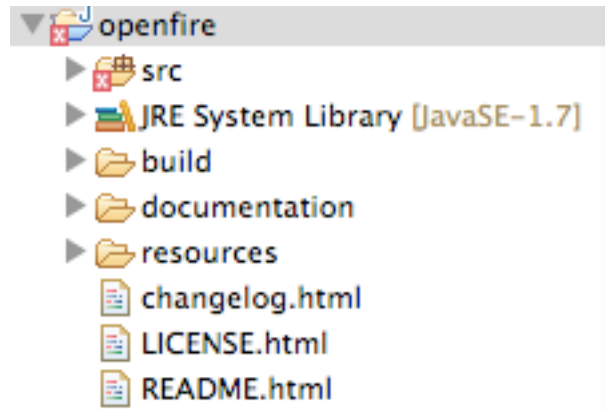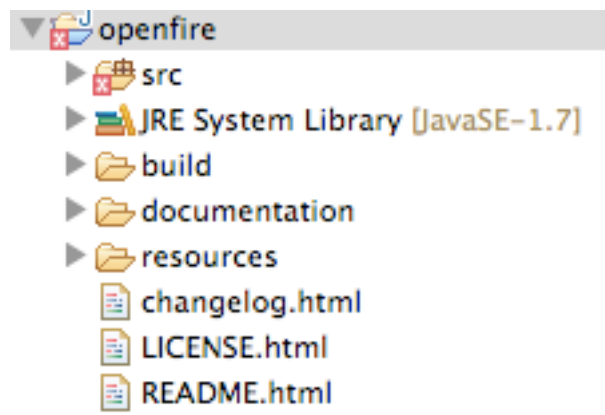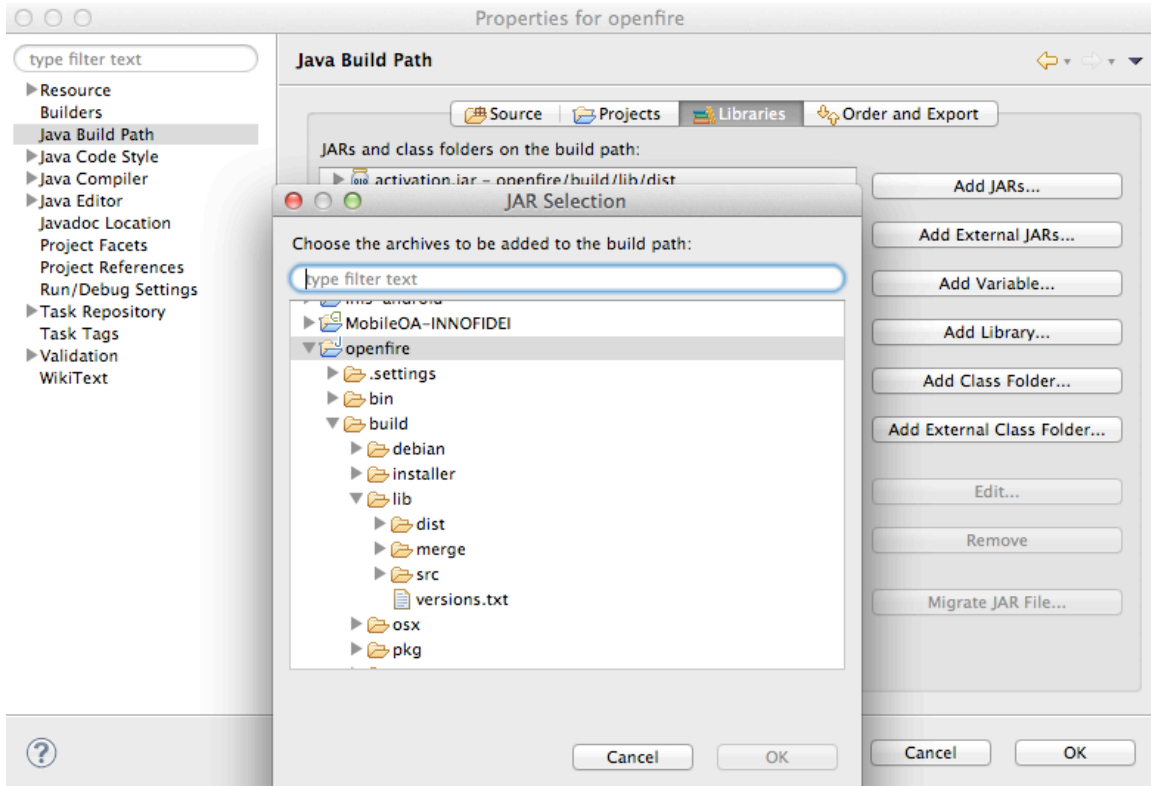1 Download openfire3.7.1.tar.gz, unzip to your folder。

