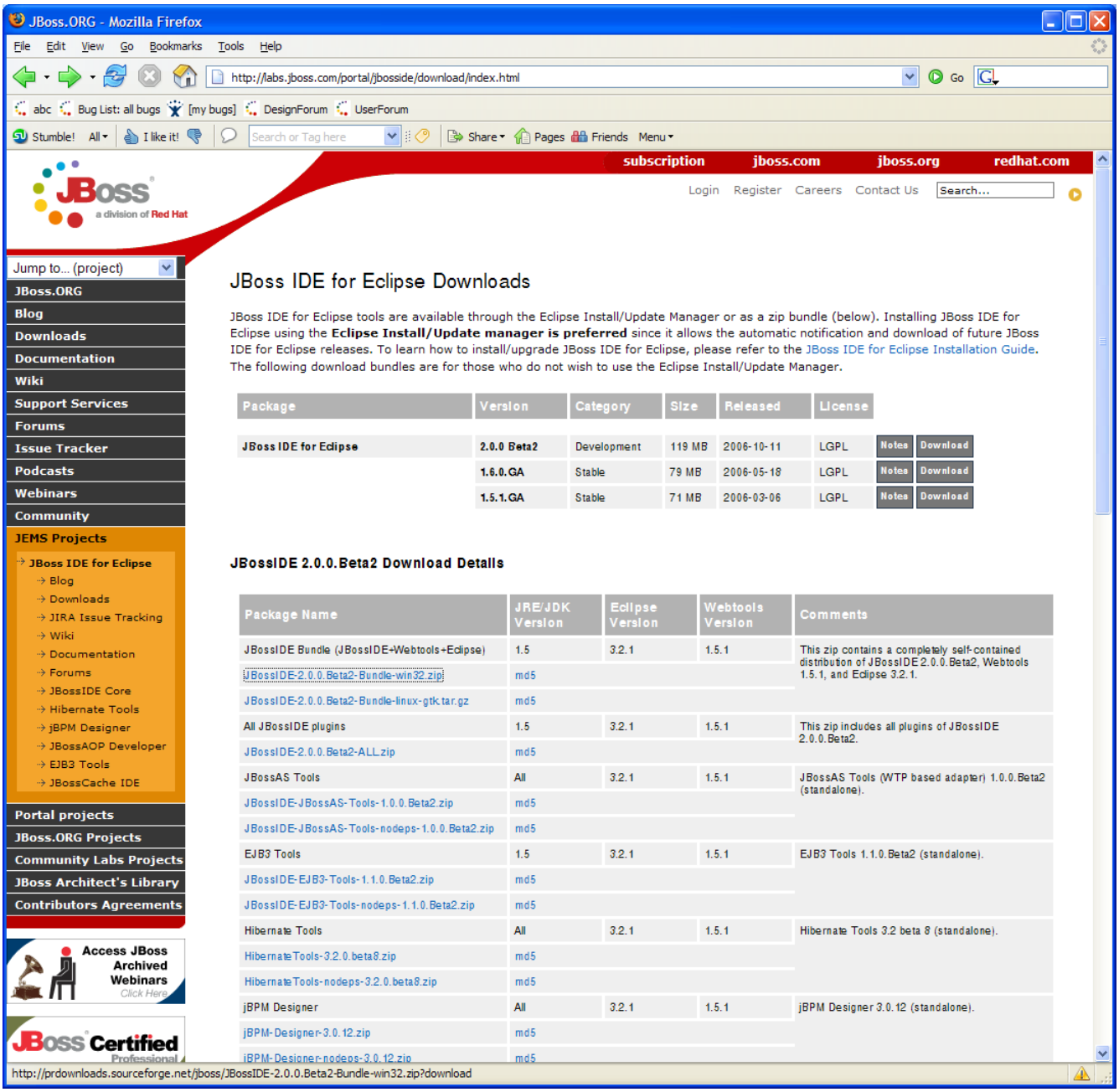
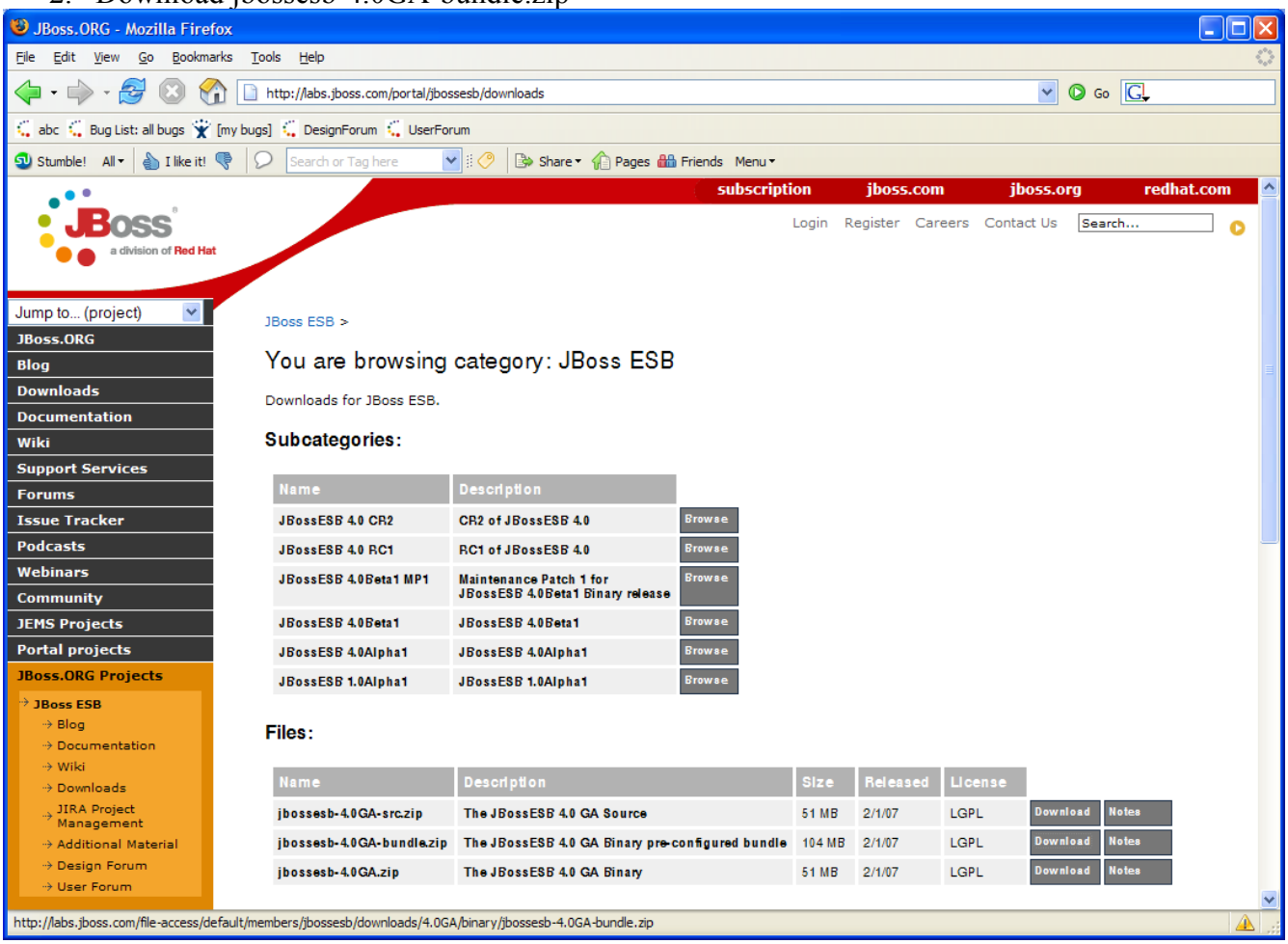
These instructions are for windows, but it should pretty much be the same on linux.

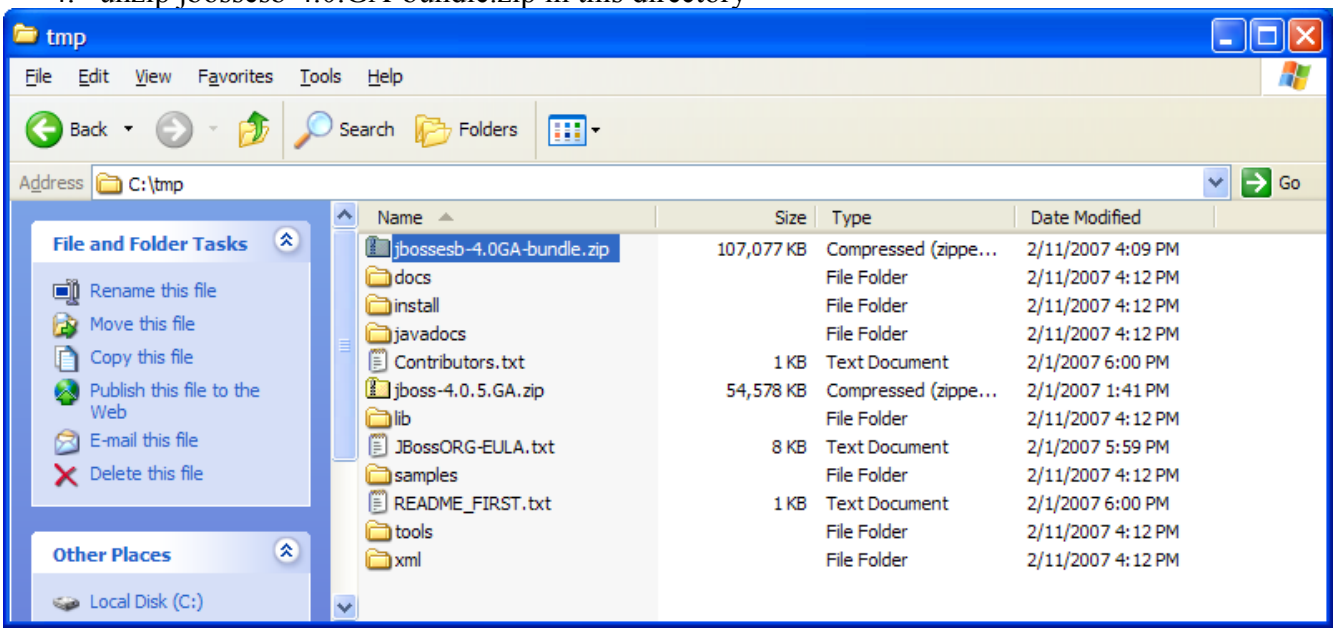
1. Download JbossIDE-2.0.0-Beta2-Bundle-win32.zip



