# 09/11

## Announcements

The Hyperledger Technical Steering Committee election is coming up and we are currently seeking nominations of candidates. Please see the election page on the wiki for more information. **The call for nominations closes on September 19th at 17:00 Pacific Time (GMT - 7).**

## Code & Projects

Hyperledger Besu

- v1.5.4 now available. Some improvements include:
  - A new privacy JSON RPC API, priv_debugGetStateRoot
  - Better re-org logging
  - A new debug API, debug_batchSendRawTransaction to send multiple txns with a single call
  - Full release notes here.

Hyperledger Lab: Solang

- v0.1.3 is now available.
  - Added
    - `import` directives are supported
    - New `--importpath` command line argument to specify directories to search for imports
    - Contracts can have base contracts
    - Contracts can be abstract
    - Interfaces are supported
    - Libraries are supported
    - The `using` library `for` type syntax is supported
  - Changed
    - Solang now uses llvm 10.0 rather than llvm 8.0
    - In line with Solidity 0.7.0, constructors no longer need a visibility argument

Hyperledger Aries Framework Go

- v0.1.4 is now available.
  - Enhancements
    - Aries Agent Mobile: mobile bindings for all protocols
    - DIF Presentation-Exchange (initial support)
    - RFC0453 - Issue Credential V2
    - RFC0454 - Present Proof V2
    - Ability to forward action/state events through the WebSocket transport
    - `didexchange.Client.CreateConnection()`: ability to create a didcomm connection record without running the didexchange protocol
    - Ability to associate saved credentials and presentations with `myDID` and `theirDID`
    - RFC0434 - Out-of-Band Protocols: added JavaScript and REST bindings
    - RFC0028 - Introduce: added JavaScript and REST bindings
    - TLS support for all inbound transports (wss, https)
    - Middleware handlers for issue-credential and present-proof
  - Fixes
    - aries-js-worker: Safari error "Could not decode a text frame as UTF-8." in WebSocket Communication
  - Breaking changes
    - The Legacy KMS has been removed from the framework.

## Noteworthy Pull Requests

*Note that this section is intended to highlight particularly interesting pull requests that need **more eyeballs and reviews.***

Hyperledger Aries Framework Go

- fix: Use a new KMS to create a DID by VDRI

Hyperledger Umbra

- Dashboard + report parsing script + new rpc in umbra-scenario to query toplogy

Hyperledger Cello

- add docker rest api agent

## Articles, Training & Tutorials

- O'Reilly Book "Hands-On Smart Contract Development with Hyperledger Fabric V2" Now available.
- Becoming a Hyperledger Aries Developer Course - Develop blockchain-based production-ready identity applications with Hyperledger Aries. This course focuses on building applications on top of Hyperledger Aries components—the area where you, as a Self-Sovereign identity (SSI) application developer, can have the most impact. While you need a good understanding of Indy (and other ledger/verifiable credential

technologies) and a basic idea of what Ursa (the underlying cryptography) is and does, Aries is where you need to dig deep. Learn more and sign up.

## Events

## Upcoming Project Maintainer Calls

2020-09-12:

- Cello Weekly Meeting

2020-09-14:

- Cactus Maintainers

2020-09-15:

- Besu Contributor Call APAC/AMER
- Indy Contributors Call
- Fabric samples workgroup

2020-09-16:

- Ursa Biweekly Meeting
- Fabric Contributor Meeting
- ACA-Pug Meetings
- Aries WG B Call
- Caliper Contributors Meeting
- Interledger Community Call
- Marketing Committee - Developer Relations sync

2020-09-17:

- Explorer Contributors Meeting
- Technical Steering Committee (TSC)
- Cactus Contributors Western Hemisphere
- Fabric Application Developer Community Call
- Fabric SDK Python Meeting

2020-09-18:

- Fabric Documentation Workgroup call - Eastern hemisphere
- Grid Community Meeting
- Fabric Documentation Workgroup call - Western hemisphere
- Aries JavaScript Meeting (Weekly)

- ☑ Jessica Rampenadd code & projects, articles, training & tutorials, events
- ☑ David Husebyadd noteworthy pull requests
- ☑ Ry Jones add upcoming project maintainer calls
- ☑ David Huseby review code & projects
- ☑ Ry Jones review code & projects