2 Create new project in eclipse, name like: openfire。
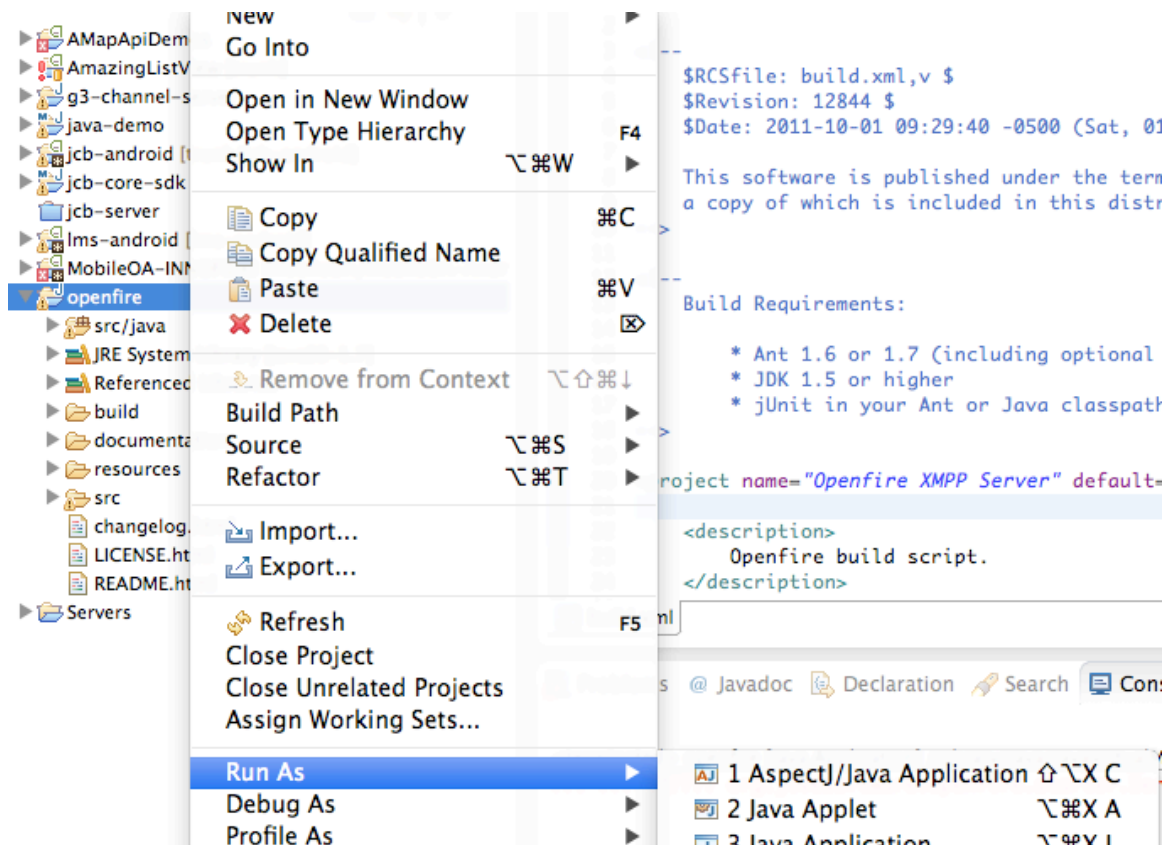
3 Copy the source code to project folder, update

4 Enter project Properties tab, click Java Build Path.

    4.1 enter Source table, AddFolder, then add java Src to build path

4.2 enter Libraries tab，click Add JARs，add jars from build/lib，Note: do not add .xml, .txt,.dll.