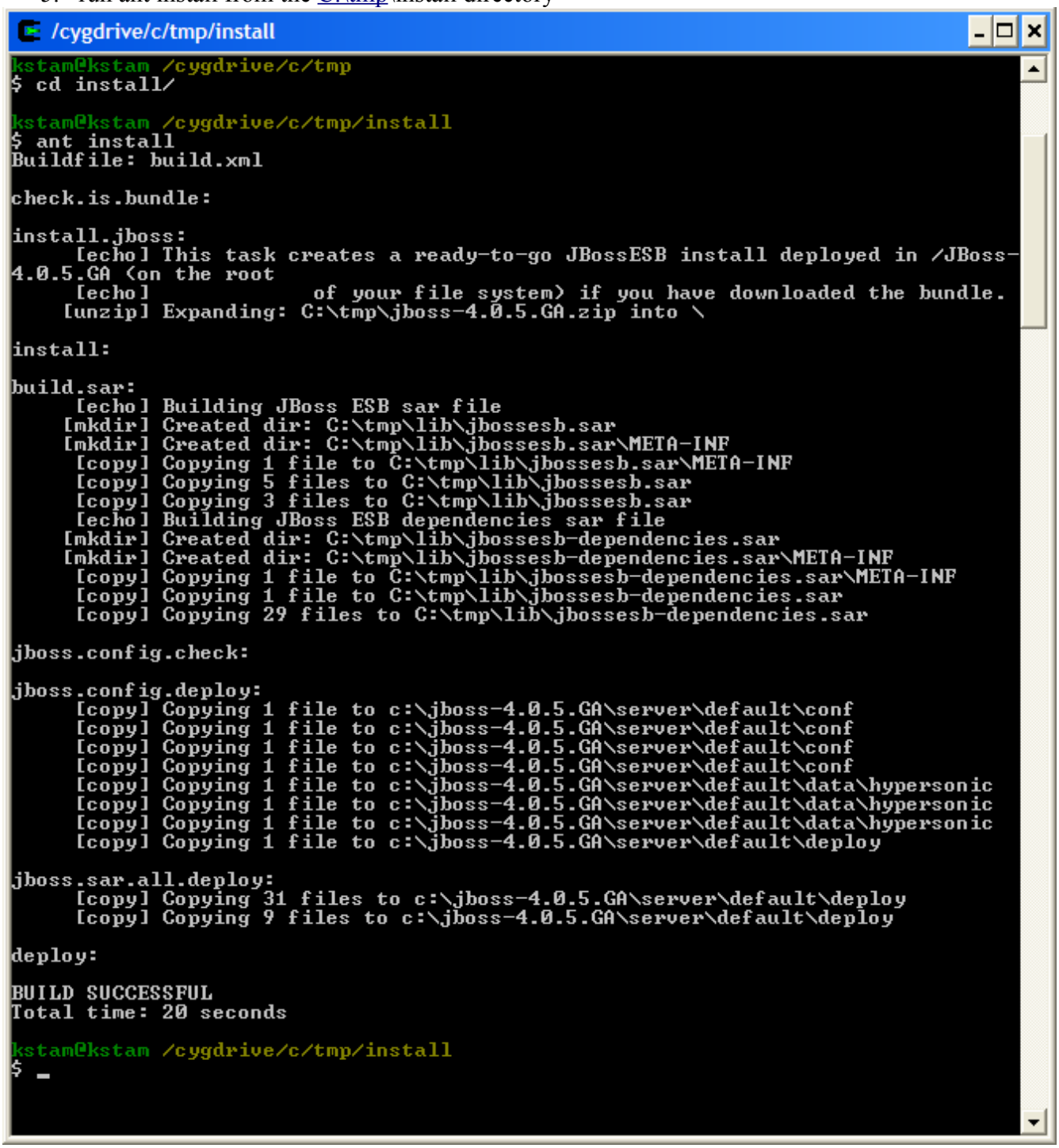
2. Download jbossesb-4.0GA-bundle.zip



3. Create a c:\tmp directory
4. unzip jbossesb-4.0.GA-bundle.zip in this directory

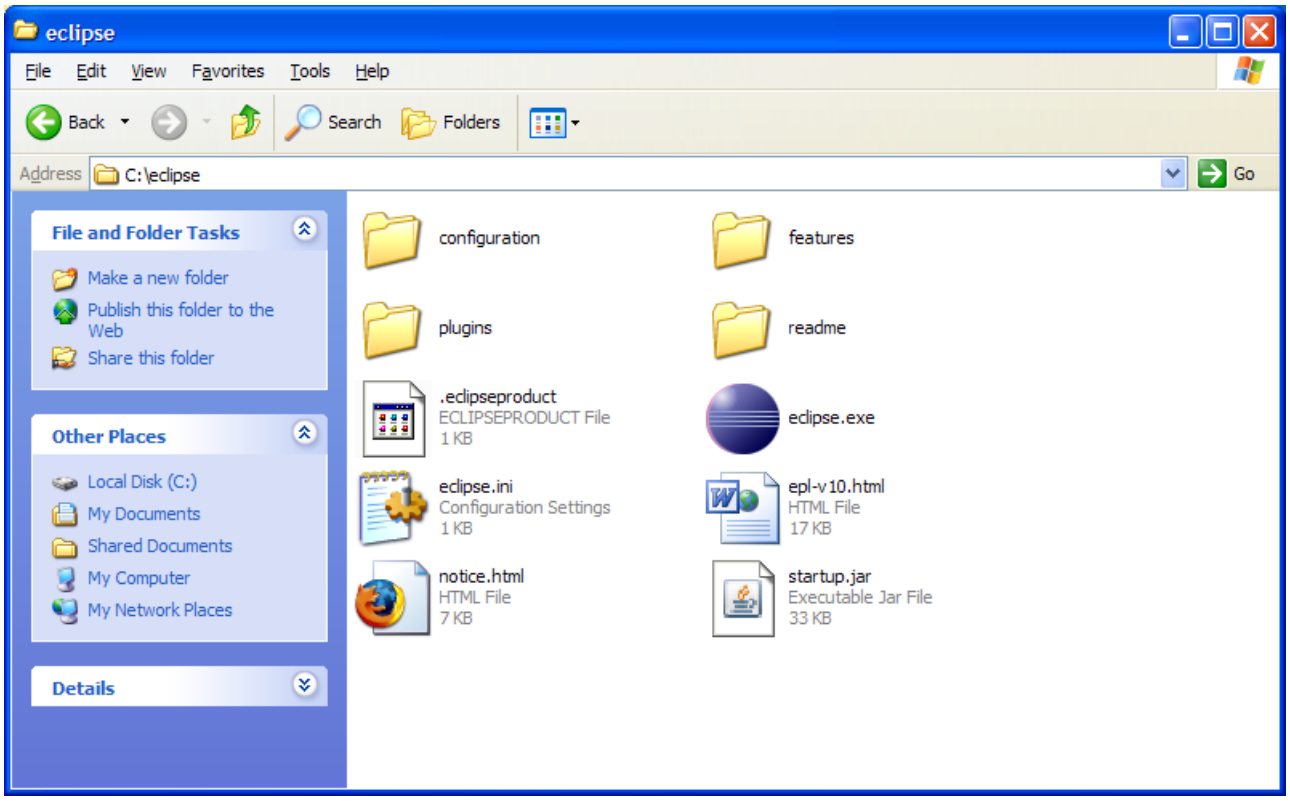


5. run ant install from the C:\tmp\install directory

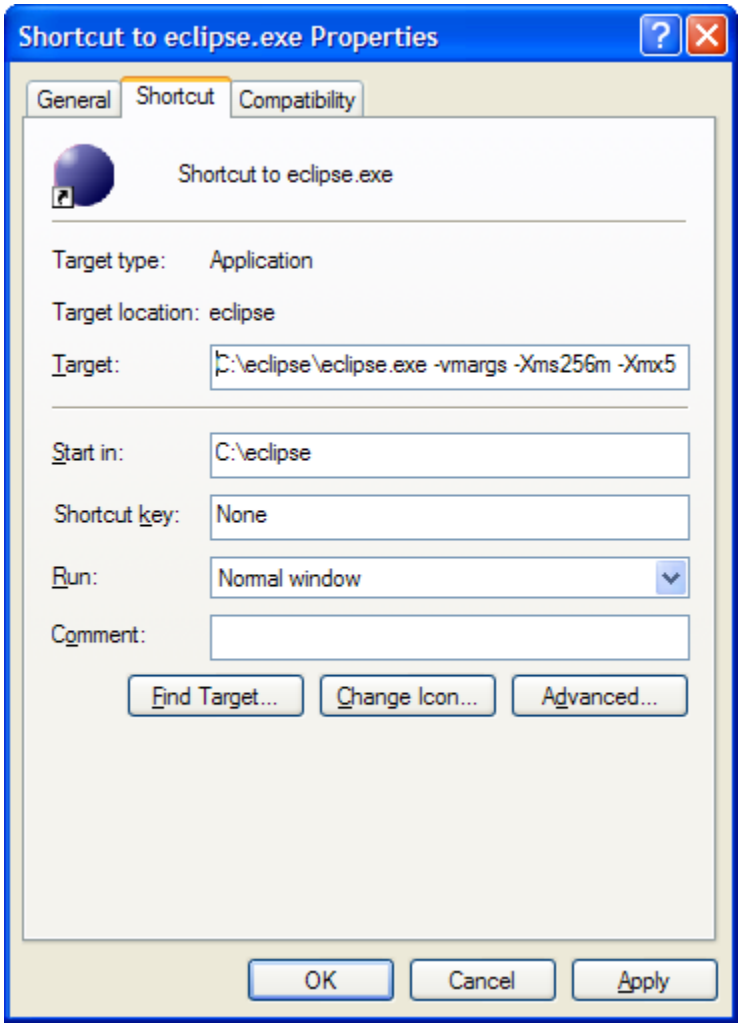


This creates a jboss-4.0.5.GA directory with JBossESB deployed on JBossAS-4.0.5

