DubboX 介绍和编译与安装

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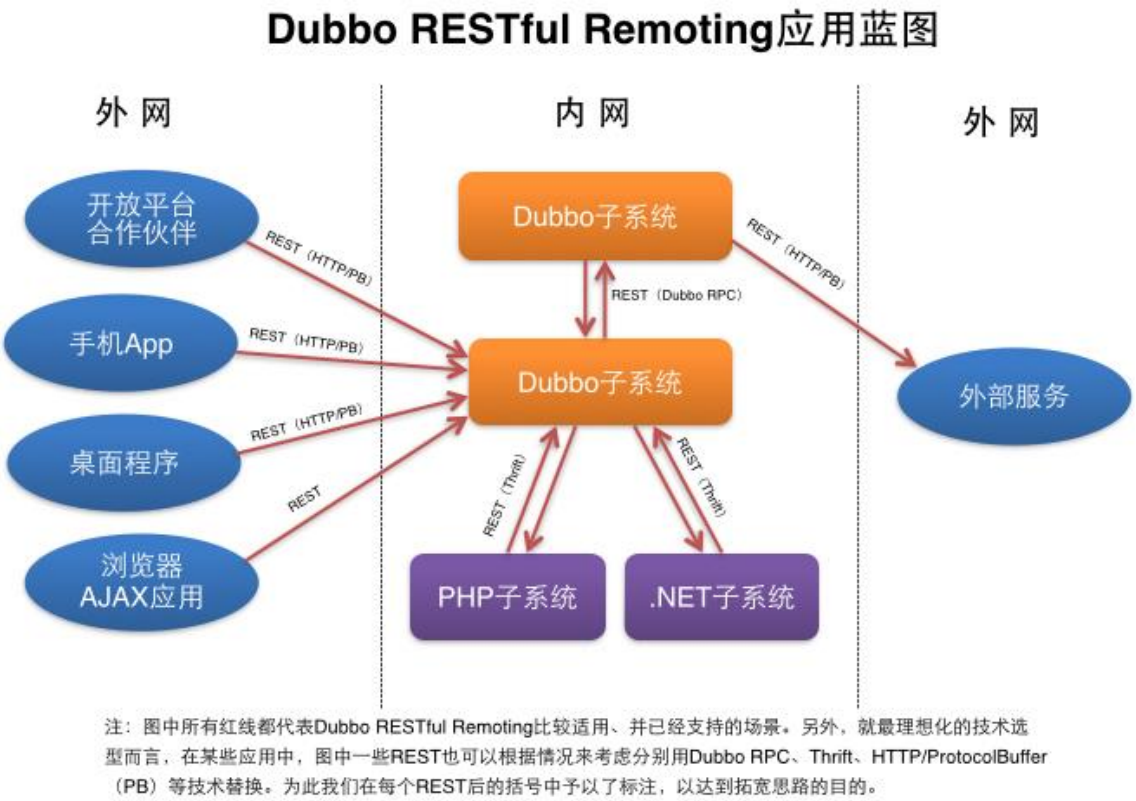
概要

文档涉及技术：git maven nexus iptables zookeeper eclipse



DubboX 开源是一套在阿里巴巴 Dubbo 开源框架基础上扩展的框架。目前支持 Spring4，PHP 等。实现微服务架构的高效架构。目前使用的企业有京东、当当这类电商还有一些不知名电商、电信等企业。

Centos 6.5 环境

1.安装 git

#yum install -y git

2. 安装 maven / Ant

#wget http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo

#yum -y install apache-maven

#yum -y install ant

3.编译源码

#git clone https://github.com/dangdangdotcom/dubbox.git

#cd dubbox/

#mvn clean install -Dmaven.test.skip=true

4.安装私服 nexus

#Wget https://sonatype-download.global.ssl.fastly.net/nexus/oss/nexus-2.13.0-01-bundle.zip

