

Hyperledger Fabric Developer Community



Welcome !



Hyperledger Chat

<https://chat.hyperledger.org/channel/>

#fabric-chaincode-dev

#fabric-sdk-go

#fabric-sdk-java

#fabric-sdk-node

<https://twitter.com/Hyperledger>

<https://github.com/hyperledger/fabric>

<https://github.com/hyperledger/fabric-samples>

Developing Apps: https://hyperledger-fabric.readthedocs.io/en/latest/developapps/developing_applications.html

Call Recordings & Slides: <https://wiki.hyperledger.org/display/fabric/Community-Call-Recordings>

Topics for today



- ◉ New Programming Model - Pluggable Event Handlers (Blocks, Chaincode, Trxn)
- **Liam Grace** Info: <https://jira.hyperledger.org/browse/FABN-1100>
- ◉ New Programming Model – Pluggable Query Handlers – **Mark Lewis**
Info: <https://jira.hyperledger.org/browse/FABN-1094>
- ◉ Intro to Debugging your Smart Contracts in 1.4 (Intro) – **Rob Thatcher**
- ◉ How/Where to get started with 1.4 new prog model samples – **Paul O'Mahony**
- ◉ Questions ?

OTHER RESOURCES:

- ◉ Fabric Programming Model Info (that came in with Node JS) - JIRA references:
 - ◉ <https://jira.hyperledger.org/projects/FABN/issues/FABN-692> and
 - ◉ <https://jira.hyperledger.org/browse/FAB-11246>



Fabric Samples & Related Tutorials

- ◉ **Samples**: Fabric Samples using the new Programming Model - *'hands-on with simple samples'*

<https://github.com/hyperledger/fabric-samples/tree/release-1.4/>

- ◉ COMMERCIAL PAPER - <https://github.com/hyperledger/fabric-samples/tree/release-1.4/commercial-paper/> (JavaScript)
- ◉ FABCAR - <https://github.com/hyperledger/fabric-samples/tree/release-1.4/fabcar/> (JavaScript and Typescript)

- ◉ **Tutorials**: 3-part series using the new Programming Model (Contract API, SDK) – *'explore a meaty use case'*

Commercial Paper tutorial – 3 part tutorial 'set' (Node JS)

- Running the Commercial paper sample

<https://developer.ibm.com/tutorials/run-commercial-paper-smart-contract-with-ibm-blockchain-vscode-extension/>

- Enhance Commercial Paper Contract, add query functionality, provide asset history reporting

<https://developer.ibm.com/tutorials/queries-commercial-paper-smart-contract-ibm-blockchain-vscode-extension/>

- Add further Query function: 'Deltas' queries – only return dataset results for 'Deltas', provide history of changes (reporting)

<https://developer.ibm.com/tutorials/add-further-query-functionality-using-the-ibp-vscode-extension/>

- ◉ **Quick Start**: How to develop a simple contract quickly using VSCode – *'start out with a simple project'*

- ◉ Tutorial & Videos: <https://developer.ibm.com/tutorials/ibm-blockchain-platform-vscode-smart-contract/>

We welcome your feedback on Samples, Tutorials – feel free to try build your own Samples and share your links with the Community

Further Links



- ◉ **Documentation (Fabric Developer)**

- ◉ https://hyperledger-fabric.readthedocs.io/en/latest/developapps/developing_applications.html

You'll find links to our RocketChat channel, Stack Overflow and Github on this site FYI – listed below for convenience

- ◉ **Chat (RocketChat)**

<https://chat.hyperledger.org/channel/>

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- ◉ **Questions & Open Community Support >>**

Contracts: <http://stackoverflow.com/questions/tagged/hyperledger-fabric>

SDK: <http://stackoverflow.com/questions/tagged/hyperledger-fabric-sdk-js>

(ie '-language suffix')

- ◉ **Follow us on Twitter >>** <https://twitter.com/hyperledger>