6. Unzip the jbossIDE-bundle to C:\ . It should create a C:\eclipse directory

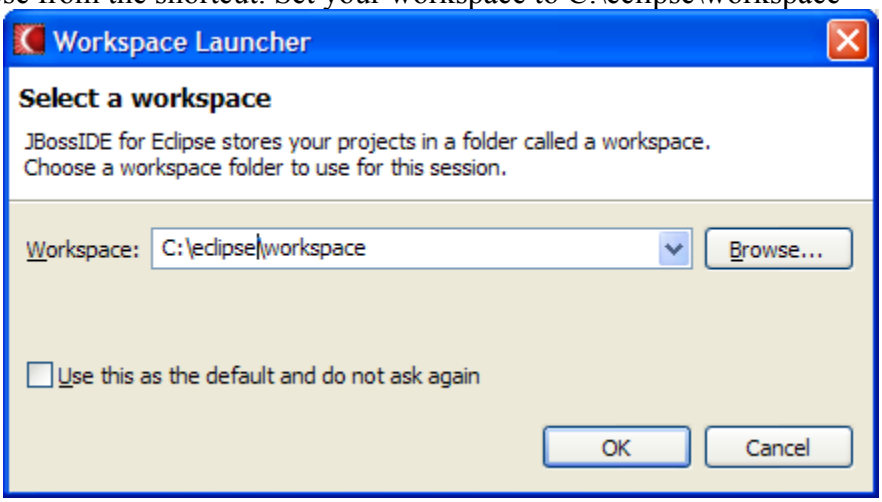


7. Create shortcut to it with target:
   C:\eclipse\eclipse.exe -vmargs -Xms256m -Xmx512m -X:MaxPermSize=128M

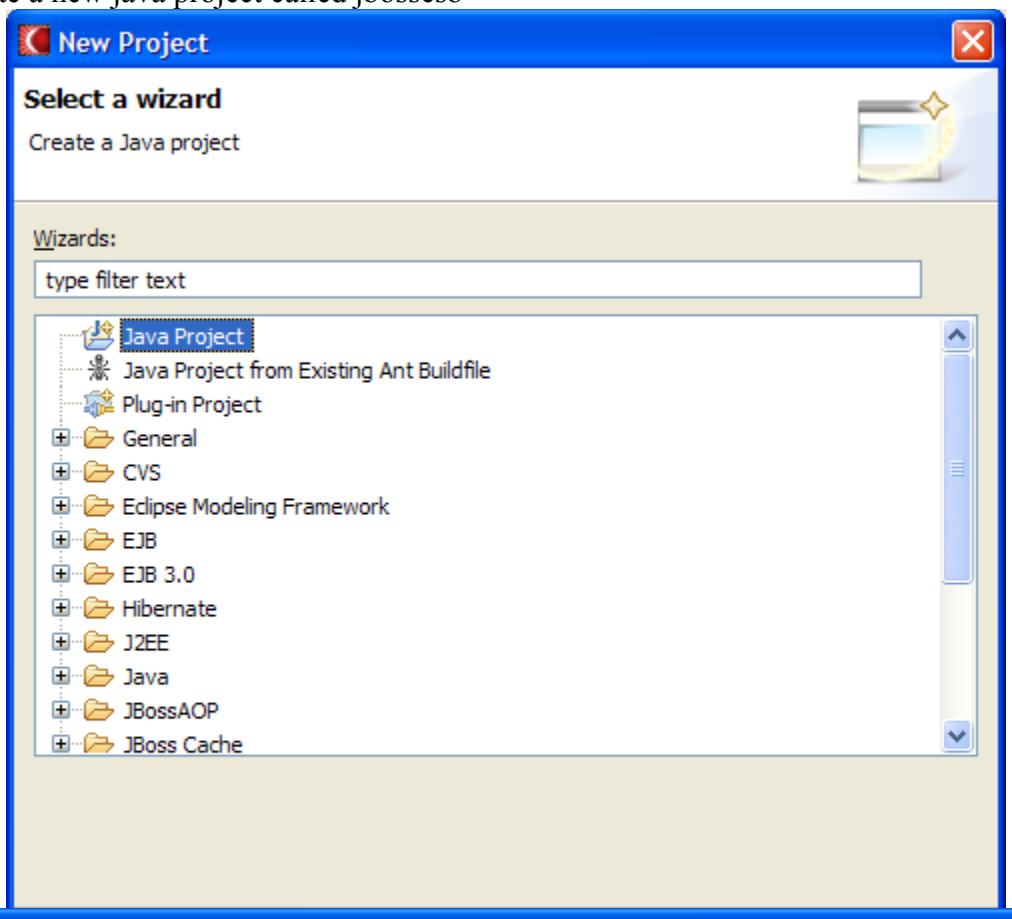


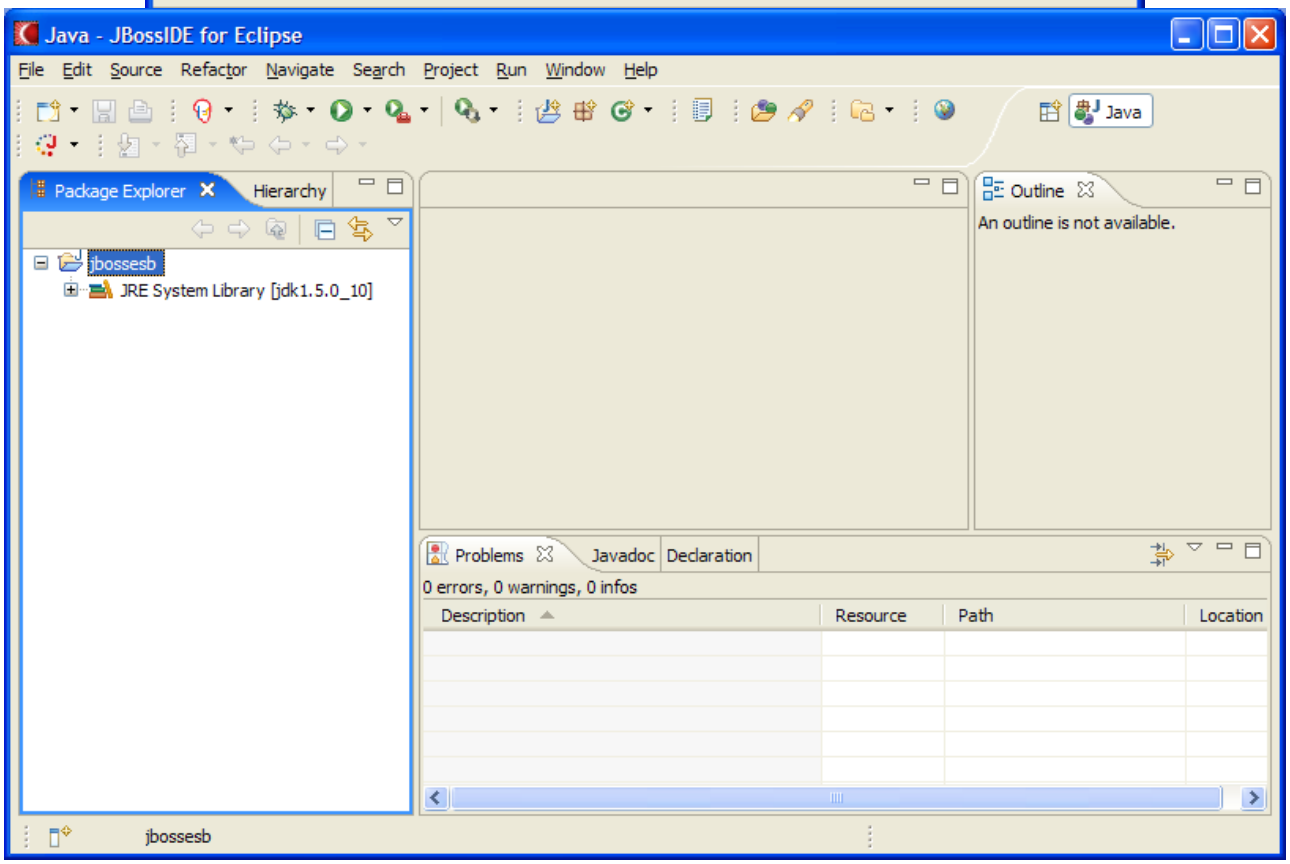
Note that the '-X:MaxPermSize=128M', eclipse used to crash a lot for me without it.

