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

fabirc@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-scrum
- #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-scrum
- #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**

- Aneena Alexander
  Malayalam Documentation Working Group updated about 6 hours ago • view change

- David Enyeart
  Contributor Meetings 2020 updated about 13 hours ago • view change

- Paul O'Mahony
  Agendas: Fabric Application Developer Community Call Meetings commented yesterday at 12:54 PM

- Satomi Tsujita
  Meetings by JPDWG updated yesterday at 4:01 AM • view change

- David Enyeart
  Testing with Fabric binaries updated yesterday at 1:14 AM • view change

**Space contributors**

- Aneena Alexander (6 hours ago)
- David Enyeart (13 hours ago)
- Satomi Tsujita (1 day ago)
- Ry Jones (1 day ago)
- Camilo Molano (2 days ago)
- ...

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