

Hyperledger Composer Installation Instructions

(Note, check the latest support information) Note that windows is not supported.

== Check for Prerequisites <https://hyperledger.github.io/composer/latest/https://hyperledger.github.io/composer/latest/installing/installing-prereqs.html>

- For Ubuntu

```
curl -O https://hyperledger.github.io/composer/latest/prereqs-ubuntu.sh  
  
chmod u+x prereqs-ubuntu.sh
```

- For Mac

```
curl -o- https://raw.githubusercontent.com/creationix/nvm/v0.33.0/install.sh | bash
```

Restart terminal again

```
nvm install --lts
```

Go to <https://docs.docker.com/docker-for-mac/install/#download-docker-for-mac>

== Dev environment

```
npm install -g composer-cli
```

```
npm install -g composer-rest-server
```

```
npm install -g generator-hyperledger-composer
```

```
npm install -g yo
```

```
npm install -g composer-playground
```

Install visual studio code

== Fabric install

```
mkdir ~/fabric-tools && cd ~/fabric-tools
```

```
curl -O https://raw.githubusercontent.com/hyperledger/composer-tools/master/packages/fabric-dev-servers/fabric-dev-servers.tar.gz
```

```
tar -xvf fabric-dev-servers.tar.gz
```

```
cd ~/fabric-tools
```

```
./downloadFabric.sh
```

```
./startFabric.sh
```

```
# ./createPeerAdminCard.sh # DO NOT DO THIS RIGHT NOW
```

composer-playground

== Dev Tutorial

yo hyperledger-composer:businessnetwork

Edit files for model, logic and permissions

composer archive create -t dir -n .

composer network install --card PeerAdmin@hlfv1 --archiveFile tutorial-network@0.0.1.bna

composer network start --networkName tutorial-network --networkVersion 0.0.1 --networkAdmin
admin --networkAdminEnrollSecret adminpw --card PeerAdmin@hlfv1 --file networkadmin.card

composer card import --file networkadmin.card

composer network ping --card admin@tutorial-network

composer-rest-server

admin@tutorial-network as the card name.

select all others as default