8. Start eclipse from the shortcut. Set your workspace to C:\eclipse\workspace

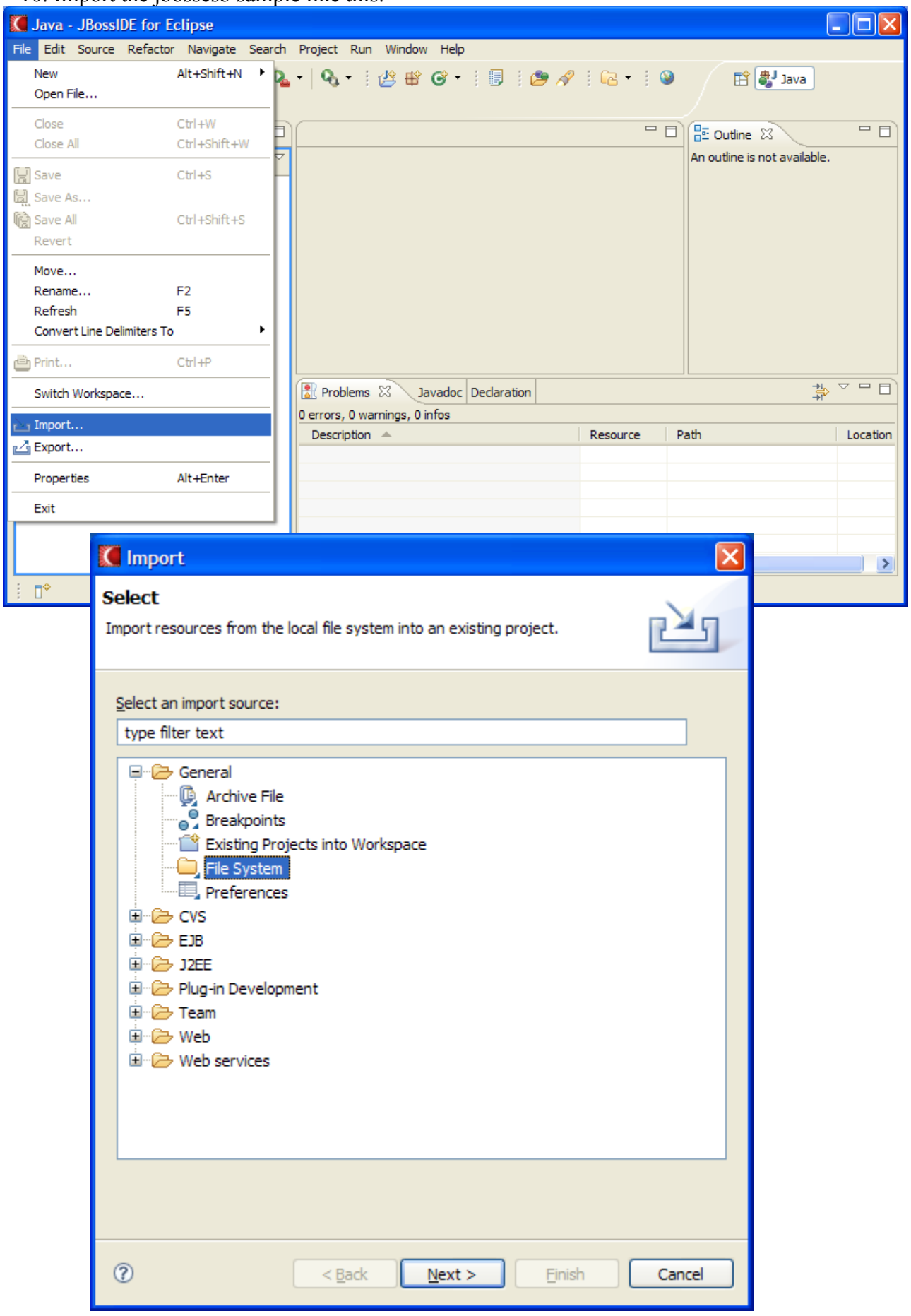


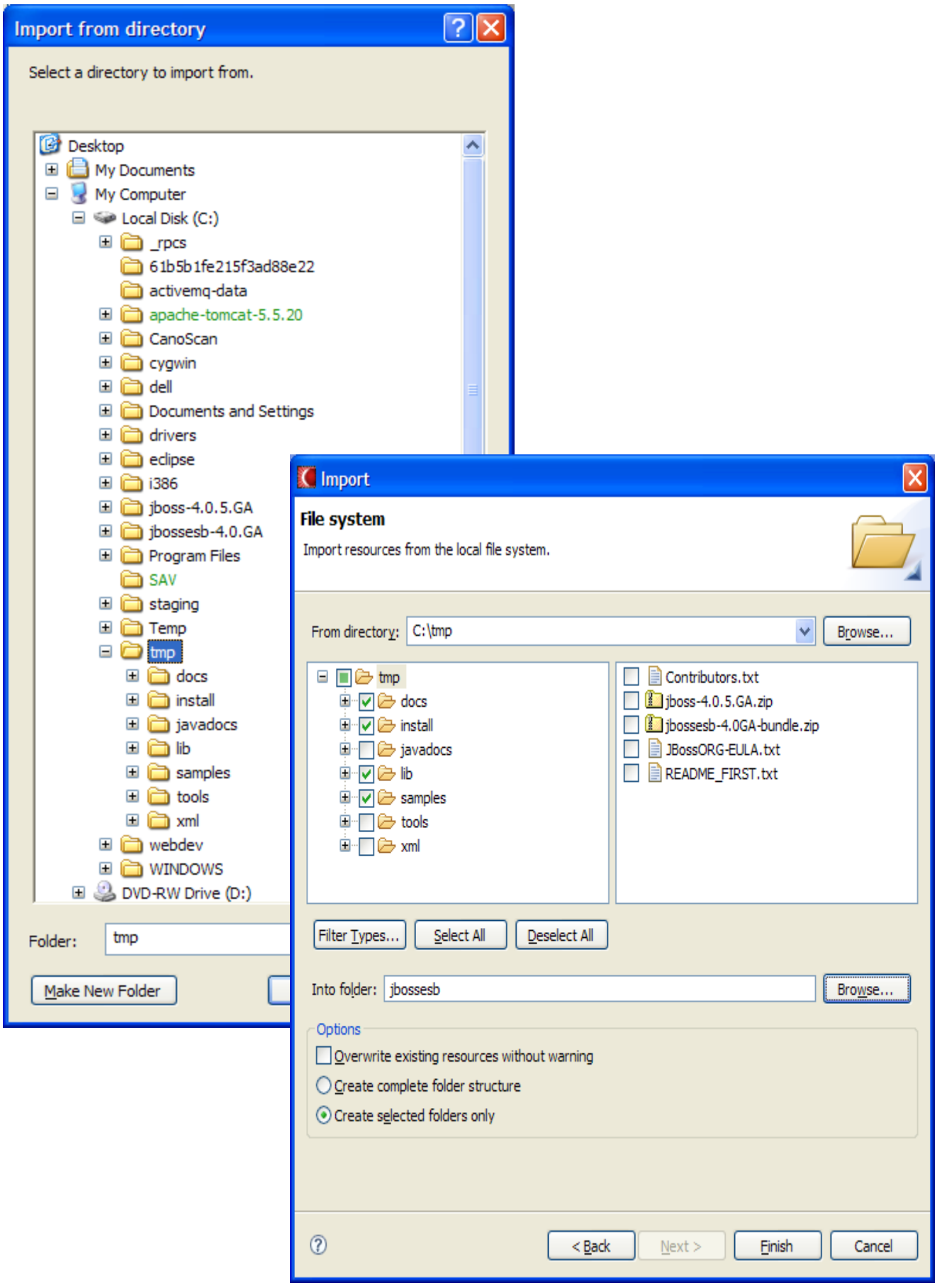
9. Create a new java project called jbossesb



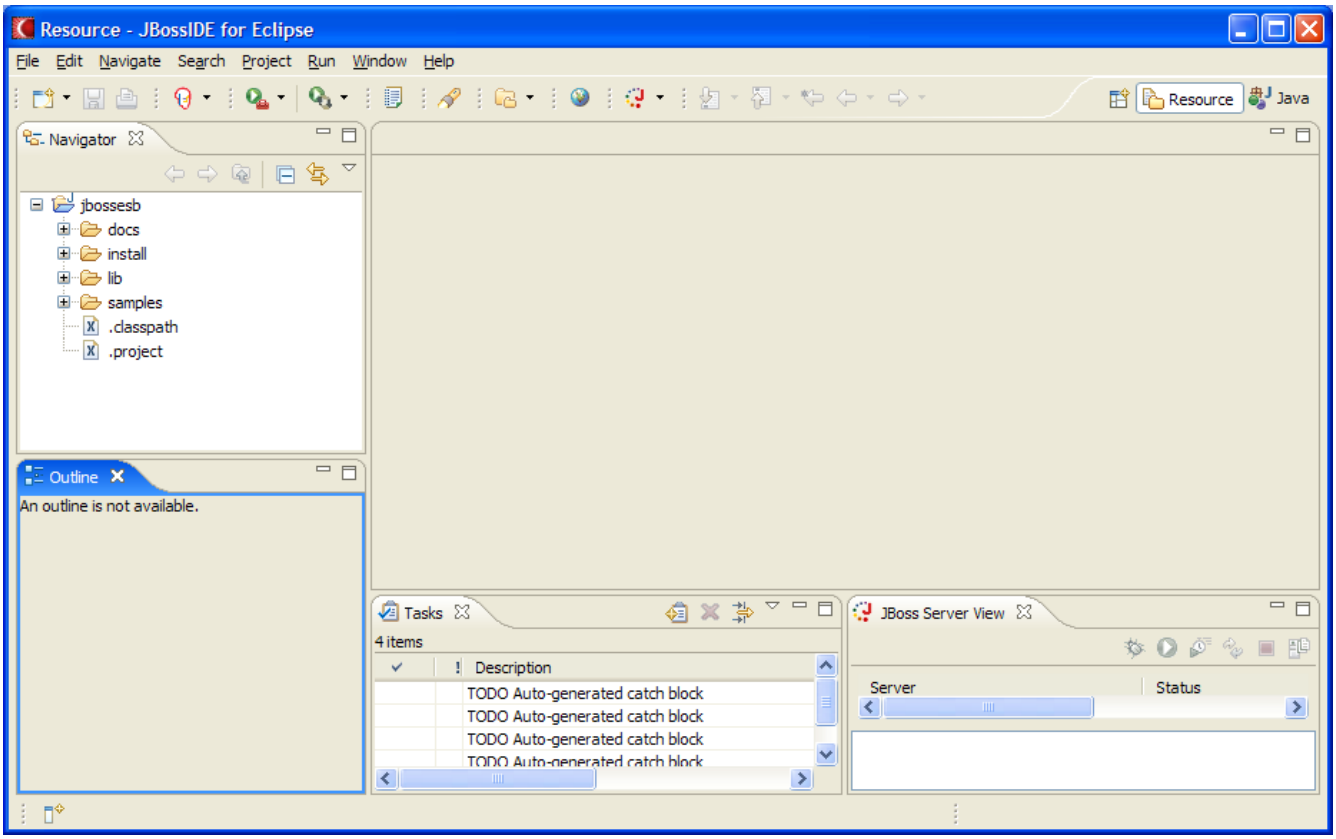


10. Import the jbossesb sample like this:

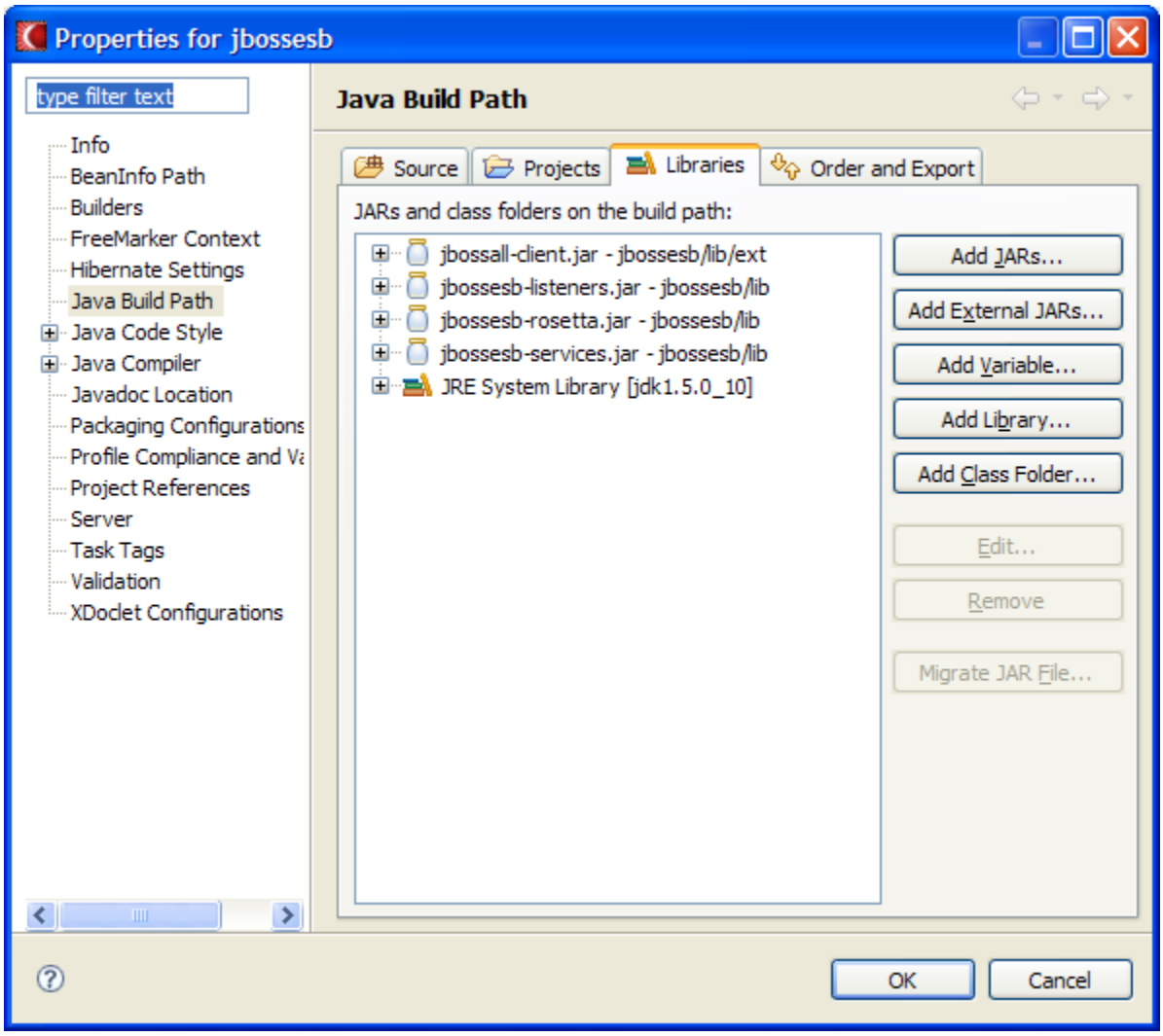



Import from directory
Select a directory to import from.
Desktop
My Documents
My Computer
Local Disk (C:)
_rpcs
61b5b1fe215f3ad88e22
activemq-data
apache-tomcat-5.5.20
CanoScan
cygwin
dell
Documents and Settings
drivers
eclipse
i386
jboss-4.0.5.GA
jbossesb-4.0.GA
Program Files
SAV
staging
Temp
tmp
docs
install
javadocs
lib
samples
tools
xml
webdev
WINDOWS
DVD-RW Drive (D:)
Folder:
tmp
Make New Folder
Import
File system
Import resources from the local file system.
From directory:
C:\tmp
Browse...
tmp
docs
install
javadocs
lib
samples
tools
xml
Contributors.txt
jboss-4.0.5.GA.zip
jbossesb-4.0GA-bundle.zip
JBossORG-EULA.txt
README_FIRST.txt
Filter Types...
Select All
Deselect All
Into folder:
jbossesb
Browse...
Options
Overwrite existing resources without warning
Create complete folder structure
Create selected folders only
< Back
Next >
Finish
Cancel

