



Welcome !



Fabric Application Developer Community Call

November 28th 2019



Agenda



Today's Agenda :

- **New Programming Model – Contract API for Go (Andy H)**

Code: <https://github.com/hyperledger/fabric-contract-api-go>

Docs: <https://godoc.org/github.com/hyperledger/fabric-contract-api-go>

The screenshot shows the GoDoc interface for the 'fabric-contract-api-go' package. At the top, there are navigation links for 'GoDoc', 'Home', and 'About'. Below that, the package name and its GitHub repository path are displayed. The main section is titled 'Directories' and contains a table with two columns: 'Path' and 'Synopsis'. The table lists several sub-directories: 'contractapi', 'contractapi/utlis', 'internal', 'internal/types', 'internal/utlis', 'metadata', and 'serializer'.

Path	Synopsis
contractapi	
contractapi/utlis	
internal	
internal/types	
internal/utlis	
metadata	
serializer	

(‘FabricContractAPIs for Go’ is targeted to work with Fabric 2.0 release)

- **AOB**

Community Support



- **Questions & Open Community Support (Stack, 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 'language suffix')

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

Mailing List: details next page

Community Chat



- **Developer Chat (RocketChat) – channel names**

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

#fabric-chaincode-dev

#fabric-sdk-node

#fabric-sdk-java

#fabric-sdk-go

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/Fabric+App+Developer%3A+New+Programming+Model+resources>

- 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>

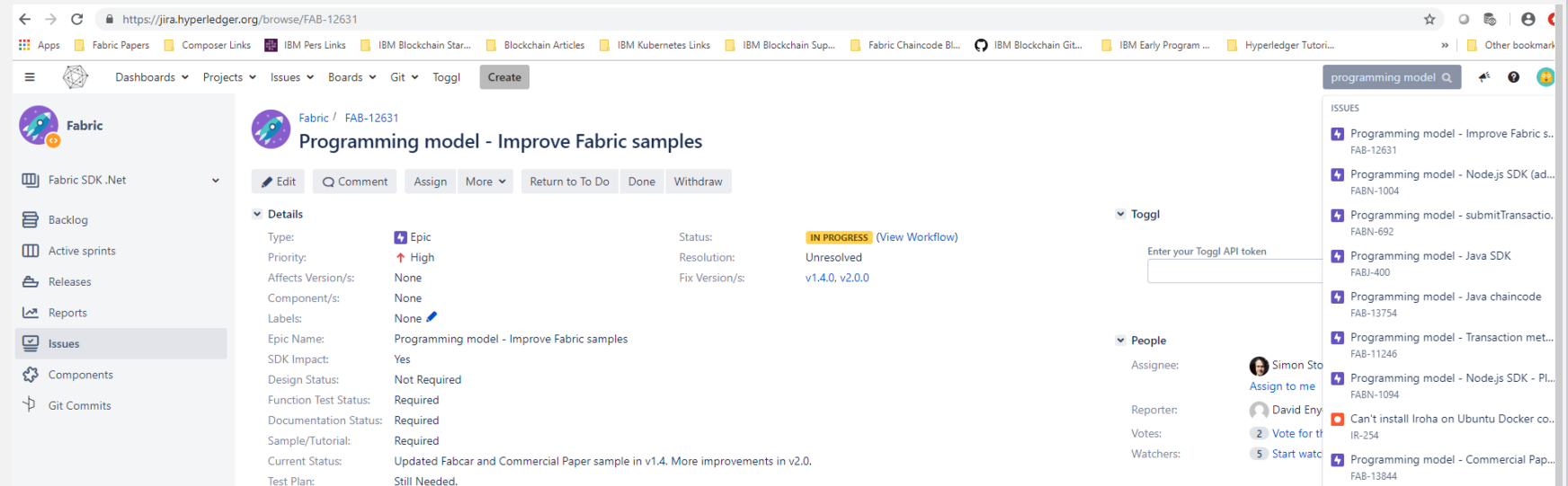
- Resources, tips and best practices** to share with the community

<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 currently in the 'IN PROGRESS' state. The page includes a left sidebar with navigation options like 'Backlog', 'Active sprints', and 'Issues'. The main content area displays the issue details, including its type (Epic), priority (High), and various status fields. A right sidebar shows a list of related issues under the search term 'programming model'.

Field	Value
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.
Test Plan	Still Needed.
Status	IN PROGRESS (View Workflow)
Resolution	Unresolved
Fix Version/s	v1.4.0, v2.0.0

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 - PI... 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 !

