

2019-08-19 Indy Maintainers Call

Summary

- Release updates
- Rich schemas HIPE
- Proposal to improve performance of the Indy SDK CI test pipeline

Timezone: US afternoon and Asia morning

We intend to record this call.

Remember the [Hyperledger Code of Conduct](#)

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Attendees

- Name (organization) <email>
- [Richard Esplin](#)(Evernym) <richard.esplin@evernym.com>

Announcements

Summary of Prior Call

Release Status

- Indy Node
 - August: 1.9.2
 - Bug fix release
 - September: 1.10.0
 - PBFT view change
- Indy SDK
 - August:
 - Finish Authors vs Endorsers
 - Finish proof of possession of payment address
 - Platform Updates: Ubuntu 18.04
 - Future
 - Platform Updates: MacOS, CentOS
 - GitLab migration alongside Jenkins (Foundation)?
 - Aries / Indy split
 - Anoncreds 2.0 (Sovrin Foundation, [BC.gov?](#))
- Ursa
 - Working on release of 0.2.0
 - ZKP / ZKLang improvements
 - Debian packages
 - Refactor internal plumbing for anoncreds 2.0, shouldn't impact external interfaces
 - Refactor multi-signature BLS in addition to aggregated signature
- Aries
 - Agent from Indy Catalyst migrated to aries-cloudagent-python ([BC.gov](#))
 - Initial code migration from Indy SDK repositories
- Indy Catalyst
 - Migrated

Work Updates

- Documentation improvements: Michael B and Stephen C
 - Need to review and prune out-of-date documentation (Alice / Faber treatment of pairwise DIDs is a key pain point)
 - Michael is working on Indy Agent walkthrough using C#
 - Finishing work on ReadTheDocs (2 more weeks?)

- SDK 2.0 architecture / Indy-Aries split (Sergey)
- GitLab migration (Mike and Steve G)
 - Demos in the Identity Implementers WG calls
 - Issues with Jenkins machines because Rust builds run out of memory—workaround increased build time but is a temporary solution
- Advanced Schemas and W3C creds (Ken)
 - Can successfully write and retrieve the Context object from the node code. Will track through all layers up to Aries.
 - <https://github.com/ken-ebert/indy-node/commits/master>
 - 5 additional objects need to be added.
- Warnings from rust cargo clippy (Mike and Axel)
 - IS-1270 through IS-1274
- New design for revocation / Anoncreds 2.0 (Mike)
 - Would be useful to have a comparison in performance between Anoncreds 1.0 and Anoncreds 2.0
 - First draft is latex document in Ursa repo. Will be published as PDF and HTML.
 - <https://github.com/hyperledger/ursa-docs/tree/master/specs/anoncreds2>
 - Need a plan for changes to Indy Node
 - HIPE for overall changes, then a design PR for the changes specific to the different repos.
 - <https://github.com/hyperledger/indy-node/tree/master/design>

Other Business

- Accepting HIPE PR #138, Issue #144
- Improving the performance of the Indy SDK CI pipeline: [IS-1345](#) - Reduce load on CI pipeline for PRs (PoA + impl) COMPLETE
- Close PR <https://github.com/hyperledger/indy-sdk/pull/1048> as something that will be replaced by the advanced schema work?
 - Ken will review the work to see what we can learn.

Future Calls

- Proposal for Fully Qualified DIDs
 - [IS-451](#)
 - [IS-1358](#)
 - Breaking change in order to go faster and avoid duplicated code?
- New pack / unpack requires disclosure of recipient
 - Cannot hide the receiver of the message like we could with msg_pack
 - Allows having multiple recipients of the same message
 - Should list the drawback in the Aries-RFC? Is there an alternative way that preserves the capability to selectively disclose the recipient?
- Ursa and AMCL
- Architecture questions for Indy SDK:
- PostgreSQL wallet to graduate from "experimental" status?
- Maintainership requirements for Indy Node and Indy SDK
- How to handle old pull requests that failed DCO Checks? Close?
- How to handle pull requests for IOS / Swift wrappers? Close and encourage the move to Aries?
- How to handle pull requests for LibVCX? Deprecate?
- HIPE pull requests: <https://github.com/hyperledger/indy-hipe/pulls>

Action items

- Nathan (Daniel)
 - Set up alternate meeting hosts to record
- HIPE #138, Issue #144 (Ken and Brent)
 - Create a PR for changing status to ACCEPTED
 - Check for an Aries RFC

Call Recording