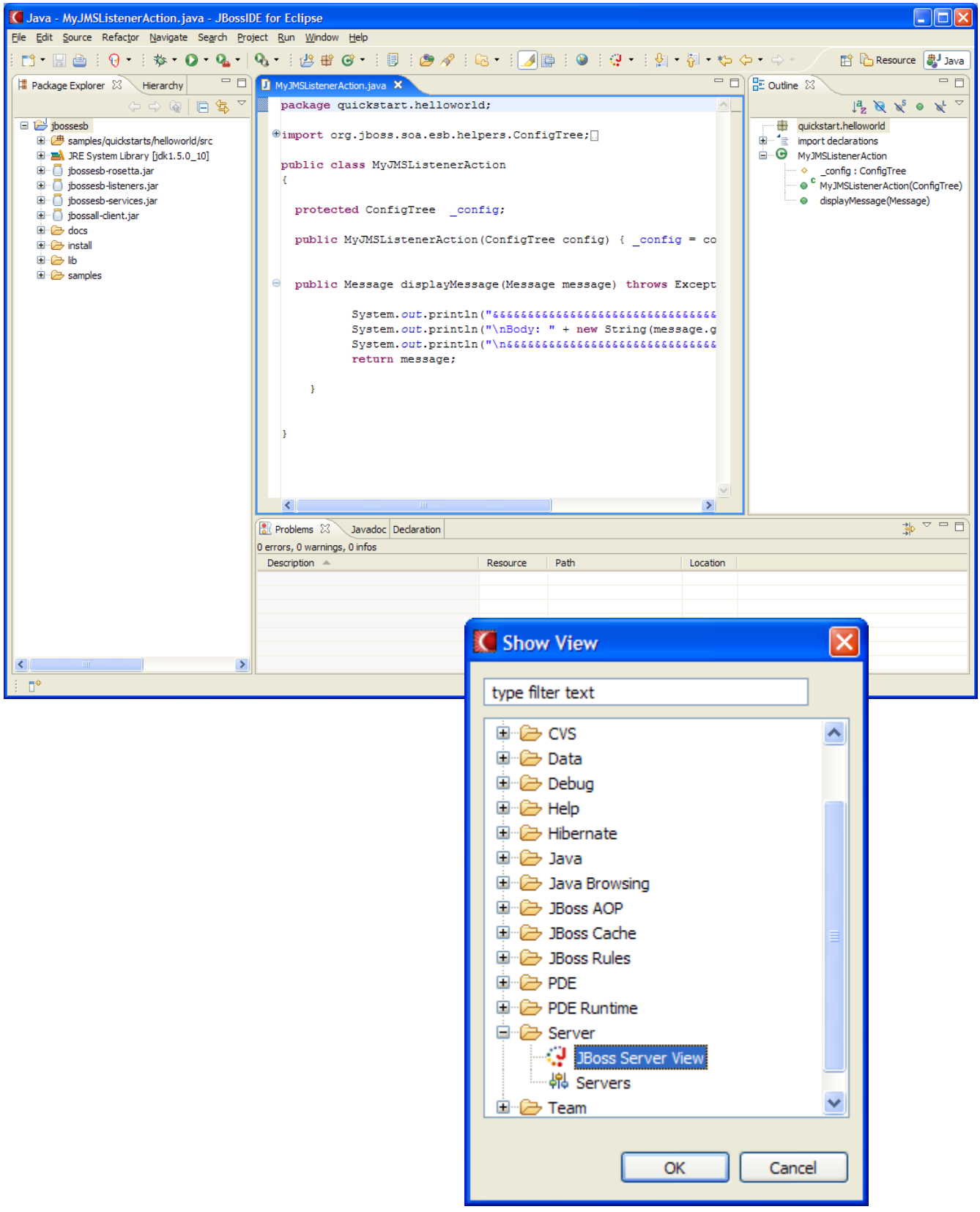
In resource perspective it now looks like



Add the following jars to your classpath

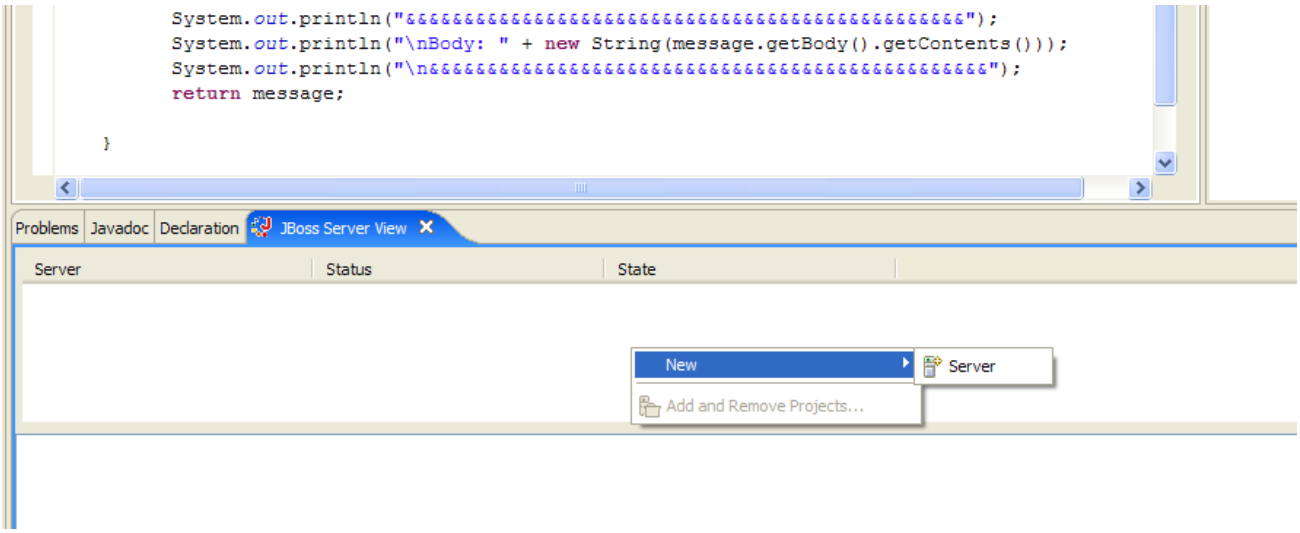


and add the quickstart/helloworld folder a source folder:

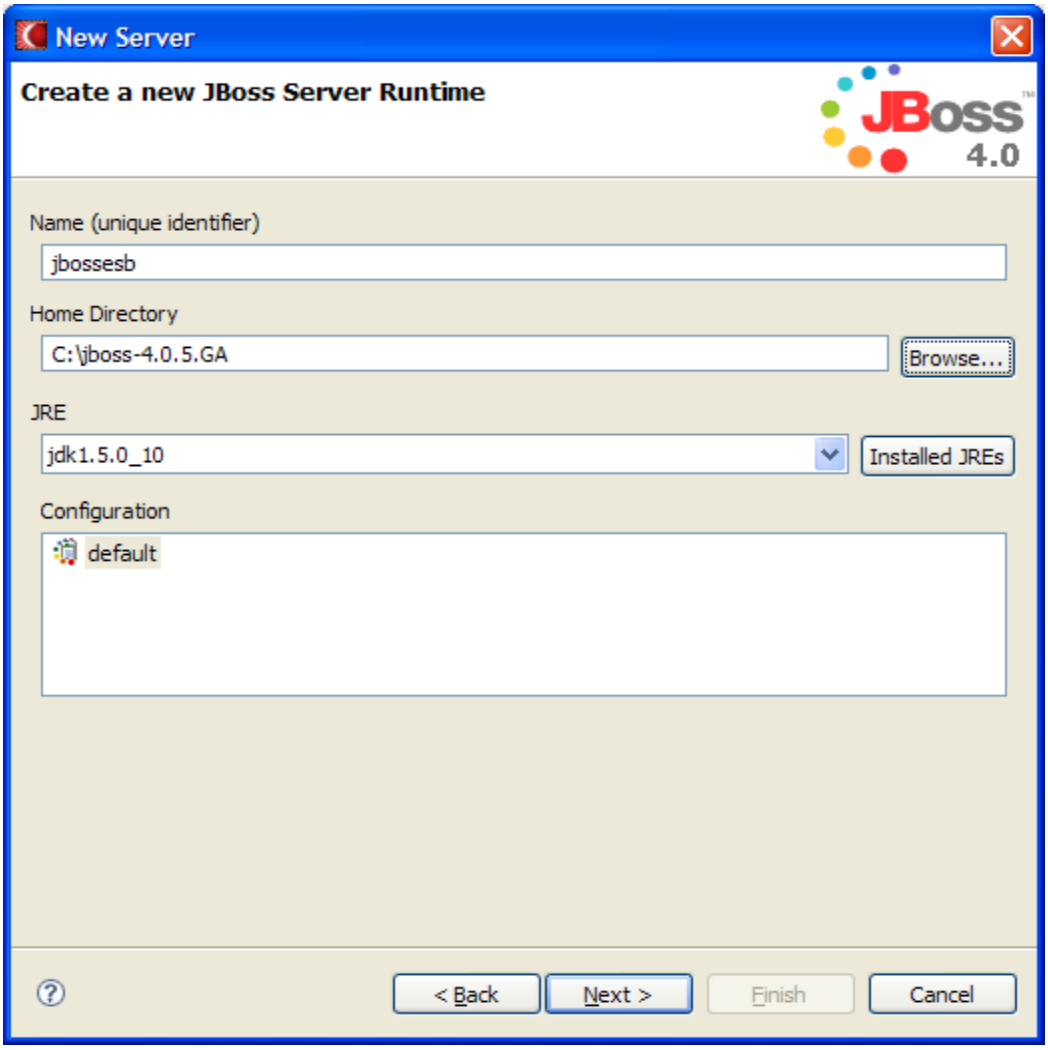


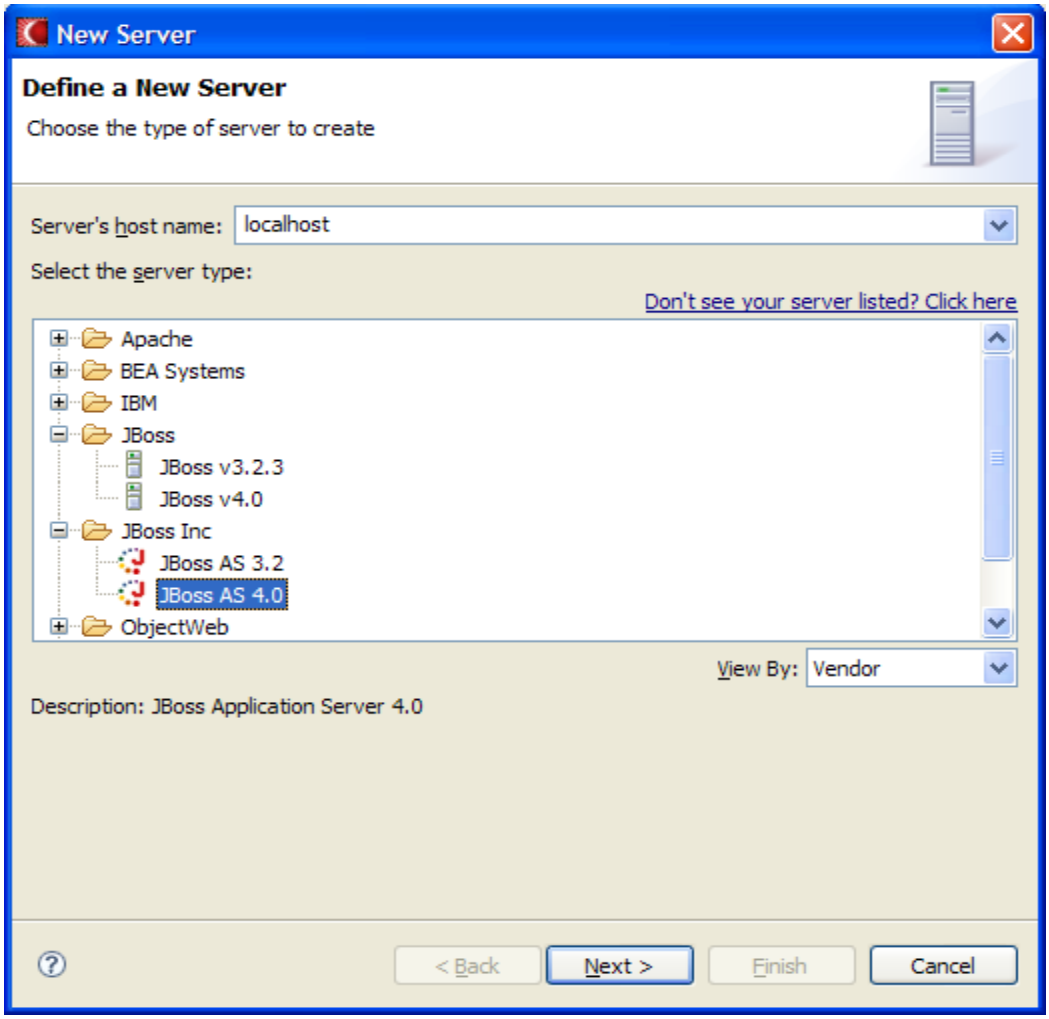
Now add a server configuration:

Right click in the 'server view' window and add a new server:

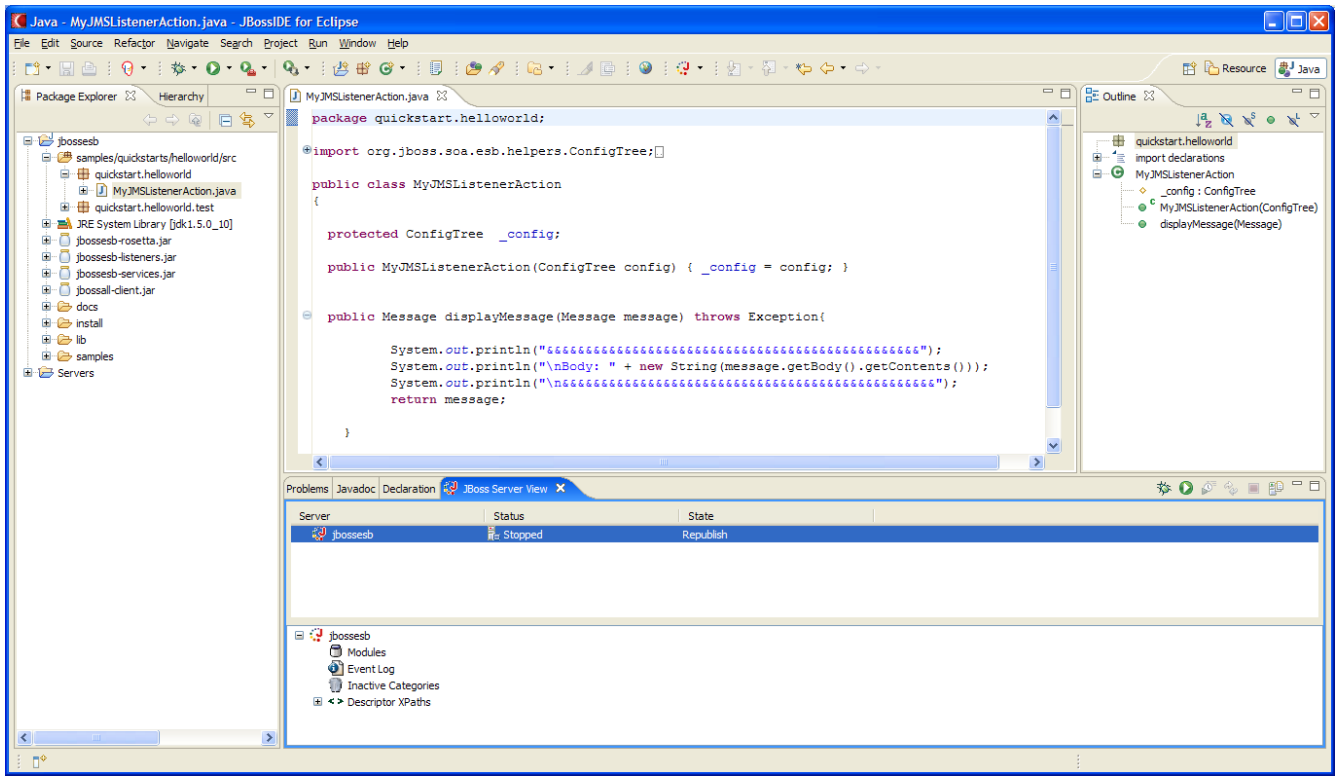


Set the name to jbossesb, and set the home directory to [C:\jboss-4.0.5.GA](C:\jboss-4.0.5.GA)

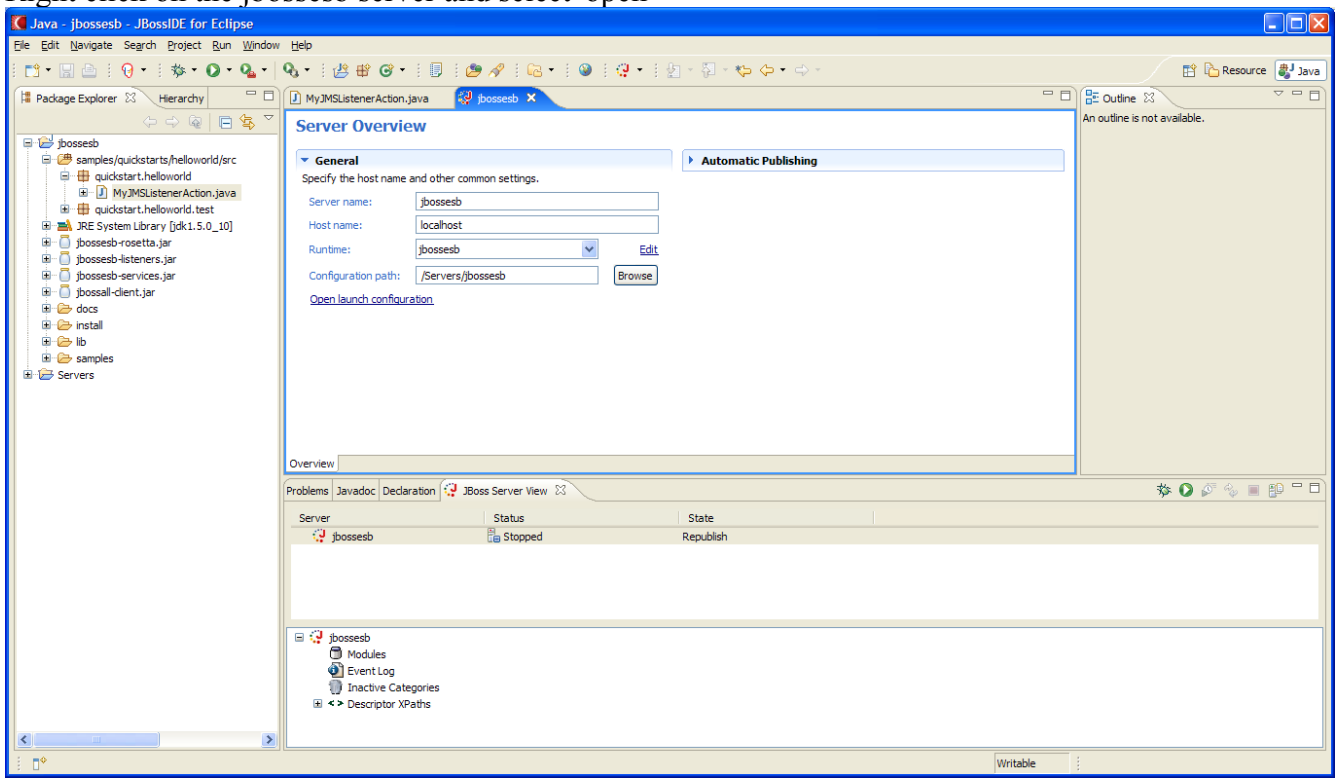



New Server
Define a New Server
Choose the type of server to create
Server's host name:
localhost
Select the server type:
Don't see your server listed? Click here
Apache
BEA Systems
IBM
JBoss
JBoss v3.2.3
JBoss v4.0
JBoss Inc
JBoss AS 3.2
JBoss AS 4.0
ObjectWeb
View By:
Vendor
Description: JBoss Application Server 4.0
< Back
Next >
Finish
Cancel

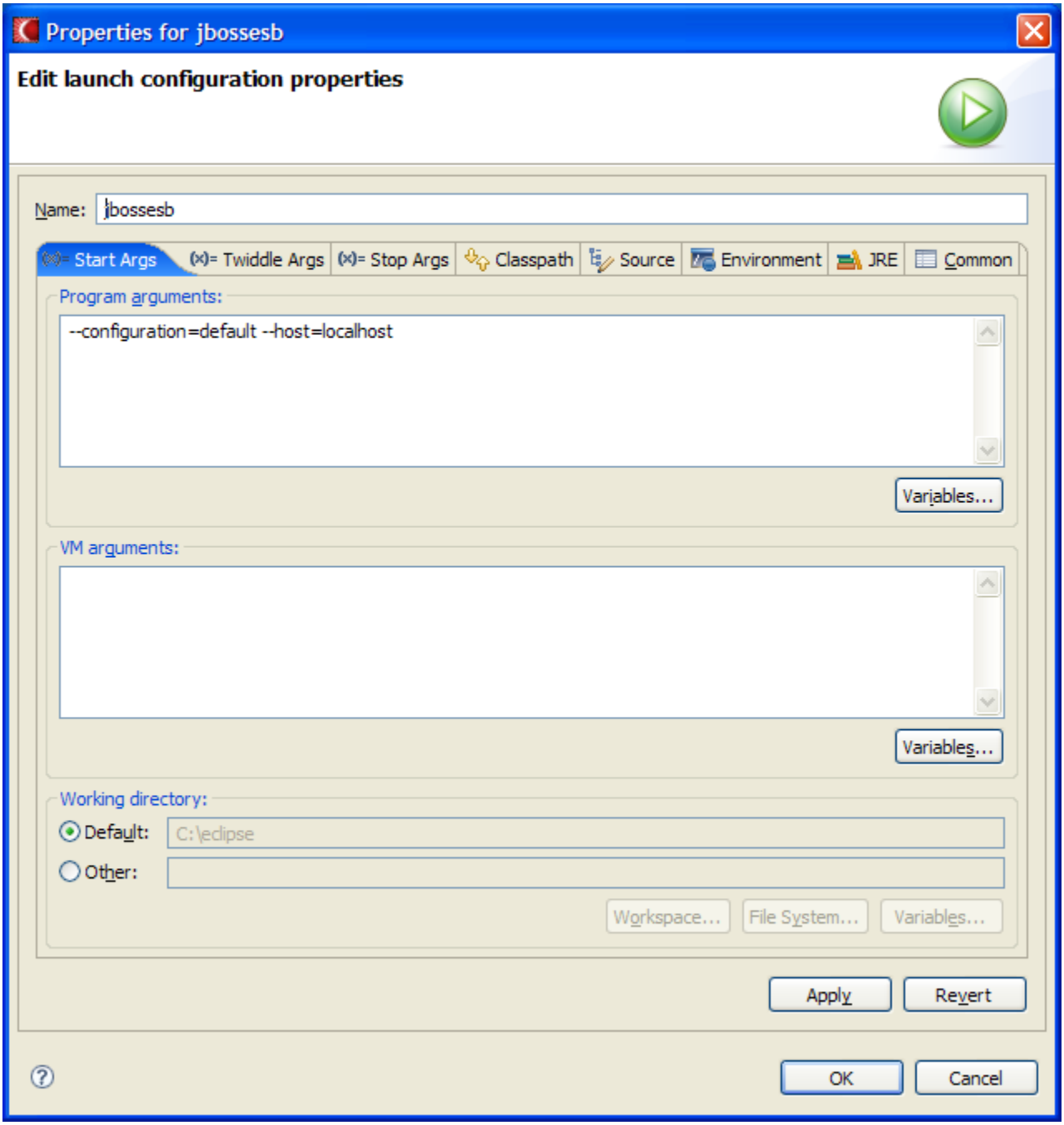
Click next, and then finish and see the jbossesb in your server view

