

2020 Projects

Title	Difficulty	Status	Title
Towards Blockchain Interoperability with Hyperledger	HIGH	COMPLETED	Towards Blockchain Interoperability with Hyperledger
Ease endorsement operations for Hyperledger based products (EasyDoser)	MEDIUM	COMPLETED	A simpler and easy way to handle endorsement policies with Hyperledger Fabric based products
HL Iroha and HL Quilt Integration	MEDIUM	COMPLETED	We will be enabling interoperability between HL Quilt and HL Iroha
Git Commit Signing with DID's, Part Deux	HIGH	COMPLETED	Git commit signing with DID's – The second signing
Create a new Solidity Language Server (SLS) using Solang Compiler	HIGH	COMPLETED	Create a new Solidity Language Server (SLS) using Solang Compiler
Scaling Experiments with Hyperledger Umbra	MEDIUM	COMPLETED	Scaling Experiments with Hyperledger Umbra
Build a university course on Hyperledger Fabric using Hyperledger Umbra	HIGH	COMPLETED	Build a university course on Hyperledger Fabric using Hyperledger Umbra
Operate and govern blockchain networks in decentralized way	MEDIUM	COMPLETED	Operate and govern blockchain networks in decentralized way
Secure DID Registry on Github/Gitlab for Hyperledger Frameworks	MEDIUM	COMPLETED	Utility to create a Secure DID Registry on Github/Gitlab for Hyperledger Frameworks
Add interactive examples to Fabric Python SDK	MEDIUM	COMPLETED	Add interactive examples to Fabric Python SDK
A fully distributed citizens pulse platform for state /city councils - with Hyperledger Fabric	MEDIUM	COMPLETED	Build a distributed platform for citizens to collaborate in a region implemented on Hyperledger Fabric
Pluggable mechanism for StateDB and Ledger Files using MongoDB	MEDIUM	CANCELLED	Pluggable mechanism for StateDB and Ledger Files using MongoDB
Reworking WSV Storage	HIGH	CANCELLED	In this project mentor and mentee will work on researching the best options and refactoring the WSV storage
Rework Data Model Tests of HL Iroha	LOW	CANCELLED	Rework the tests according to an existing plan and having examples to follow.
Create K8 / openshift operators for Besu	MEDIUM	COMPLETED	Create K8 / openshift operators for Besu
Reworking HL Iroha Consensus API	MEDIUM	COMPLETED	We will enable Iroha to easily use different consensus modules by creating a proper API.
Making HL Iroha Data Model Modular for Interoperability with Other Projects	HIGH	COMPLETED	We will be separating data model, so we could share our tech with other projects
Adding Network Fuzzing Capabilities to Hyperledger Umbra	HIGH	COMPLETED	Adding network fuzzing capabilities to Hyperledger Umbra