Iroha 2 (preview) Release Candidate 9

Aleksandr Petrosyan

Rust Developer, Iroha 2 Tech Lead
petrosyan@soramitsu.co.jp

SORAMITSU
ソラミツ

Completed

1. New QA process (defect reproduction and MWE generation underway)
2. Foreign function interface for WASM almost complete (99%)
3. New Consensus: testing complete
4. Better UI/UX for genesis block
5. Configuration now has better default handling
6. First major milestone in account restructuring
7. Kagami can create synthetic genesis blocks
8. Bug fixes
9. `iroha_swarm` in review

In Progress

1. Fixing **SignatureCheckCondition**
2. Run-time permission validators implementation
   a. RFC (WIP)
   b. Adding WASM (Done)
   c. Designing common plugin system (WIP)
3. Key-centric account re-structuring
4. Cactus interoperability
5. WASM dynamic linkage
6. Unified configuration interface
7. Run-time upgrades
8. Fixing Ursa

Planned (long term)

1. Hyperledger Cactus integration
2. Hijiri (local reputation system)
3. Offline transactions (needs account restructure)
4. Parachain compatibility (needs account restructure)
5. Transaction fees
6. Bootstrap peers

Thank you for your time!

Aleksandr Petrosyan

Rust Developer, Iroha 2 Tech Lead
petrosyan@soramitsu.co.jp