Hyperledger Fabric

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
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
- Discord
- Mailing list
- Fabric Maintainers

Communication

Mailing List

fabric@lists.hyperledger.org

- Subscribe
- Archives

Chat

Hyperledger uses Discord for communication purposes. Look for the following channels and several others:

- fabric
- fabric-code-contributors
- fabric-samples

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 Enyeart

Contributor Meetings 2022 updated Dec 14, 2022 • view change

Marcus Brandenburger

Hyperledger Fabric Private Chaincode updated Nov 29, 2022 • view change

Space contributors

- David Enyeart (13 days ago)
- Marcus Brandenburger (28 days ago)
- Matthew White (90 days ago)
- schriftarten 123 (178 days ago)
- Josh Horton (200 days ago)
- ...
Fabric Strategic Priorities - 2021 discussion updated
Nov 16, 2022 • view change

Matthew White
Ecosystem updated Sep 28, 2022 • view change