Hyperledger Fabric

Hyperledger Fabric is an enterprise-grade permissioned distributed ledger framework for developing solutions and applications. Its modular and versatile design satisfies a broad range of industry use cases. It offers a unique approach to consensus that enables performance at scale while preserving privacy.

Key Characteristics

High-performance, secure, permissioned blockchain network. Code written in Go, chaincode (smart contracts) in Go, Javascript, or Java, SDKs in Node.js, Java, Go, REST and Python.

Development Roadmap

- Hyperledger Fabric Release Roadmap
- Fabric Release Planning Dashboard

Resources

- Welcome to Hyperledger Fabric - Details on how to get started
- Main documentation
- Getting Started for application developers
- Contributing to Fabric and related sub-projects
- Coding Guidelines
- Design docs
- Meeting notes
- Videos on YouTube for Hyperledger Fabric. Includes informational and playbacks. Subscribe to be automatically notified when new videos are posted.
- Getting Started in CI - Debugging CI jobs failures

Project Management

- Jira Dashboard
- Jira Navigation will show you how to see the work in progress and track all issues.

Repository
Releases

- The Hyperledger Fabric Roadmap outlines the themes for the next two releases, and the specific feature JIRA items for the next release.
- Fabric Release Exit Criteria details our release checklist
- Fabric Release Process details the process for cutting a release
- Fabric Release history provides the list of releases
- Fabric Quality Assurance (QA) - Test Strategy, Test cases, and Reports

Links

- Documentation - extensive documentation, tutorials, reference, architectural concepts
- GitHub mirror
- JIRA issues and roadmap
- Stackoverflow Q&A
- RocketChat
- Mailing list
- Fabric Maintainers

Communication

Mailing List

fabric@lists.hyperledger.org

- Subscribe
- Archives

Chat

Hyperledger uses RocketChat, an open source Slack alternative, for communication purposes. Note as with other tools, you will need a Linux Foundation ID to login to our Chat instance.

- #fabric
- #fabric-ca
- #fabric-chaincode-dev
- #fabric-chaintool
- #fabric-ci
- #fabric-ci-scram
- #fabric-connect-a-cloud
- #fabric-crypto
- #fabric-dev-env
- #fabric-documentation
- #fabric-evm
- #fabric-gossip
- #fabric-java-chaincode
- #fabric-kubernetes
- #fabric-ledger
- #fabric-maintainers
- #fabric-orderer
- #fabric-orderer-dev
- #fabric-peer-endorser-committer
- #fabric-playbacks
- #fabric-pr-review
- #fabric-quality
- #fabric-questions
- #fabric-release
- #fabric-samples
- #fabric-scram
- #fabric-sdk
- #fabric-sdk-go
- #fabric-sdk-java
- #fabric-sdk-node
- #fabric-sdk-py

Meetings
Discussions are conducted on the fabric@lists.hyperledger.org (see above) mailing list and in Rocket Chat, to allow for community-wide participation.

Playbacks are conducted for contributors to show regular progress and get feedback from the community. Agenda and dates can be found here.

Past meeting recordings can be found in the Hyperledger Fabric Meeting Recordings folder.

There is a bi-weekly maintainers meeting every other Wednesday at 9 am ET held to review progress against a release and to do release planning and epic proposal reviews. Please consult the community calendar.

History

- Proposed by Christopher Ferris (IBM) and Tamas Blummer (DAH)
- Approved by the TSC on March 31, 2016
- Moved out of Incubation on March 2, 2017 - Request, TSC Approval

Recent space activity

- Hirofumi Fujie
  Japanese Documentation Working Group updated about 10 hours ago • view change

- Tsubasa Kondou
  Japanese Documentation Working Group updated about 10 hours ago • view change

- Satoshi Nishisinta
  Japanese Documentation Working Group commented about 13 hours ago

- Satomi Tsujita
  Japanese Documentation Working Group updated about 14 hours ago • view change
  Japanese Documentation Working Group commented about 14 hours ago

Space contributors

- Hirofumi Fujie (10 hours ago)
- Tsubasa Kondou (10 hours ago)
- Satomi Tsujita (13 hours ago)
- Tatsuya Sato (19 hours ago)
- Yuki Kondo (2 days ago)
- ...

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