Iroha 2 (Preview) Release Candidate 3

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Completed and slated for this release!

1. Account restructuring RFC (RC4)
2. Roles no longer optional (RC4)
3. New standard TPS benchmarks (RC4)
4. New integration tests for triggers/roles/permissions (RC4/RC5)
5. Functional testing (17/17) (RC3)
6. Better inner locking (RC4/RC5)
7. Better non-mintable assets (RC4)
8. SDK synchronisation (trigger support)
9. Query pagination (RC4)

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Completed and of interest for SDK developers

10. Sorted collection support in Schemas (RC4)
11. Initial work on Async client (RC4/RC5)
12. RawGenesisBlock builder (RC4)
13. Parity Scale decoder tool
14. Consolidated generation tools (kagami) (RC4/RC5)

In Progress

1. Query filters and pagination
2. Debug 3 high severity actor-related bugs
   a. ~~Deadlock under high load (~~>10tps) more likely to be slow processing
   b. Kura init
   c. Register/unregister peer
3. Key-centric account re-structuring
4. Finalising triggers
   a. Scope
   b. Composable filters

In Progress

5. New serialisation format
   a. Preliminary discussion — done
   b. RFC — in progress
   c. Implementation — in progress
6. Distributed testing in CI
7. Ongoing work on WASM dynamic linkage (RC4/RC5)
8. Aggressive interning of immutable objects

Planned (long term)

1. Hijiri (reputation system)
2. Offline transactions (hardware in tow)
3. Parachain compatibility (needs account restructure)
4. Iroha Python
5. Transaction fees
6. Bootstrap peers

Thank you for your time!

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