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-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.
- 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**

- Anthony O’Dowd
  - 2020 03 13 DWG Agenda updated Mar 13, 2020 • view change
- Nikhil Gupta
  - 2020 03 13 DWG Agenda updated Mar 13, 2020 • view change
- Pam Andrejko
  - 2020 03 13 DWG Agenda updated Mar 12, 2020 • view change
- Anthony O’Dowd
  - 2020 03 20 DWG Agenda created Mar 12, 2020
- David Enyeart
  - Contributor Meetings updated Mar 10, 2020 • view change

**Space contributors**

- Anthony O’Dowd (2 days ago)
- Nikhil Gupta (3 days ago)
- Pam Andrejko (3 days ago)
- David Enyeart (5 days ago)
- Marcus Brandenburger (10 days ago)
- ...