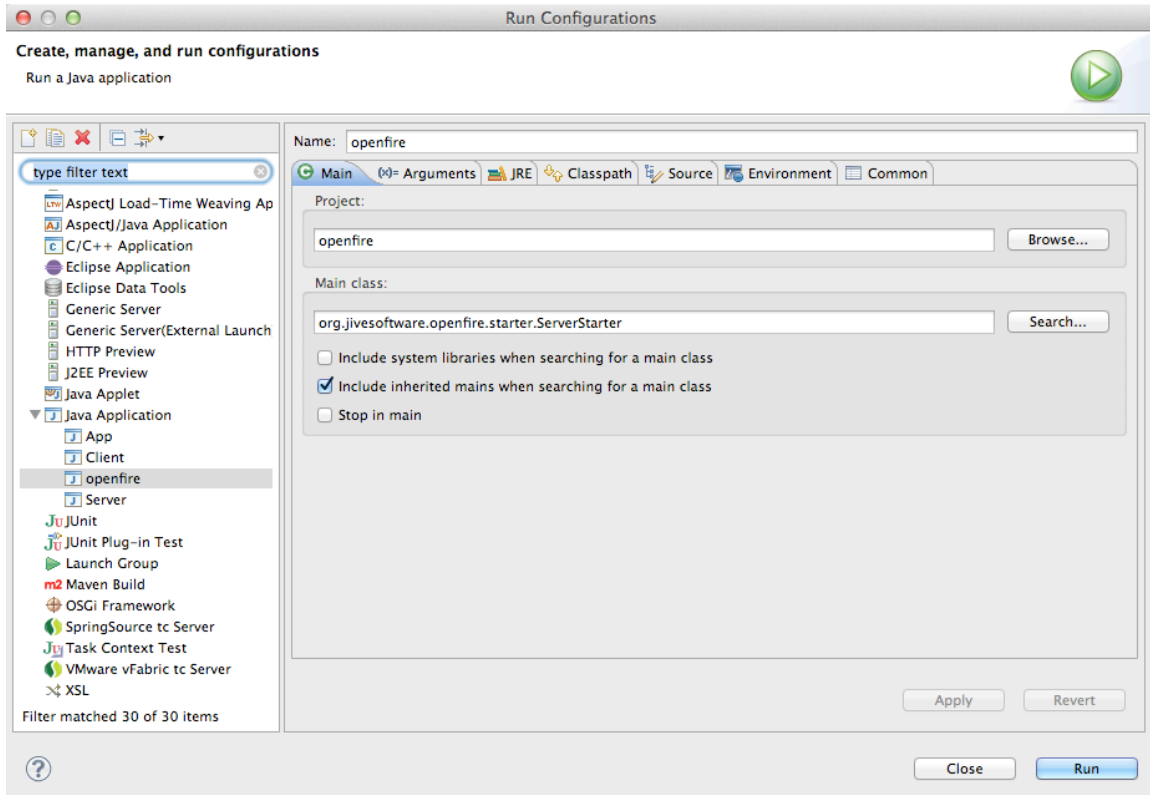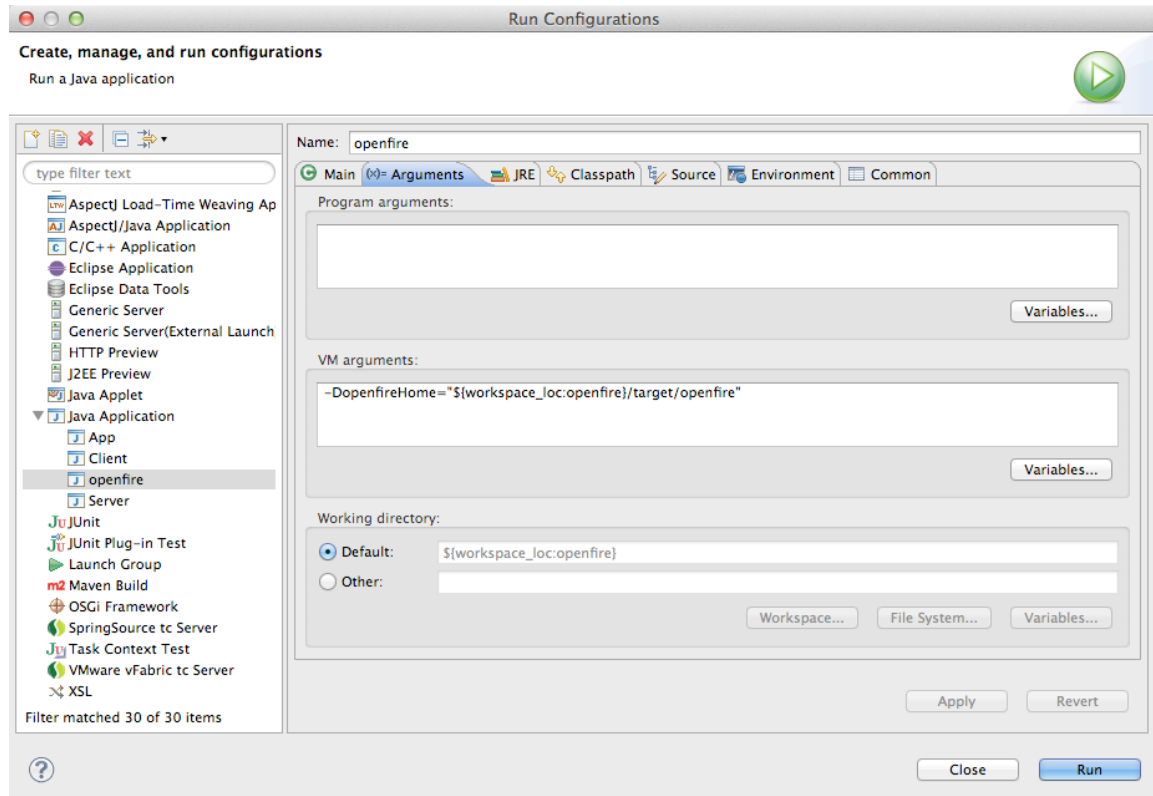5 for project perperties，select Run As->RunConfigurtions.