#Unzip nexus-2.13.0-01-bundle.zip –d /home/app/

5.修改配置启动用户

Sudo vi /home/app/nexus-2.13.0-01-bundle/bin/nexus

RUN_AS_USER=tyhy #建议不用 root

6.启动 nexus

/home/app/nexus-2.13.0-01-bundle/bin/nexus start

7.修改默认端口

netstat -ntlp

cat nexus.properties

8.开防火墙端口 8081

#iptables -I INPUT -p tcp -m state --state NEW -m tcp --dport 8081 -j ACCEPT

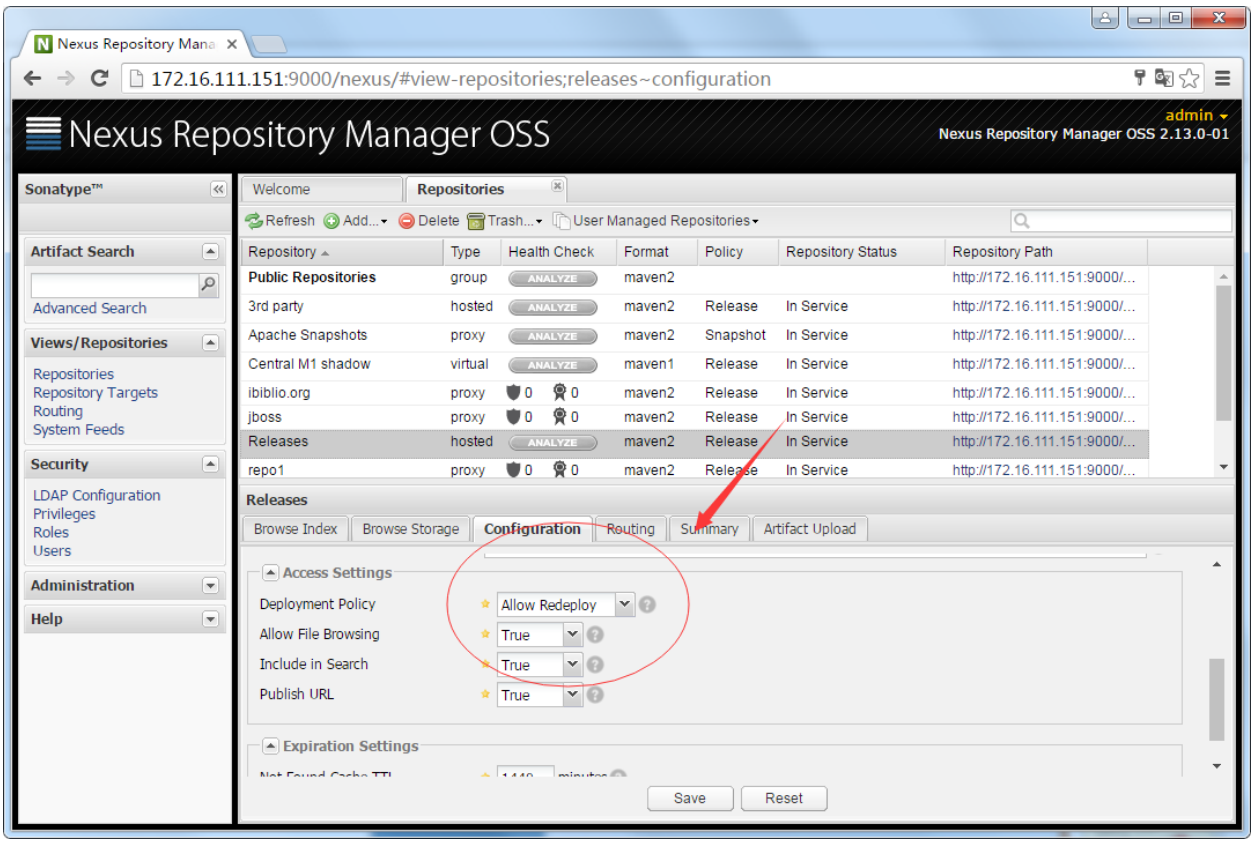
#service iptables save

#service iptables restart

9.私服管理

登录：http://ip:8081/nexus/

admin/admin123



关键位置调整

10.~/.m2/settings.xml 增加私服管理用户与密码

添加 setting.xml 文件

win 系统文件在 C:\Users\xx\.m2\

Linux 在~/.m2/settings.xml 具体可以用 find 查找

#find / -name .m2

```
<servers>
  <server>
    <id>releases</id>
    <username>admin</username>
    <password>admin123</password>
  </server>
 <server>
  <id>snapshots</id>
  <username>admin</username>
  <password>admin123</password>
  </server>
  <server>
  <id>thirdparty</id>
  <username>admin</username>
  <password>admin123</password>
  </server>
</servers>
```

