



# Iroha 2 pre-RC 10 (internal)

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# Completed

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1. RC10 as **internal release only**
2. Identified duplication bug,
3. Ironing out **p2p** actor kinks (+ backport to LTS)
4. Better handling of **Fixed**
5. Better UX numerical operations and values
6. Iroha now self-reports diagnostics on startup
7. Query for total amount of any given asset (useful for BC: Explorer)
8. Iroha 1 internship done and dusted (presentation to follow)
9. Bug fixes
10. **iroha\_swarm** reviewed. Implementation pending

# Completed

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- 10. Fix block streaming and WebSocket communication
- 11. Permission events emitted for Roles too.
- 12. Zombie genesis bug **re-fixed**
- 13. Better Mutexes
- 14. Blockchain explorer demo
- 15. Generic **Filter** and **Judge** combinators
- 16. CI back online after testing

# In Progress

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1. Run-time permission validators implementation (**on hold**)
  - a. RFC (WIP)
  - b. Designing common plugin system (WIP)
2. Cactus interoperability
  - a. **First PR**
  - b. Deploying the first functional bridge (WIP)
3. **WASM** dynamic linkage (**on hold**)
4. Unified configuration interface:
  - a. **moving objects from config to ISI**
  - b. Consolidating WSV
  - c. Run-time upgrades

# In Progress

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1. Updating tutorial with new features:
  - a. Sorting
  - b. Pagination
  - c. Filtering
  - d. Queries
2. Load script improvements:
  - a. Diverse instructions
  - b. More accurate TPS estimation
  - c. Graceful shutdown
  - d. Dæmon mode

# In Progress

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## 1. UI/UX

- a. Log and ignore pattern
- b. Logging of all error conditions
- c. Actionable feedback on errors
- d. **TriggerExecuted event**

## 2. Profiling

- a. Feedback from users
- b. Testing on the longevity stand
- c. Pushing unit test coverage back to reasonable amounts
- d. Performance regression analysis

## Planned (long term)

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1. Key-centric account re-structuring
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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