5.1create new target in JavaApplication, like openfire 。

    5.2：Configure the start parameters。
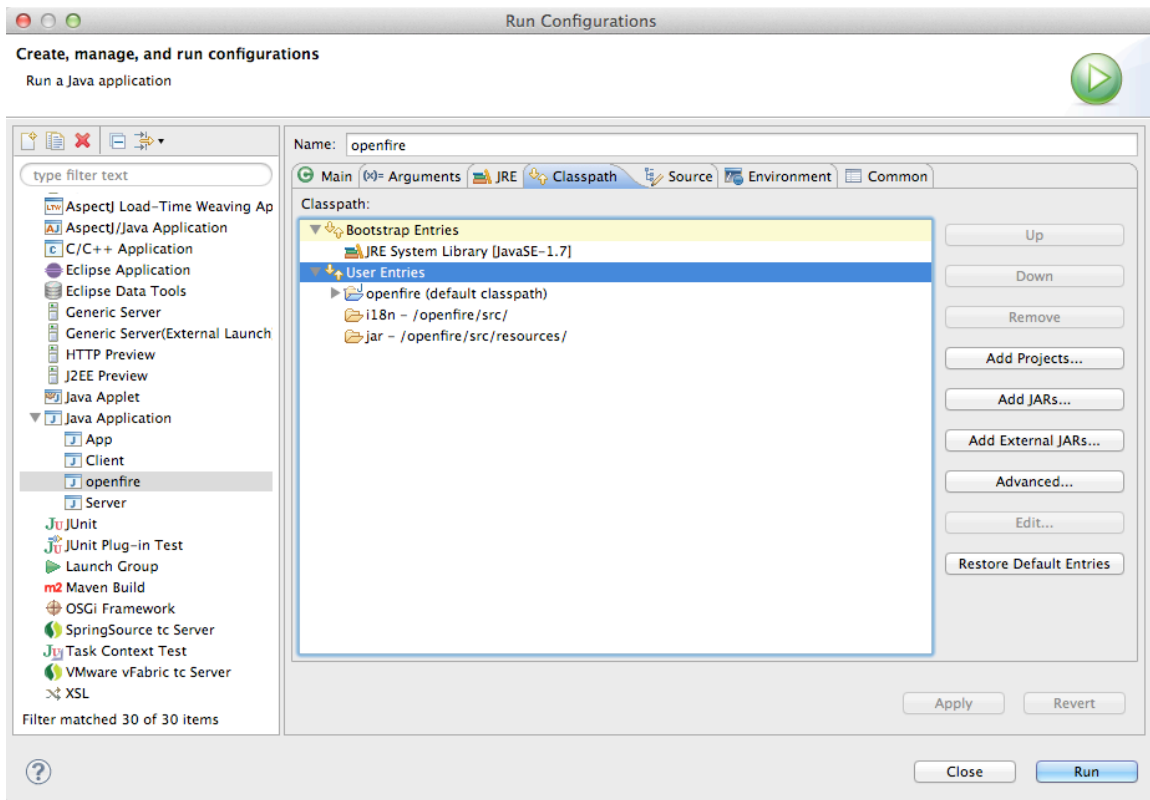
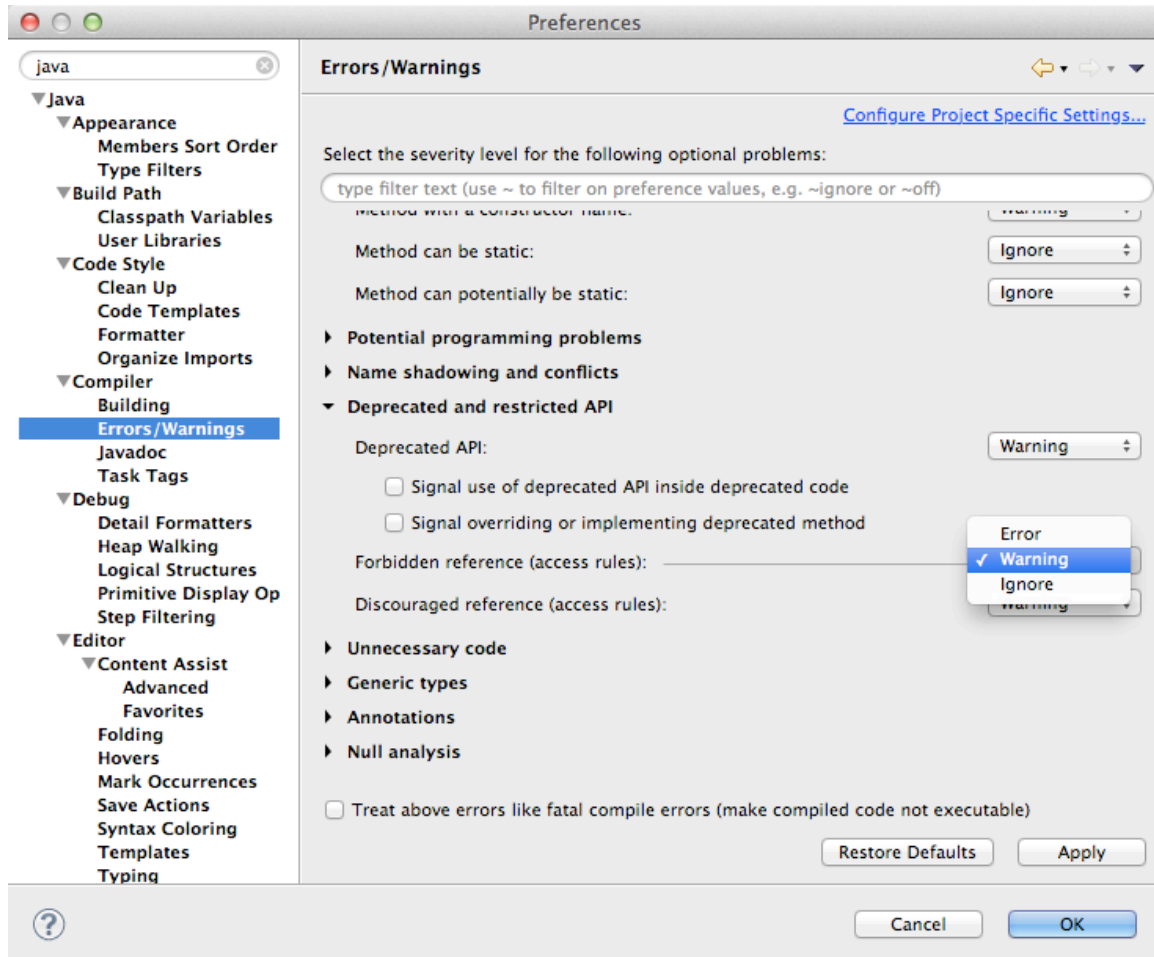   5.2.1：search Main, select ServerStarter as mainclass。

