Hyperledger Fabric is an implementation of blockchain technology, leveraging familiar and proven technologies. Fabric is an enterprise grade permissioned distributed ledger platform that offers the modularity and versatility to satisfy a broad set of industry use cases ranging from finance, to healthcare, to supply-chain and more.

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.

Project Management

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

Repository

- Gerrit - Main 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, Testcases, 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.

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

- **Hamesh Babu**
  - Getting Started with Fabric CI updated Jul 17, 2019 • view change

- **Morgan Bauer**
  - Meeting Agenda updated Jul 17, 2019 • view change

- **tong li**
  - 20190711 Meeting commented Jul 12, 2019

- **david dornseifer**
  - 20190711 Meeting commented Jul 12, 2019

- **Shan Yu**
  - 20190711 Meeting commented Jul 12, 2019

Space contributors

- **Ramesh Babu** (4 days ago)
- **Morgan Bauer** (4 days ago)
- **Paul O'Mahony** (10 days ago)
- **tong li** (10 days ago)
- **Baohua Yang** (17 days ago)
- ...