Hyperledger Fabric Developer Community

Welcome !

HYPERLEDGER FABRIC

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

HYPERLEDGER

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

Topics for today

AGENDA:

- **New Programming Model: Java Contracts APIs (in progress) – Matthew White**
  - **For further info: https://jira.hyperledger.org/browse/FAB-13754**

- **New Programming Model: Java SDK (in progress) – Andrew Coleman**
  - **For further info: https://jira.hyperledger.org/browse/FABJ-400**

- **Demo – accessing Composer biz networks:**
  - **porting to new 1.4 programming model & reference info – Rob Thatcher**

- **Tutorials – how to get started with 1.4 new prog model samples – Paul O'Mahony**

- **Questions ?**

RESOURCES:

- Fabric Programming Model (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

Developer Tutorials & Samples

- **Fabric Samples**

  https://github.com/hyperledger/fabric-samples/tree/release-1.4/
  - Commercial Paper sample, fabcar (use new programming model and structure), etc.

- **NodeJS Tutorials using new Programming Model (both 1.4 Fabric Contract APIS and SDK features)**

  <u>Commercial Paper tutorial – 3 part series using new Programming Model</u>
  - **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/

- **Chat & Support:** https://chat.hyperledger.org/channel/ - main channels are:

      #fabric-chaincode-dev
      #fabric-sdk-go
      #fabric-sdk-java
      #fabric-sdk-node

- **Questions:** **Contracts:** **http://stackoverflow.com/questions/tagged/hyperledger-fabric**
  SDK: **http://stackoverflow.com/questions/tagged/hyperledger-fabric-sdk-js** **(ie language suffix)**

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

Thank you !

- Ensure you sign up to the **Composer Community** for the latest news

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  https://lists.hyperledger.org/mailman/listinfo/hyperledger-composer

  or, via email, send a message with subject or body 'help' to
  hyperledger-composer-request@lists.hyperledger.org

  You can reach the person managing the list at
  hyperledger-composer-owner@lists.hyperledger.org

Merry Christmas and Happy New Year!