Hyperledger Fabric is intended as a foundation for developing applications or solutions with a modular architecture. Hyperledger Fabric allows components, such as consensus and membership services, to be plug-and-play. 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.

Resources

- Main documentation
- Getting Started for application developers
- Contributing to Fabric and related sub-projects
- Design docs
- 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

- GitHub board

Repository
- fabric GitHub repository
- Sub-project and related repositories

Releases

- The Hyperledger Fabric Roadmap outlines the next release themes.
- Fabric Release Exit Criteria details our release checklist
- Fabric Release history provides the list of releases

Links

- Documentation - extensive documentation, tutorials, reference, architectural concepts
- 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.
- Contributor meetings occur every two weeks
- Past meeting recordings can be found in the Hyperledger Fabric Meeting Recordings folder.
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

David Boswell
2022 03 18 DWG Agenda updated about 8 hours ago • view change

Josh Horton
2022 03 18 DWG Agenda updated yesterday at 6:49 PM • view change

David Enyeart
Fabric Strategic Priorities - 2021 discussion updated Mar 11, 2022 • view change
Hyperledger Fabric Roadmap updated Mar 11, 2022 • view change

Josh Horton
2022 02 18 DWG Agenda updated Feb 18, 2022 • view change

Space contributors

- David Boswell (7 hours ago)
- Josh Horton (1 day ago)
- David Enyeart (5 days ago)
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- Mark S. Lewis (299 days ago)
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