

Hyperledger Composer

admin

Web hardware assets

DefineTest

admin

PARTICIPANTS

Employee

ASSETS

Hardware


TRANSACTIONS

All Transactions

Submit Transaction

Asset registry for com.kpbird.Hardware

+ Create New Asset

ID	Data
	

This registry is empty!

To create resources in this registry click create now at the top of this page

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Asset registry for com.kpbird.Hardware

+ Create New Asset

ID	Data
MAC01	<div><pre>{ "className": "com.kpbird.Hardware", "hardwareId": "MAC01", "name": "MAC Book Pro 2015", "type": "Laptop", "description": "..." }</pre></div> <div>Show All</div>

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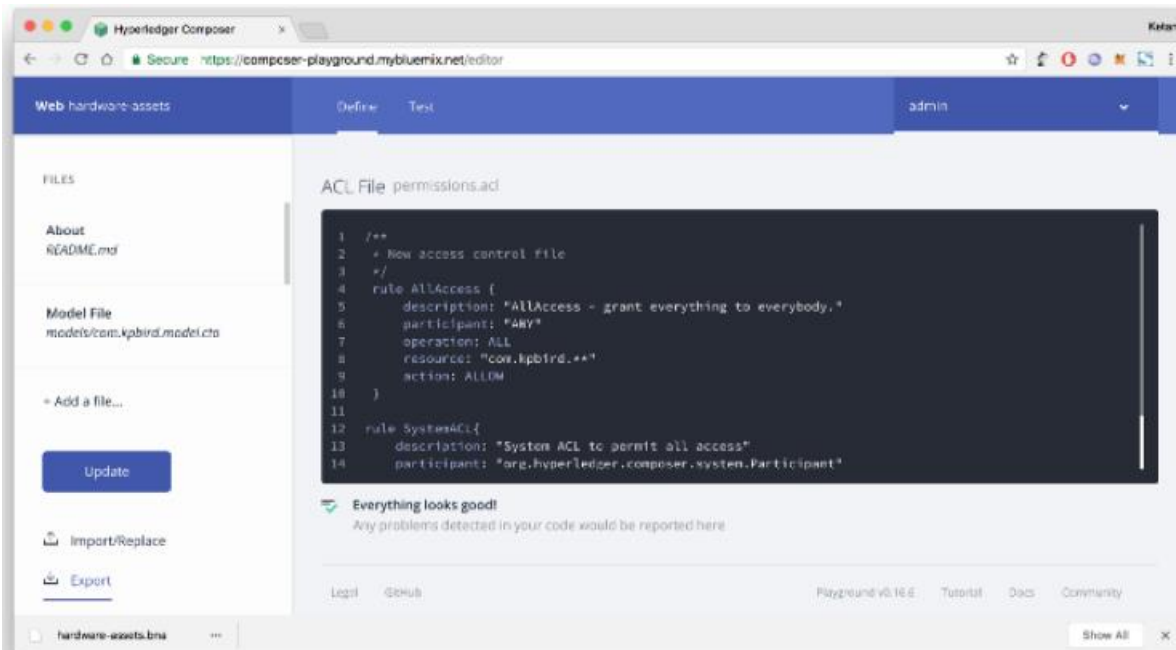
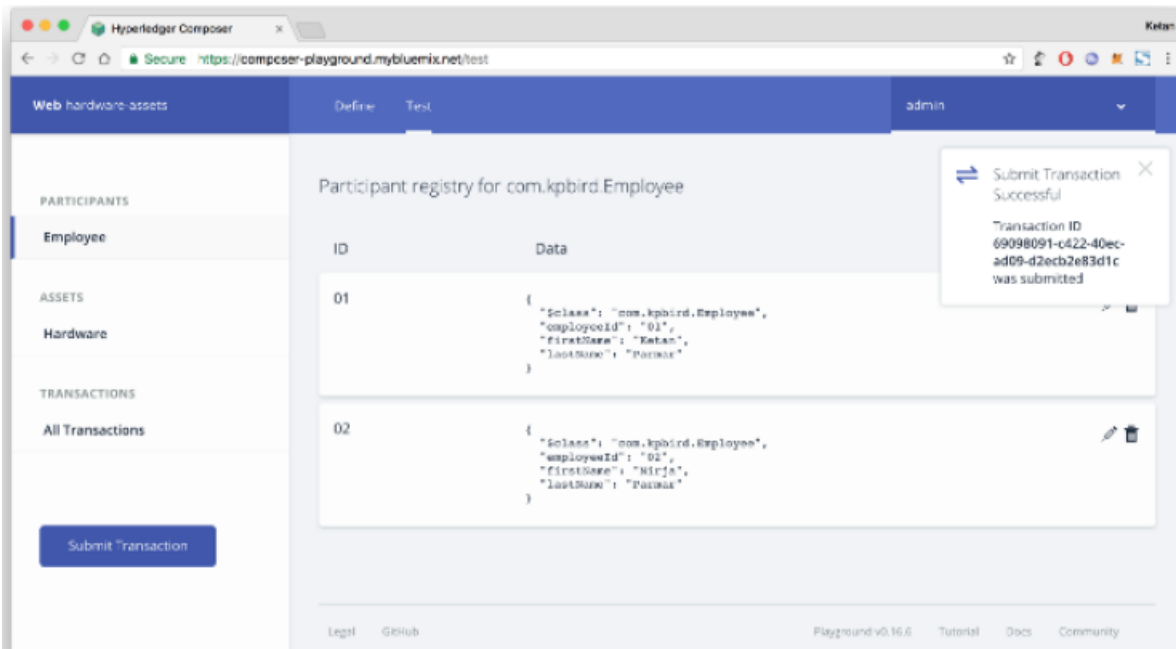
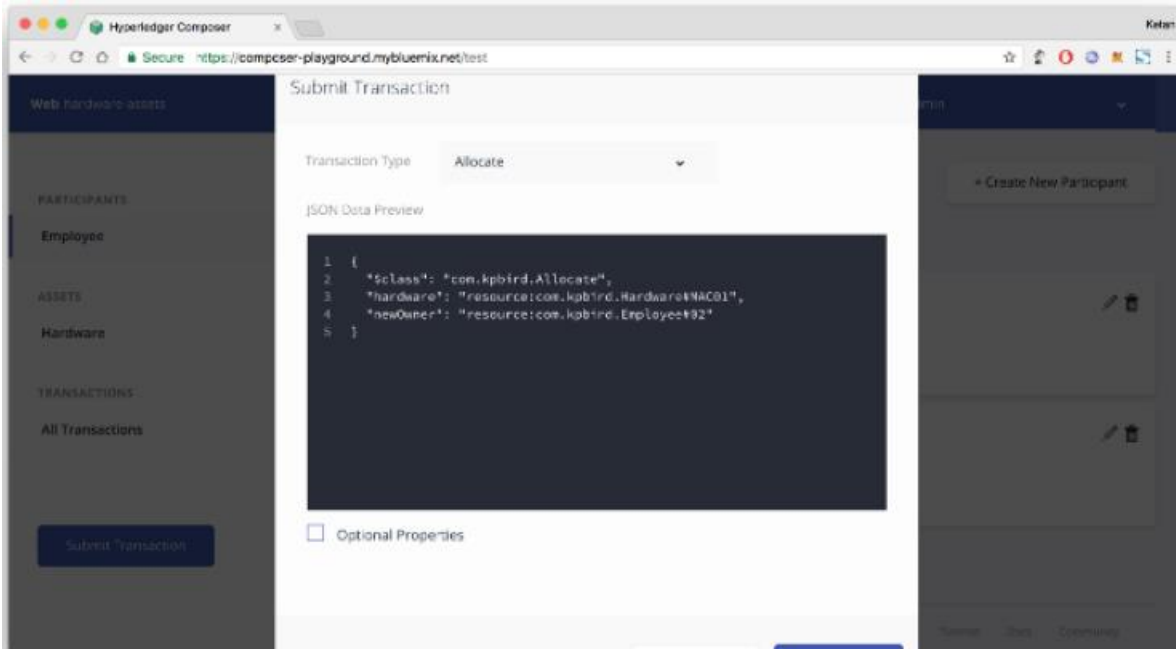
Submit Transaction

