

Hyperledger Vienna Meetup #6: Identity for All

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Hyperledger



Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration including leaders in finance, banking, Internet of Things, supply chains, manufacturing and Technology. The Linux Foundation hosts Hyperledger under the foundation.

The Linux Foundation®



The Linux Foundation is the organization of choice for the world's top developers and companies to build ecosystems that accelerate open technology development and commercial adoption. Together with the global technology community, The Linux Foundation is solving the world's hardest problems through open source and creating the largest shared technology investment in history. Founded in 2000, The Linux Foundation today provides tools, training and events to scale any open source project, which together deliver an economic impact not achievable by any one company.

Hyperledger Goals

Where open source teams build diverse approaches for business blockchain technology systems





to support business transactions



Provide neutral, open, & community-driven infrastructures

supported by technical and business governance



Build technical communities

to develop blockchain and shared ledger POCs, use cases, field trials and deployments



Educate the public

about the market opportunity for blockchain technology



Promote our community of communities

taking a toolkit approach with many platforms and frameworks





Hyperledger Overview



Frameworks











Permissionable smart contract machine (EVM)

Permissioned with channel support Decentralized identity

Mobile application focus

Permissioned & permissionless support; EVM transaction family

Tools











Blockchain framework benchmark platform As-a-service deployment

Model and build blockchain networks View and explore data on the blockchain Ledger interoperability

Hyperledger Update

- Backed by support of 270 organizations (as of Sep 2018)
- Partnership between Enterprise Ethereum Alliance and Hyperledger to advance the global Blockchain business ecosystem (Oct 2018)
- Professional certifications for Hyperledger Fabric and Hyperledger Sawtooth

Hyperledger Project News

- Hyperledger Fabric 1.2 release (Jul 2018)
 - Channel private data
- Hyperledger Fabric 1.3 release (Oct 2018)
 - Java chaincode support (on most platforms)
 - Identity Mixer for anonymous transactions
- Hyperledger Composer announcement