11.项目 pom.xml 文件

```
<distributionManagement>
  <repository>
    <id>releases</id>
    <name>Nexus Release Repository</name>
    <url>http://172.16.111.151:9000/nexus/content/repositories/releases/</url>
  </repository>
</distributionManagement>
```

关键点 id 必须对应

12.DubboX 推上私服

#mvn clean install -Dmaven.test.skip

#mvn deploy -Dmaven.test.skip=true

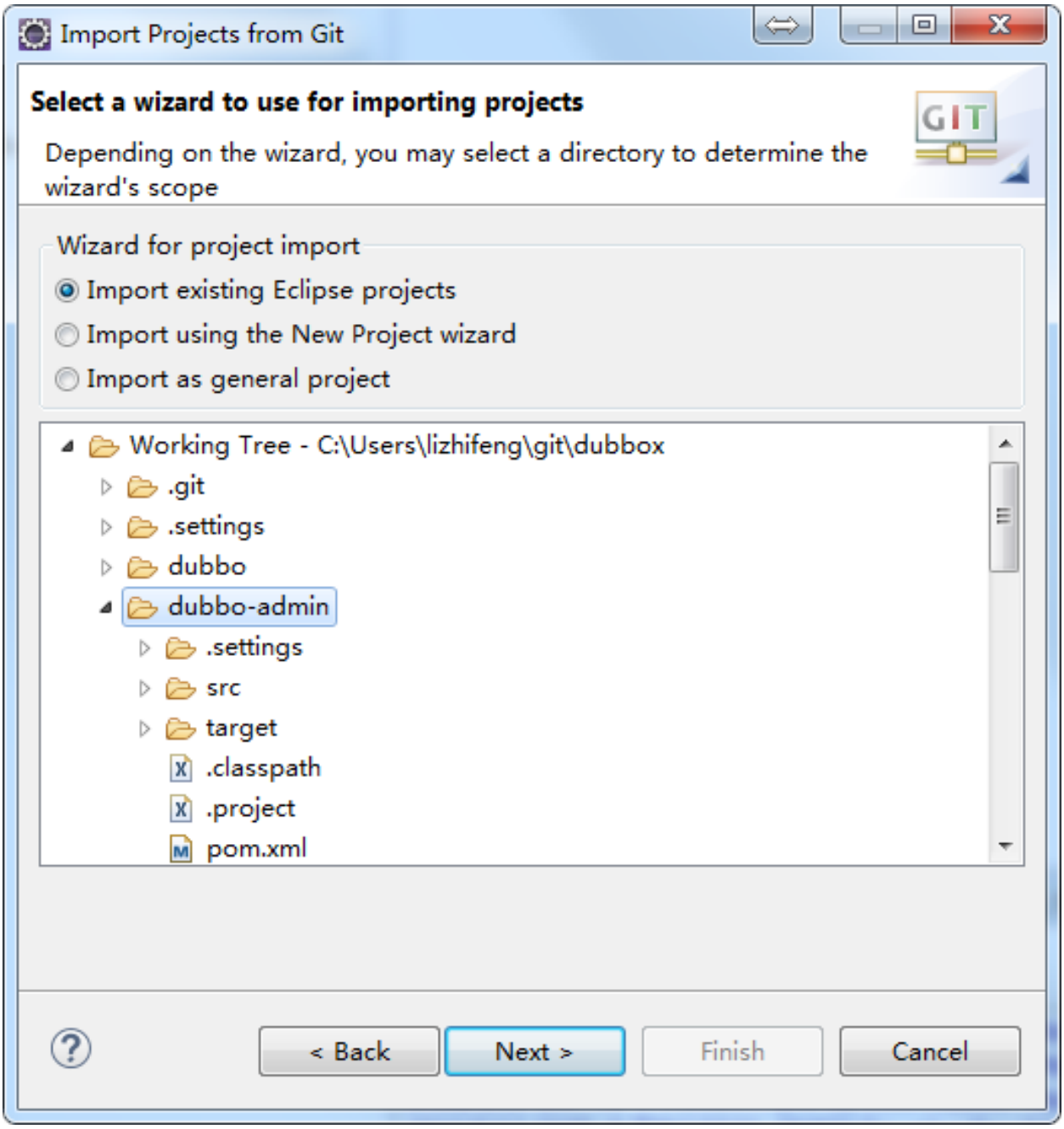
或

#mvn deploy

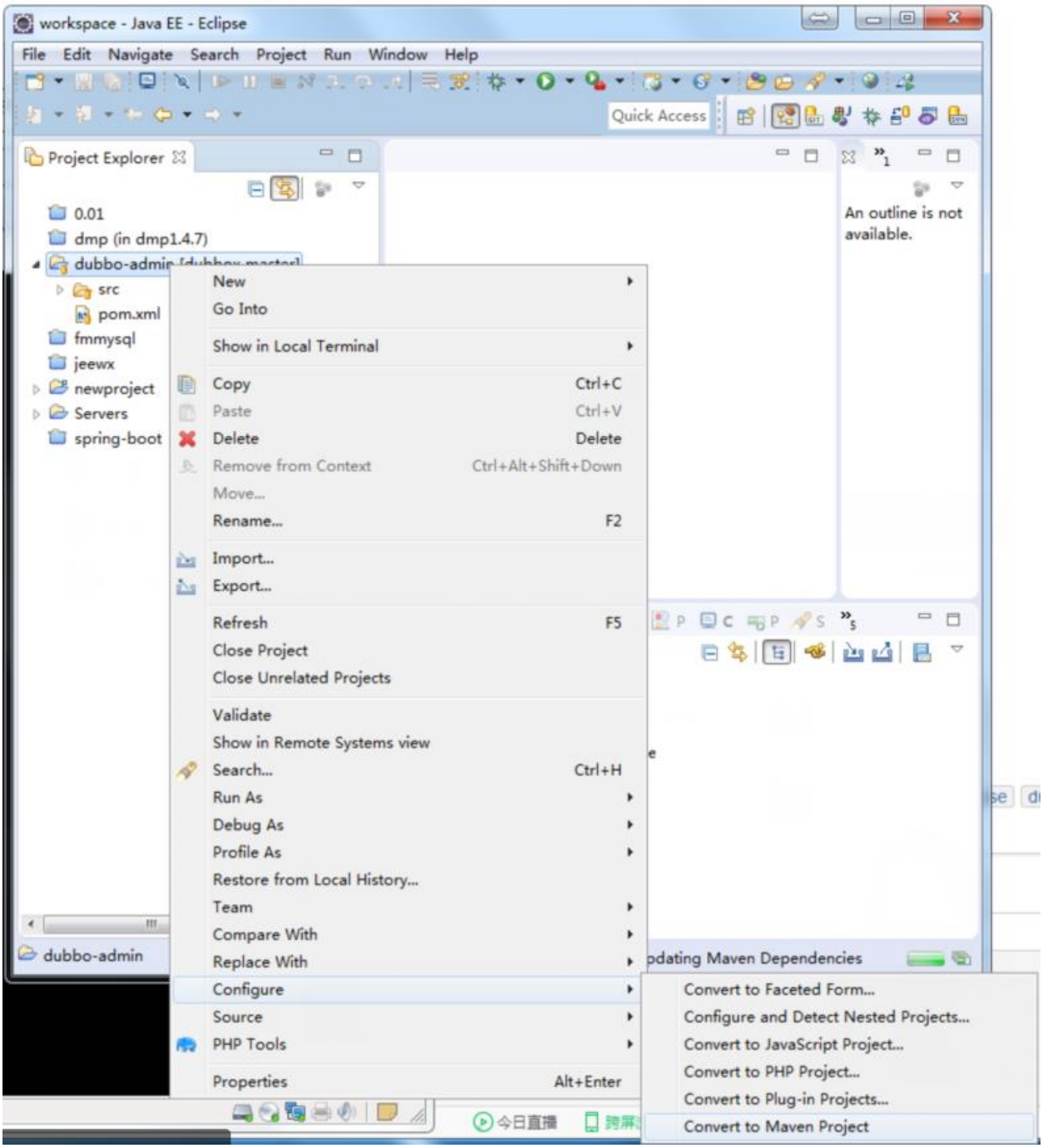
13.开 eclipse 引入 DubboX 的 dubbo-admin

在 git 界面引入 https://github.com/dangdangdotcom/dubbox.git 地址

File - Import... - Projects from Git - Existing local repository - dubbox - dubbo-admin 项目