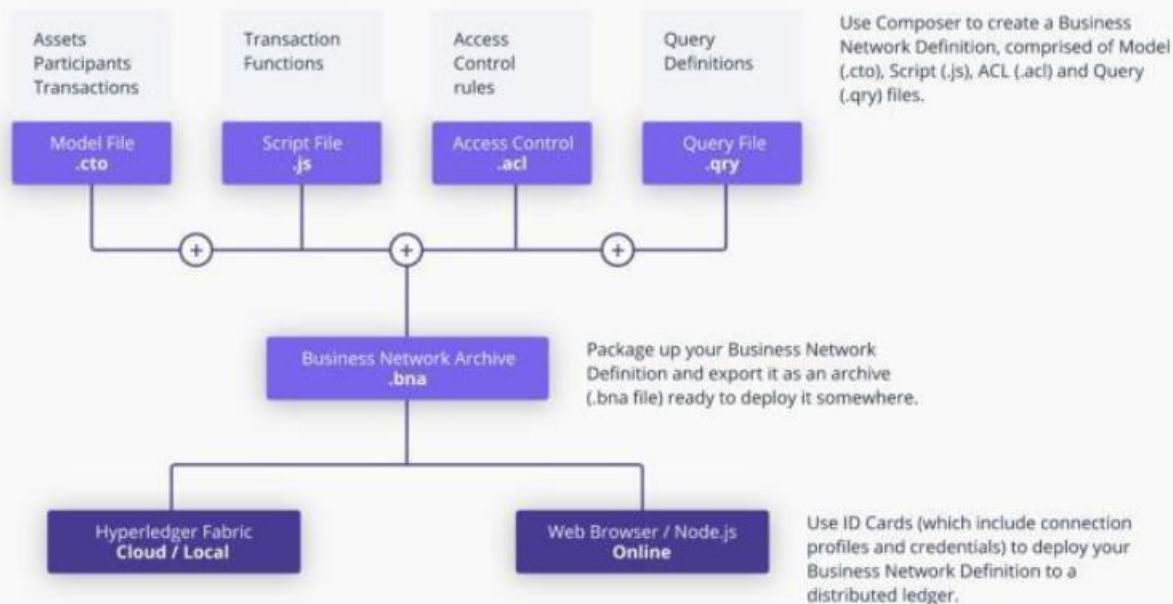
Participant registry for com.kpbird.Employee

