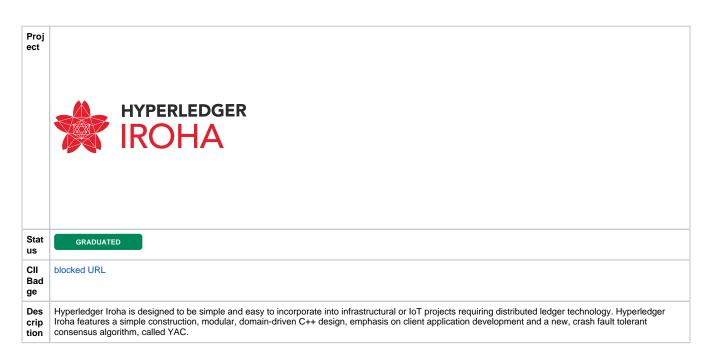
Hyperledger Iroha



Iroha is a distributed ledger project, that aims to provide a development environment where C++ and mobile application developers could contribute to Hyperledger. The project seeks to complement Fabric, Sawtooth, and other potential projects, being a framework with pre-defined set of commands, permissions and gueries that can be used with various client libraries to easily create applications for desktop and mobile platforms.

Iroha is inspired by Japanese *Kaizen* principle — eliminate excessiveness (*muri*). Iroha has essential functionality for asset, information or identity management, at the same time being an efficient and trustworthy byzantine fault-tolerant tool for your enterprise needs.

Key Characteristics

Permissioned network; written in C++; Client libraries in Java, Python, JS, Swift; BFT consensus algorithm YetAnotherConsensus (YAC); ready-to-use set of commands and queries, Multi-signature transactions.

Documentation

- Documentation for Iroha 1 on Read the Docs
- Documentation for Iroha 2 on GitHub
- README for Iroha 1 on GitHub
- README for Iroha 2 on GitHub

Project Management

Proposals can be created in Jira or suggested and discussed in chat. Those who can implement the proposals then write the code. If people want to know what to work on, they can ask in a special contributors chat or create an issue to get attention. Github projects are used to manage release versions.

Repositories

- iroha (core project)
- iroha-python (Python SDK)
- iroha-javascript (JavaScript SDK)
- iroha-java (Java SDK)
- iroha-ios (iOS SDK)
- iroha-ed25519

Archived

- iroha-ametsuchi (flatbuffer database)
- iroha-android (Android SDK)
- iroha-scala (Scala SDK)
- iroha-dotnet (.Net SDK)
- iroha-go

Communication

Mailing List

iroha

Chat (for questions and ephemeral discussions)

Questions are welcome and best asked in Hyperledger Discord. Learn more about Hyperledger Discord here, get the invite and check out one of the many Iroha project channels. Iroha also uses the following platforms:

- Telegram
- Gitter

Meeting

• https://lists.hyperledger.org/g/iroha/calendar - join us for bi-weekly meetings!

Related Pages

• iroha.tech

History

- Proposed by Makoto Takemiya (Soramitsu), Toshiya Cho (Hitachi), Takahiro Inaba (NTT Data), and Mark Smargon (Colu)
 Approved by the TSC on October 13, 2016
- Moved out of Incubation on May 18, 2017
 - Request
 - Approval

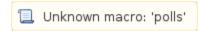
Good first issues

key	summary	type	assignee	priority	status
⚠ JQL configure	and issue key argumented	s for this macro	require at least one Jira	application link to be	

Examples of additions for this page - based on Sara Garifullina request to enliven the page:

	Task lists can	be assigned	user etc.
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Also, charts, galleries, roadmap planner, etc. If you have data or content I can mock up.

Recent space activity



Nurzhan Sakén

2024-04-05 (No meeting, email updates) created Apr 05, 2024



Victor Gridnevsky

2024-03-22 Meeting created Mar 22, 2024 2024-02-23 Meeting updated Feb 23, 2024 view change

2024-01-26 Meeting updated Feb 23, 2024 view change



Grzegorz Bazior

Iroha 1: how to just build on Linux (commands) updated Feb 14, 2024 vie

Space contributors

- Nurzhan Sakén (12 days ago)
- Victor Gridnevsky (26 days ago) Grzegorz Bazior (63 days ago)
- Marin Versic (342 days ago)
- Ry Jones (516 days ago)