

可参考本人 CSDN 博客：[https://blog.csdn.net/leehom\\_/article/details/82081026](https://blog.csdn.net/leehom_/article/details/82081026)

## 1. Go 环境安装

```
sudo tar -C /home/leehom -xzf go1.9.3.linux-amd64.tar.gz
```

```
vim .bashrc
```

加入环境变量

```
export PATH=$PATH:/home/leehom/go/bin
```

```
export GOROOT=/home/leehom/go
```

```
export GOPATH=$HOME/go/bin
```

```
export PATH=$PATH:$HOME/go/bin
```

```
source .bashrc
```

## 2. Docker 安装

```
1.sudo apt-get update //更新 apt 软件包索引
```

```
2.sudo apt-get install \
```

```
apt-transport-https \
```

```
ca-certificates \
```

```
curl \
```

```
software-properties-common //安装软件包
```

```
3.curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add - //添加 Docker 的官方 GPG 密钥
```

```
4.sudo apt-key fingerprint 0EBFCD88 //验证密钥指纹
```

```
5.sudo add-apt-repository \
```

```
"deb [arch=amd64] https://download.docker.com/linux/ubuntu \
```

```
$(lsb_release -cs) \
```

```
stable"
```

```
6.sudo apt-get update
```

```
7.sudo apt-get install docker-ce //这是安装最新版本
```

```
8.apt-cache madison docker-ce
```

```
5.sudo apt-get install docker-ce=17.06.2~ce-0~ubuntu //安装特定版本
```

## 3. Docker compose 安装

```
(1)sudo curl -L https://github.com/docker/compose/releases/download/1.8.1/docker-compose-`uname -s`-`uname -m` -o /usr/local/bin/docker-compose
```

```
(2)sudo chmod +x /usr/local/bin/docker-compose
```

```
(3)docker-compose --version
```

```
(4)chmod +x /usr/local/bin/docker-compose
```

```
(5)ll /usr/local/bin/docker-compose
```

## 4. 进入 go 的 path 目录，新建文件夹并进入目录

```
cd $GOPATH
```

```
mkdir -p src/github.com/hyperledger  
cd src/github.com/hyperledger
```

#### 5. 下载 fabric 及 fabric-sample

```
sudo git clone https://github.com/hyperledger/fabric.git  
sudo git clone https://github.com/hyperledger/fabric-samples.git
```

#### 6. 切换版本

```
cd fabric/  
sudo git checkout release-1.1    //切换版本  
sudo git branch -a               //查看当前版本  
cd fabric-samples/  
sudo git checkout release-1.1  
sduo git branch -a
```

#### 7. 设置阿里云加速器

在 ubuntu14.04 版本上设置如下：

```
echo "DOCKER_OPTS=\"\$DOCKER_OPTS --registry-  
mirror=https://2h3po24q.mirror.aliyuncs.com\"\" | sudo tee -a /etc/default/docker
```

(2)sudo service docker restart

#### 8. 进入到 fabric/scripts/ 并执行

```
cd fabric/scripts/  
./bootstrap.sh
```

#### 9. 进入到 fabric-samples 文件下载 1.1.0 版本所需二进制文件

```
wget  
https://nexus.hyperledger.org/content/repositories/releases/org/hyperledger/fabric/hyperle  
dger-fabric/linux-amd64-1.1.0/hyperledger-fabric-linux-amd64-1.1.0.tar.gz
```

并解压

```
tar -zxvf hyperledger-fabric-linux-amd64-1.1.0.tar.gz
```

#### 10. 将 bin 配置到环境

```
cd bin  
pwd  
vim ~/.bashrc  
加入  
export PATH=/home/leehom/go/bin/src/github.com/hyperledger/fabric-  
samples/bin:$PATH  
source ~/.bashrc
```

#### 11.启动网络