives for token economics.
  - Planning to add WASM VM in burrow to add support for executing WASM contracts.
  - Contributions from IBM that fix a few bugs.
  - Questions:
    - Are you intending to replace the EVM engine with the WASM engine?
      - The intention is to eventually use the WASM VM as the execution environment.
    - What is the higher level language that your users will be using?
      - Solidity will still be the language used.
      - Solang compiler is in prototype phase. It is a front end for LLVM written in Rust. Intention is to compile Solidity to WASM.
    - Arnaud: I would like to know more about Blackstone.
      - It is an API for running BPN on the blockchain using Solidity.
      - Allows users to implement legal agreements on a blockchain.
      - Written in Solidity so it should run on anything that uses Solidity.
      - Thinking they want to make it part of Hyperledger at some point.
- Hyperledger Performance and Scalability WG
  - There was a discussion with Stack and there is an opportunity to work together to develop a benchmark.
  - Would we need legal agreements between Hyperledger and Stack?
  - Would we be jointly developing a standard benchmark?
  - Do we want to get involved and try to steer the effort in a direction we like or should we stay out of it and risk getting a benchmark that nobody likes?
  - We should probably stay involved since we care a lot about scalability and performance.
  - Questions:
    - Kelly: How aligned is the PSWG with the Caliper project?
      - No response. Nobody from Caliper present.

Upcoming items

- Hyperledger Composer from 29 October 2018 (remember submit here TSC Project Updates)
- Hyperledger Quilt from 10 January (remember submit here TSC Project Updates)

Recordings

- Audio and Video
- Audio
- Chat log

Backlog

- Project Readiness for 1.0
- What does Vendor Diversity mean?