



Welcome !



Fabric Application Developer Community Call

Thurs Aug 6th 2020



Agenda



Today's Agenda :

- **Technology Preview: using Rust Smart Contracts running in a Webassembly (WASM) Chaincode** - Matthew White (Fabric Maintainer)
 - Getting Started (using MicroFab) <https://hyperledger.github.io/fabric-contract-api-rust/guides/getting-started-microfab.html>
 - Github: <https://github.com/hyperledger/fabric-contract-api-rust/blob/master/README.md>
 - Getting Started (stand up a local fabric): <https://hyperledger.github.io/fabric-contract-api-rust/guides/getting-started.html>
- AOB

Note: Links to RUST samples (and other), resources from any previous calls are shared on: <https://wiki.hyperledger.org/display/fabric/Resources%3A+Fabric+App+Developer+Community>

Community Chat



- **Developer Chat (RocketChat) – channel names for posting:**

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

#fabric-chaincode-dev

#fabric-java-chaincode

#fabric-sdk-node

#fabric-sdk-java

#fabric-sdk-go

Community Support



- **Questions & Open Community Support (Stack Overflow, Mailing List, Twitter)**

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

SDKs: <http://stackoverflow.com/questions/tagged/hyperledger-fabric-sdk-js>
(etc ie add 'language suffix')

Twitter: <https://twitter.com/hyperledger>

Mailing List: details next page

Application Developer Community Support (Mailing List)



- **Hyperledger Mailing List**

To subscribe or unsubscribe, visit
<https://lists.hyperledger.org/g/fabric>

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

Lists (Subgroups): <https://lists.hyperledger.org/g/main>

Help: fabric+help@lists.hyperledger.org

You can change your settings once you log in at
<https://lists.hyperledger.org/g/main>

Further Links



- **Fabric Developer - Community Home Page**

<https://wiki.hyperledger.org/display/fabric/Fabric+Application+Developer+Community+Calls>

- **Fabric Developer Community – resources**

<https://wiki.hyperledger.org/display/fabric/Resources%3A+Fabric+App+Developer+Community>

- Developing Applications using Hyperledger Fabric** (using the new programming model)

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

- Fabric Application Developer samples (Contracts, SDK, Tutorials):**

- **Fabric samples Repo (eg Commercial Paper, Fabcar):** : <https://github.com/hyperledger/fabric-samples/tree/release-1.4/>
- **'Animal Tracking' TypeScript sample Contract/App Client (1.4)** <https://github.com/mahoney1/animaltracking> **with**
- **Tutorial:** <https://github.com/mahoney1/docs/blob/master/animaltracking-tutorial.md>

- Go developer API (prototype) example** - (see README): <https://github.com/awjh-ibm/fabric-go-developer-api>

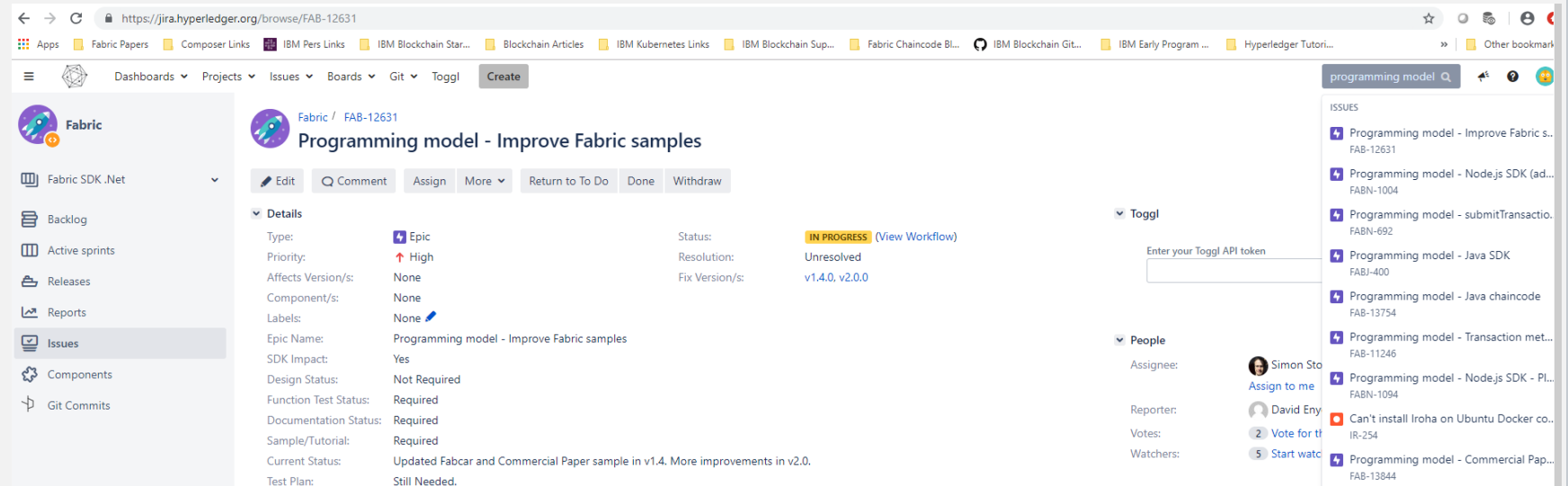
- Resources, tips and best practices** to share with the community

<https://github.com/ampretia/fabric-application-examples>

Fabric Team encourages you to review/comment on current Fabric JIRAs (ie stories, epics, requests relating to work-in-progress)

Eg. JIRA search - 'programming model' – (results below)

JIRAs – feel free to comment, give your input



The screenshot shows a JIRA issue page for 'Programming model - Improve Fabric samples' (ID FAB-12631). The issue is categorized as an Epic with a High priority. The status is 'IN PROGRESS' and it is currently 'Unresolved'. The fix versions are v1.4.0 and v2.0.0. The issue details include: Type: Epic, Priority: High, Affects Version/s: None, Component/s: None, Labels: None, Epic Name: Programming model - Improve Fabric samples, SDK Impact: Yes, Design Status: Not Required, Function Test Status: Required, Documentation Status: Required, Sample/Tutorial: Required, Current Status: Updated Fabcar and Commercial Paper sample in v1.4. More improvements in v2.0., and Test Plan: Still Needed.

The right sidebar shows a search for 'programming model' with a list of related issues:

- Programming model - Improve Fabric s... FAB-12631
- Programming model - Node.js SDK (ad... FABN-1004
- Programming model - submitTransactio... FABN-692
- Programming model - Java SDK FABJ-400
- Programming model - Java chaincode FAB-13754
- Programming model - Transaction met... FAB-11246
- Programming model - Node.js SDK - Pl... FABN-1094
- Can't install Iroha on Ubuntu Docker co... IR-254
- Programming model - Commercial Pap... FAB-13844

Reference



New Programming Model (1.4.x) :

- JIRA references - Fabric Programming Model Info:
 - <https://jira.hyperledger.org/projects/FABN/issues/FABN-692>
 - <https://jira.hyperledger.org/browse/FAB-11246>

THANKS!



CIAO FOR NOW!

