

010 fabric-java-sdk 测试环境集成

安装环境

安装JDK

下载网址: <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

下载 jdk-8u151-macosx-x64.dmg 安装到电脑

安装 maven

下载网址: <https://maven.apache.org/download.cgi>

解压到 /Users/fujinliang/Documents/environment

打开终端, 修改.bashrc

```
vi ~/.bashrc
```

加入如下代码

```
export M2_HOME=/Users/fujinliang/Documents/environment/apache-maven-3.5.2
export PATH=$PATH:$M2_HOME/bin
```

输入命令, 使配置生效

```
source ~/.bashrc
```

输入mvn -v查看Maven是否安装成功

```
$ mvn -v
Apache Maven 3.5.2 (138edd61fd100ec658bfa2d307c43b76940a5d7d; 2017-10-18T15:58:13+08:00)
Maven home: /Users/fujinliang/Documents/environment/apache-maven-3.5.2
```

```
Java version: 1.8.0_151, vendor: Oracle Corporation
Java home: /Library/Java/JavaVirtualMachines/jdk1.8.0_151.jdk/Contents/Home/
jre
Default locale: zh_CN, platform encoding: UTF-8
OS name: "mac os x", version: "10.13.2", arch: "x86_64", family: "mac"
```

下载 fabric-java-sdk

```
$ git clone https://github.com/hyperledger/fabric-sdk-java.git

$ cd fabric-sdk-java
$ git checkout v1.0.1
```

编译

```
$ mvn install -DskipTests
```

启动网络

```
$ cd src/test/fixture/sdkintegration
$ ./fabric.sh up
```

运行测试方法

```
mvn failsafe:integration-test -DskipITs=false
```