

# 2019-08-14-A Aries Working Group Call (US morning)

## Summary:

- Work updates and release updates
- Indy SDK architecture documentation
- Context object for Rich Schemas
- Aries SDK architecture

Note: This call is Recorded. Recordings posted at the bottom of the page.

## Date

14 Aug 2019 (7AM Los Angeles, 10AM New York, 3PM London, 17H Moscow)

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## Attendees

- Name (organization) <email>
- [Richard Esplin](#) (Evernym) <[richard.esplin@evernym.com](mailto:richard.esplin@evernym.com)>
- Sam Curren (Sovrin Foundation) <[sam@sovrin.org](mailto:sam@sovrin.org)>
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- [Jakub Koci](#) (Absa) <[jakub.koci@gmail.com](mailto:jakub.koci@gmail.com)>

## Welcome / Introductions

## Announcements

- Community project: Aries RFCs - [process to move HIPES](#); RFCs that have been moved [concepts](#) / [features](#) / [pull requests](#).
- Aries Workshop/Connectathon December 3-5 in Provo, Utah (details to follow)

## Summary of Prior Calls and Related Meetings

- Aries WG
- Indy
  - Indy Maintainers call calendar invitations have changed
- Ursa

## Release Status

- Aries-CloudAgent-Python (bc.gov) - [Release 0.3.0](#) has been tagged and is on PyPi
  - Architectural Deep Dive recording: [https://wiki.hyperledger.org/download/attachments/16322546/GMT20190723-ACA\\_Deep\\_Dive\\_1920x1080.mp4?api=v2](https://wiki.hyperledger.org/download/attachments/16322546/GMT20190723-ACA_Deep_Dive_1920x1080.mp4?api=v2)
  - Working on 0.3.1:
    - Command line cleanup
    - Multi-use invitations with private DIDs
- Aries-Framework-Go (Troy)

- Project planning is being done via GitHub Projects (<https://github.com/hyperledger/aries-framework-go/projects> with development tasks tracked at <https://github.com/hyperledger/aries-framework-go/projects/2>)
- Current iteration focus is on [framework infrastructure](#), [envelope crypto](#), [did:peer](#), [DID web client resolution](#), [DID exchange protocol](#), and a [controller API](#) to enable demos & integration/bdd tests.
- Aries-SDK-Ruby (Jack)
  - Moved to <https://github.com/hyperledger/aries-sdk-ruby>
  - Released as a Gem at <https://rubygems.org/gems/aries-sdk-ruby>
- Indy SDK
  - August
- 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

## Work Updates

- Documentation improvements: Michael B and Stephen C
  - Aries focused Edx Course in November sponsored by the Linux Foundation
- SDK 2.0 architecture / Indy-Aries split (Sergey)
  - <http://jira.hyperledger.org/browse/IS-1285>
  - [https://docs.google.com/document/d/1MYMi4NkixfoJeC79WBOFX\\_QA3\\_9rG-iK3lZa86vIR0/edit#heading=h.z1u0dzf62loi](https://docs.google.com/document/d/1MYMi4NkixfoJeC79WBOFX_QA3_9rG-iK3lZa86vIR0/edit#heading=h.z1u0dzf62loi) POA and discussion
  - [https://docs.google.com/drawings/d/1d-aCRC\\_Nzyyvw9nyQif9\\_vBGbeWhp69M4T5\\_8\\_yYtAl/edit?usp=sharing](https://docs.google.com/drawings/d/1d-aCRC_Nzyyvw9nyQif9_vBGbeWhp69M4T5_8_yYtAl/edit?usp=sharing) Indy SDK Migration box diagram
  - <https://docs.google.com/drawings/d/1sUffkRPlufingeeRjjBniVt9Ek3CNih9lUqym8mUI4M/edit?usp=sharing> Aries Architecture
  - [https://hackmd.io/\\_BhJewTISUqMGNDc4SvGnw?edit](https://hackmd.io/_BhJewTISUqMGNDc4SvGnw?edit) developing ideas around APIs
  - [Aries Presentations](#)

## RFC Progress

### Other Business


- Documentation on the current Indy SDK architecture (Sergey Minaev )
  - <https://github.com/hyperledger/indy-sdk/tree/master/docs/architecture>
  - <https://jira.hyperledger.org/browse/IS-1353>
- Context Handler for Rich Schemas, and POC of improved architecture (Ken Ebert)
- LibAries: library threading models and synchronicity
  - See background [in previous meeting minutes](#)
  - Daniel's analysis of the challenge, and approaches: <https://docs.google.com/document/d/18kHgTsHkSIIW9cackbampv8rxKxNchWyctHnXGyxkls/edit#>
  - Ken's progress on a proposal
- Other LibAries architecture suggestions
  - Daniel Bluhm : <https://hackmd.io/@gjPgYQjMT3azdpSAFgo5PA/HyjVdhVGr>
- Stephen Curran concerns about too much Indy code moving to Aries
  - Should be possible to build an Aries agent without any anoncreds in it
- Next call: Continue the discussion of an Aries core library / Indy split until we have a plan that we can work together to implement.

## Future Topics

- Hubs vs Agents
- Payments in Aries
- wallet query language
- IOT best practices (Robert Mitwicki, Adam Burdett, Lohan Spies)
- DID Resolution W3C and Sam's concerns: <https://github.com/hyperledger/aries-rfcs/issues/130>

## Action items

### Call Recording

File	Modified 
Multimedia File GMT20190814-140208_Community-_1920x1200.mp4	Aug 14, 2019 by Richard Esplin