Iroha 2 (preview) Release Candidate 7

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Completed

1. Hired Victor
2. Closed PRs (down to 17)
3. Issue template, better triage process
4. Better panics
5. Consolidation of sorting and equality behaviour
6. Block header queries
7. Multiprocess CI testing
8. Reduction of RAM usage (ConstString everywhere)
9. Domain-scoped triggers
10. Streamlined CI/CD
11. Better permissions

In Progress

1. Expression re-structuring
2. Sumeragi optimisation
3. Actor optimisation
4. Key-centric account re-structuring
5. Finalising triggers
   a. performance
   b. data sharing
   c. parametrisation

In Progress

6. Multiprocess CI testing
7. WASM dynamic linkage
8. Reduction of RAM usage (DDD-compression)
9. General code quality improvements
   a. Fewer feature flags
   b. Domain-first module layout
   c. Code layout confusing for first-time contributors.
   d. Enforce more invariants
   e. Better traits
10. First demo

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!

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