

2020 Q1 Hyperledger Ursa

Project Health

Ursa is growing in adoption in projects, its feature offering, and contributor diversity. We have released three more versions since last update.

Questions/Issues for the TSC

Releases

v0.3.0 Dec 5 2019

v0.3.1 Jan 22 2020

v0.3.2 Feb 10 2020

Overall Activity in the Past Quarter

- Added key exchange for Curve25519 and K256
- Allowed more methods over FFI
- Allowed more methods over WASM
- Adjusted how features can be included to be more flexible

Current Plans

- Add ECIES encryption
- Add signatures and key exchange for P224, P256, P384, P521
- Implement more FFI for zmix
- Finish designing hardware API
- Implement CDLNT signatures (allows threshold based issuance and verification)
- Add pw_hash methods
- Implement Simplified SWU hash-to-curve

Maintainer Diversity

Current active maintainers

- Mike Lodder (Sovrin Foundation)
- Lovesh Harchandani (Evernym Inc.)
- Brent Zundel (Evernym Inc.)
- Dave Huseby (Linux Foundation)
- Hart Montgomery (Fujitsu)
- Dan Middleton (Intel)
- Cam Parra (Kiva)
- Dan Anderson (Intel)
- Jon Geater (Jitsuin)

Contributor Diversity

Our contributor list has been relatively static, although we are optimistic of adding new contributors in the near future (e.g., for hardware support).

Current Contributors

- Sovrin Foundation
- Evernym, Inc
- Intel
- BCGov
- Iqclusion
- Jitsuin
- Fujitsu

Additional Information

Reviewed by

- Angelo De Caro
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- Troy Ronda