5.2.2 Click Arguments tab，input VMarguments:-DopenfireHome="${workspace_loc:openfire}/target/openfire"

5.2.3：Click Classpath tab，Advanced->AddFolders，add i18n from openfire/src

5.2.4 select Common tab , select debug and run then apply this
5.3 open eclipse's preferences tab， Java Compiler tab
Errors/Warnings

5.4 configure build.xml file,setup the java runtime versioin like

```
227            <contains string="${ant.version}" substring="1.7"/>
228            <contains string="${ant.version}" substring="1.8"/>
229          </or>
230        </not>
231      </condition>
232      <condition property="java.not.ok" value="true">
233        <not>
234          <or>
235            <contains string="${ant.java.version}" substring="1.5"/>
236            <contains string="${ant.java.version}" substring="1.6"/>
237            <contains string="${ant.java.version}" substring="1.7"/>
238          </or>
239        </not>
240      </condition>
241      <fail if="ant.not.ok" message="Must use Ant 1.6.x or 1.7.x to build Openfire"/>
242      <fail if="java.not.ok" message="Must use JDK 1.5.x or higher to build Openfire"/>
```

6 Run As->AntBuild.
7 If success,you can get

```
openfire [Java Application] /Library/Java/JavaVirtualMachines/jdk1.7.0_09.jdk/Contents/Home/bin/java (2013-2-16 上午11:28:36)
log4j:WARN No appenders could be found for logger (org.jivesoftware.openfire.container.PluginManager).
log4j:WARN Please initialize the log4j system properly.
Openfire 3.7.1 [Feb 16, 2013 11:28:37 AM]
Admin console listening at http://127.0.0.1:9090
```

8 copy log4j.xml from build/lib/dist to src/java，then restart openfire。

```
openfire [Java Application] /Library/Java/JavaVirtualMachines/jdk1.7.0_09.jdk/
Openfire 3.7.1 [Feb 16, 2013 11:34:24 AM]
Admin console listening at http://127.0.0.1:9090
```

9 you can enter admin web http://127.0.0.1:9090