+ Create New Participant

ID	Data
01	<div><pre>{ "className": "com.kpbird.Employee", "employeeId": "01", "firstName": "Ketan", "lastName": "Patkar" }</pre></div>
02	<div><pre>{ "className": "com.kpbird.Employee", "employeeId": "02", "firstName": "Niraj", "lastName": "Patkar" }</pre></div>

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```
Ketan-Parmar:fabric-tools ketan$ composer network start --card PeerAdmin@hlfv1 --networkAdmin admin --networkAdminEnrollSecret adminpw --archiveFile /Users/ketan/Downloads/hardware-assets.bna --file networkadmin.card
Starting business network from archive: /Users/ketan/Downloads/hardware-assets.bna
Business network definition:
  Identifier: hardware-assets@0.0.1
  Description: Hardware Assets will maintain Software company's hardware

Processing these Network Admins:
  userName: admin

✓ Starting business network definition. This may take a minute...
Successfully created business network card:
  Filename: networkadmin.card

Command succeeded
```

```
Ketan-Parmar:fabric-tools ketan$ composer-rest-server
[?] Enter the name of the business network card to use: admin@hardware-assets
[?] Specify if you want namespaces in the generated REST API: always use namespaces
[?] Specify if you want to enable authentication for the REST API using Passport: No
[?] Specify if you want to enable event publication over WebSockets: Yes
[?] Specify if you want to enable TLS security for the REST API: No
```

To restart the REST server using the same options, issue the following command:

```
composer-rest-server -c admin@hardware-assets -n always -w true
```

```
Discovering types from business network definition ...
Discovered types from business network definition
Generating schemas for all types in business network definition ...
Generated schemas for all types in business network definition
Adding schemas for all types to Loopback ...
Added schemas for all types to Loopback
Web server listening at: http://localhost:3000
Browse your REST API at http://localhost:3000/explorer
```


Hyperledger Composer REST server		
com_kpbird_Allocate : A transaction named Allocate		
GET	/com.kpbird.Allocate	Find all instances of the model matched by filter from the data source.
POST	/com.kpbird.Allocate	Create a new instance of the model and persist it into the data source.
GET	/com.kpbird.Allocate/{id}	Find a model instance by {id} from the data source.
com_kpbird_Employee : A participant named Employee		
GET	/com.kpbird.Employee	Find all instances of the model matched by filter from the data source.
POST	/com.kpbird.Employee	Create a new instance of the model and persist it into the data source.
GET	/com.kpbird.Employee/{id}	Find a model instance by {id} from the data source.
HEAD	/com.kpbird.Employee/{id}	Check whether a model instance exists in the data source.
PUT	/com.kpbird.Employee/{id}	Replace attributes for a model instance and persist it into the data source.
DELETE	/com.kpbird.Employee/{id}	Delete a model instance by {id} from the data source.
com_kpbird_Hardware : An asset named Hardware		
GET	/com.kpbird.Hardware	Find all instances of the model matched by filter from the data source.
POST	/com.kpbird.Hardware	Create a new instance of the model and persist it into the data source.

Hyperledger Composer REST server		
PUT	/com.kpbird.Employee/{id}	Replace attributes for a model instance and persist it into the data source.
DELETE	/com.kpbird.Employee/{id}	Delete a model instance by {id} from the data source.
com_kpbird_Hardware : An asset named Hardware		
GET	/com.kpbird.Hardware	Find all instances of the model matched by filter from the data source.
POST	/com.kpbird.Hardware	Create a new instance of the model and persist it into the data source.
GET	/com.kpbird.Hardware/{id}	Find a model instance by {id} from the data source.
HEAD	/com.kpbird.Hardware/{id}	Check whether a model instance exists in the data source.
PUT	/com.kpbird.Hardware/{id}	Replace attributes for a model instance and persist it into the data source.
DELETE	/com.kpbird.Hardware/{id}	Delete a model instance by {id} from the data source.
System : General business network methods		
GET	/system/historian	Get all Historian Records from the Historian
GET	/system/historian/{id}	Get the specified Historian Record from the Historian
GET	/system/identities	Get all identities from the identity registry
GET	/system/identities/{id}	Get the specified identity from the identity registry