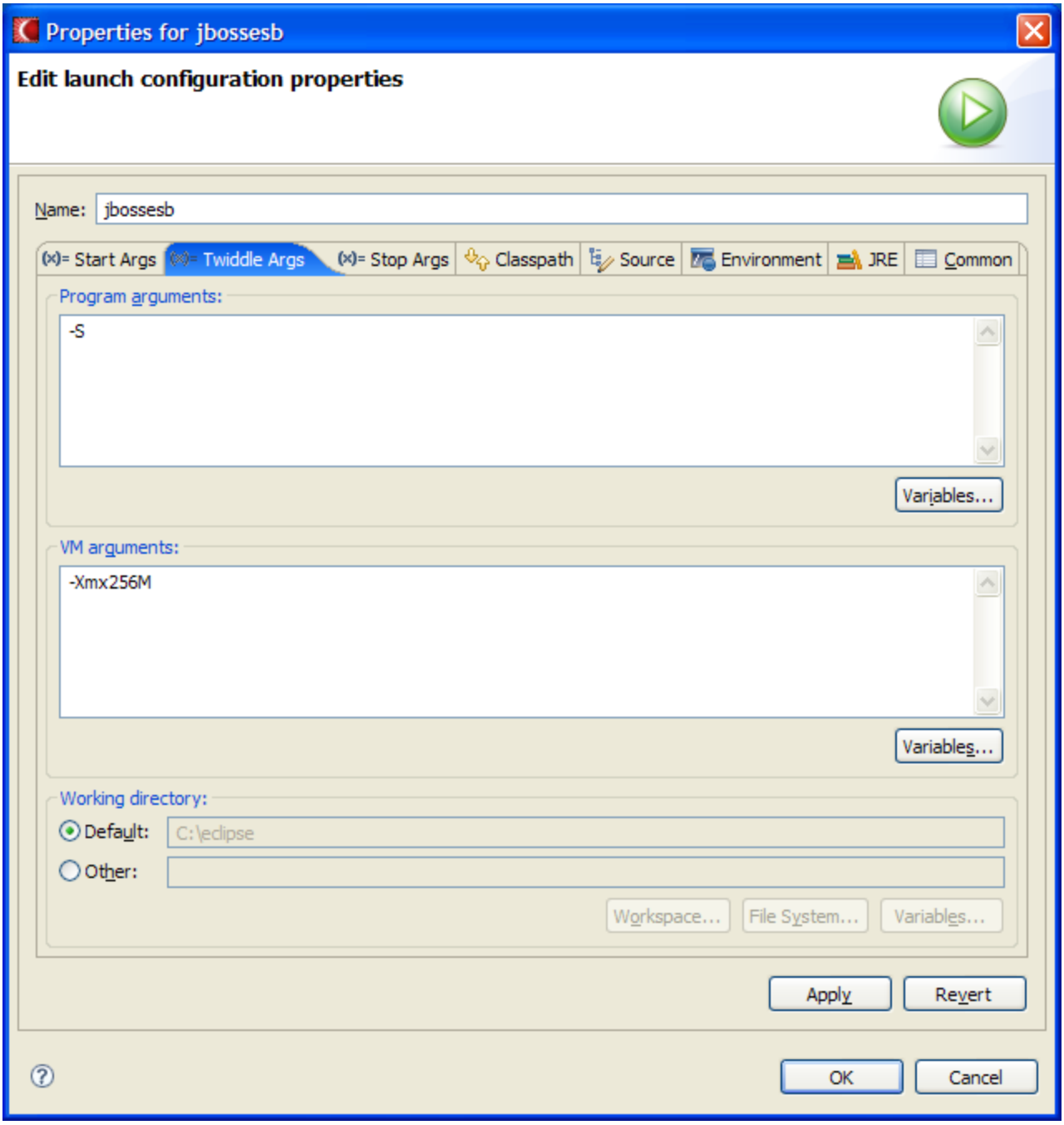


Right click on the jbossesb server and select 'open'