14.转换成为 maven 项目
点选项目 dubbo-admin 鼠标右键 Configure - Convert to Maven Project



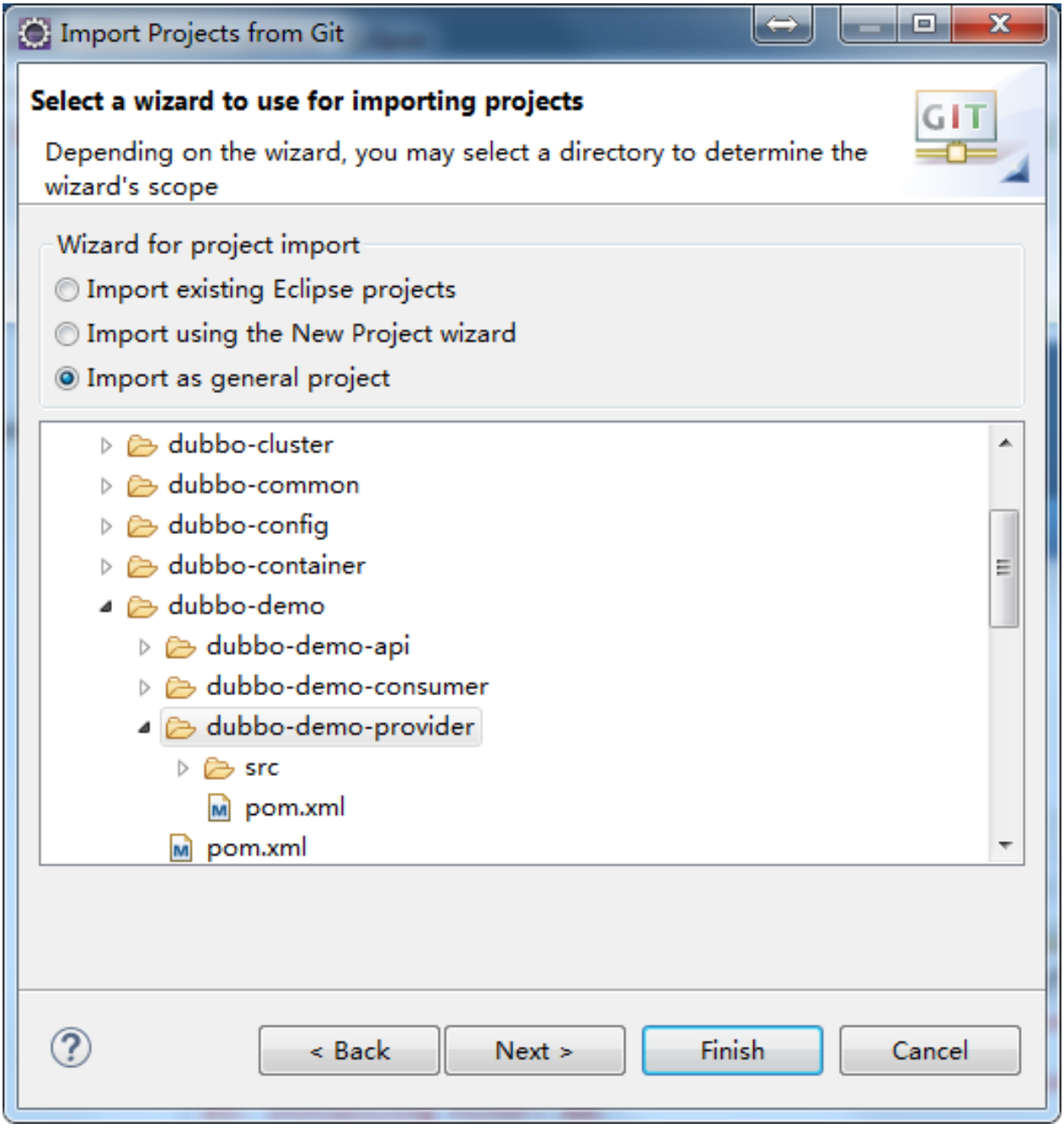
15.安装 zookeeper 运行

#wget http://apache.fayea.com/zookeeper/zookeeper-3.3.6/zookeeper-3.3.6.tar.gz

#cp zookeeper-3.3.6/conf/zoo_sample.cfg zoo.cfg

#./zkServer.sh

16.项目 dubbo-demo-provider 引入 eclipse



编译运行