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.

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

Josh Horton
2022 02 18 DWG Agenda updated Feb 18, 2022 • view change
Meetings updated Feb 14, 2022 • view change
Documentation Working Group updated Feb 14, 2022 • view change
2022 02 11 DWG Agenda commented Feb 10, 2022

David Boswell
Documentation Working Group updated Feb 09, 2022 • view change

Space contributors

- David Enyeart (19 days ago)
- Ry Jones (263 days ago)
- Mark S. Lewis (276 days ago)
- Marcus Brandenburger (313 days ago)
- Michael Steiner (423 days ago)
- ...