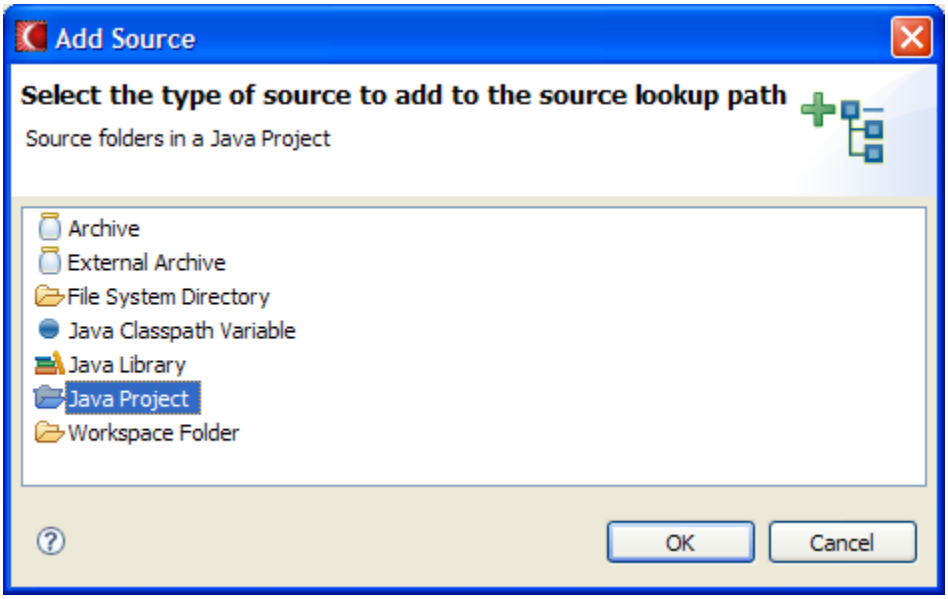
Click on 'Open Launch Configuration



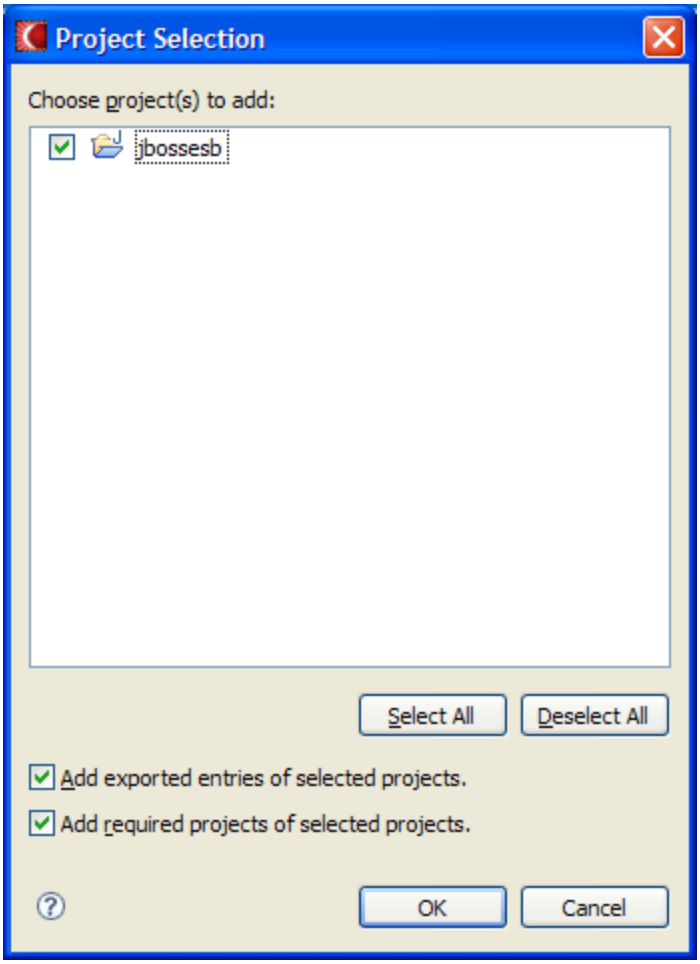


Add -Xmx256M in the VM arguments

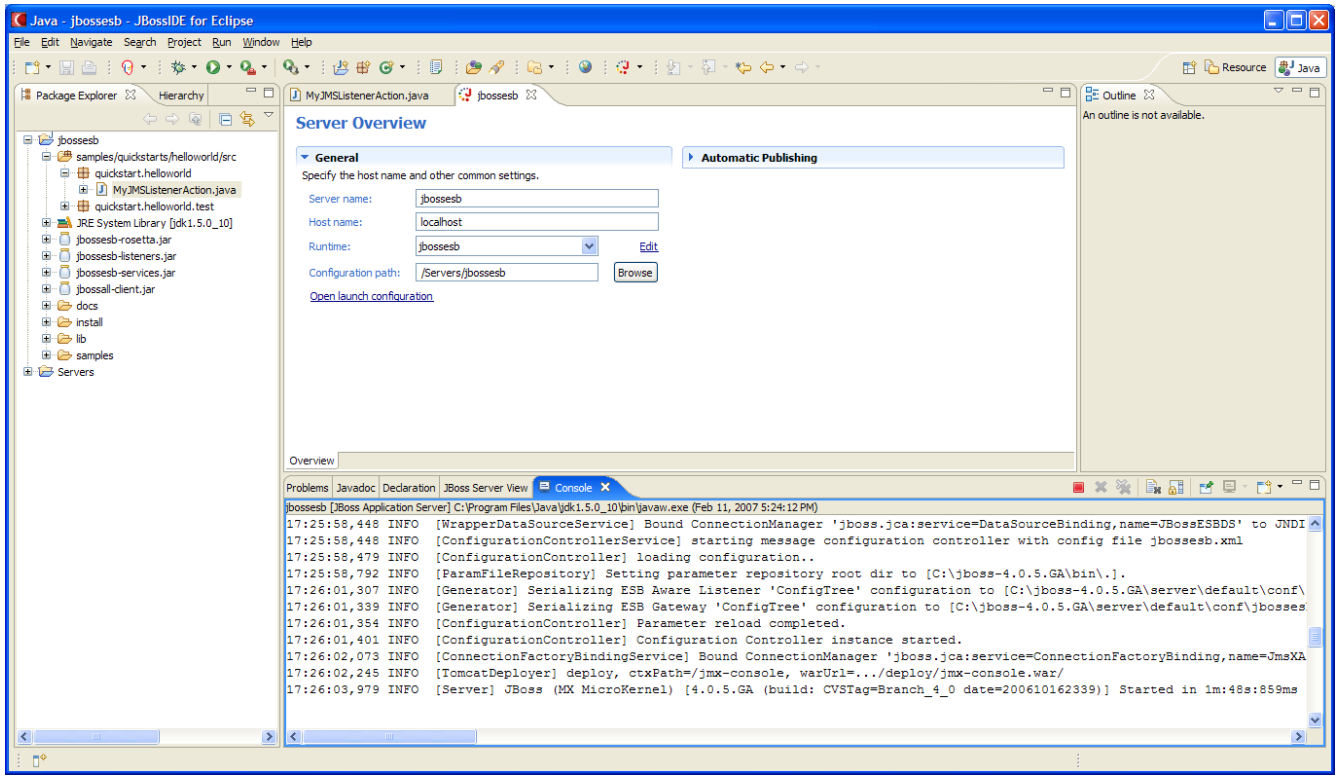
Goto to the source tab and click 'add'



Select the jbossesb project

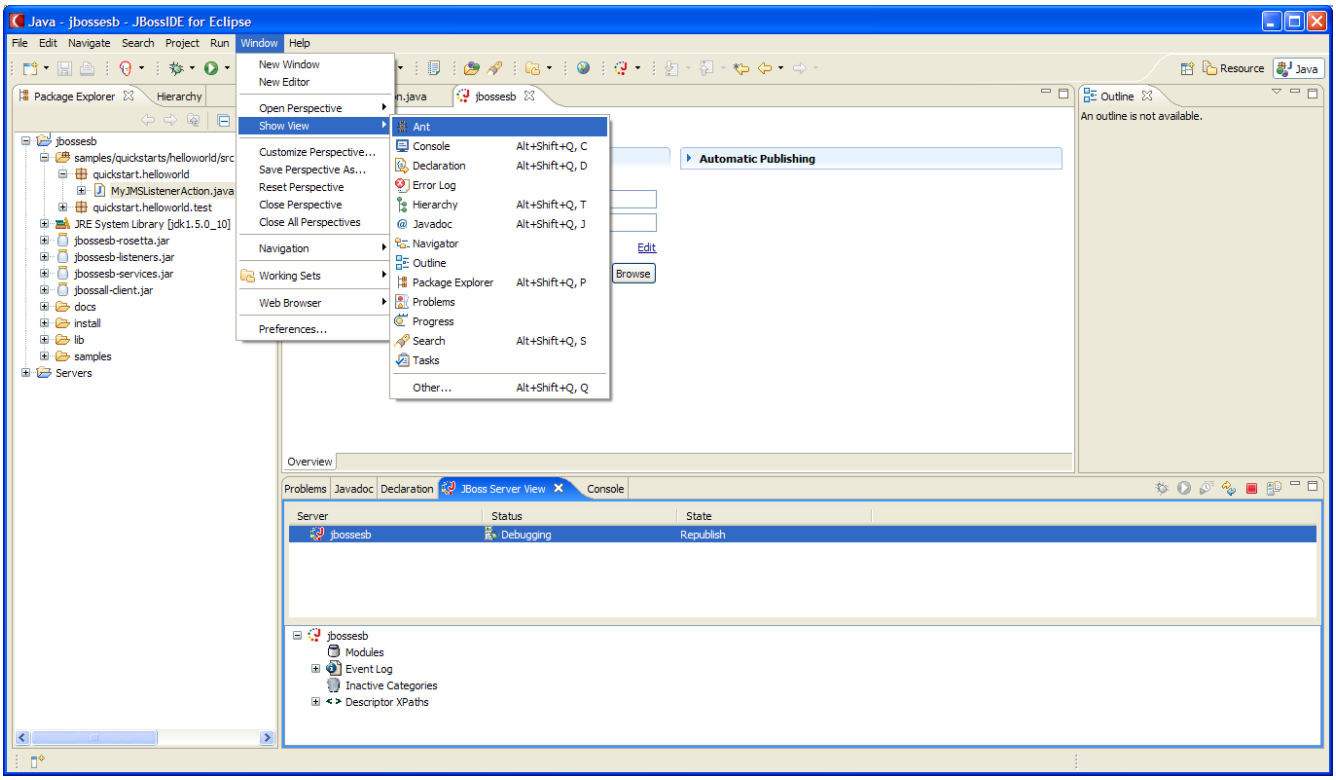


Now click the little bug to start the server and see the log start scrolling by:

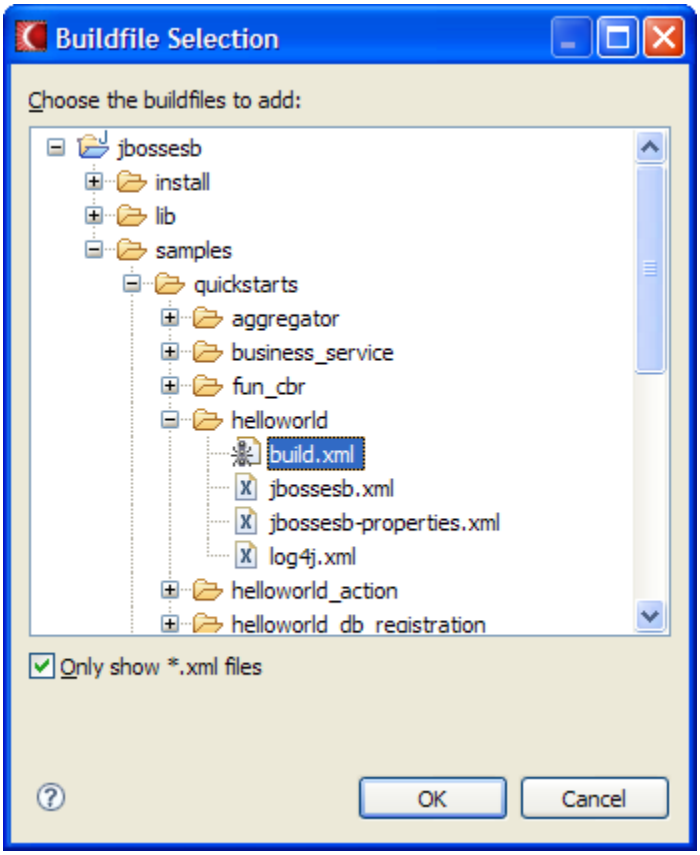


JBossESB is now up and running :).

Now we want to deploy helloworld. Let's add the 'ant view'



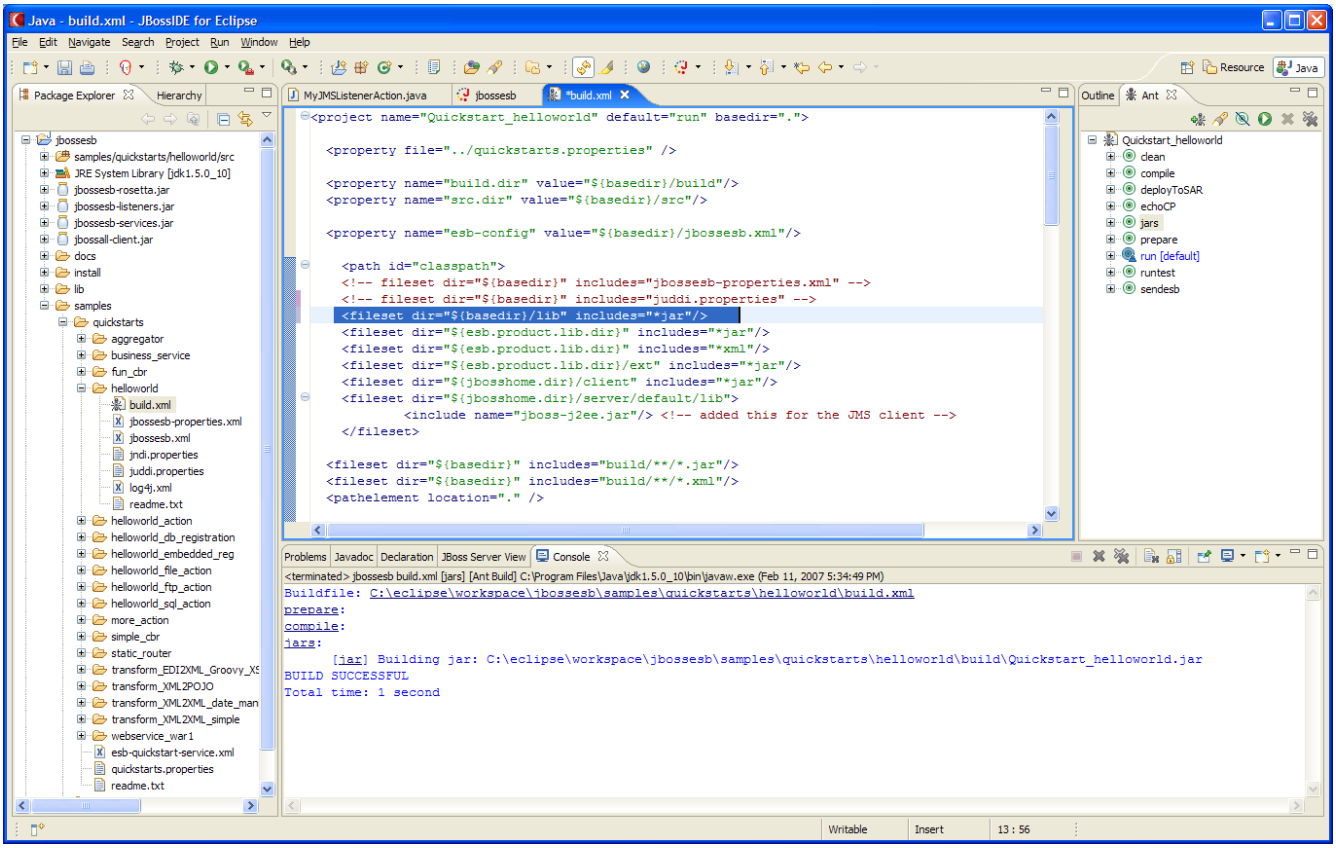
Right click in the new 'Ant' panel on the right and select add build file. Select the helloworld/build.xml



Also open the same build.xml in your editor and remove line 28:

```
 <fileset dir="${basedir}/lib" includes="*jar"/>
```

```
There is no such directory.
```

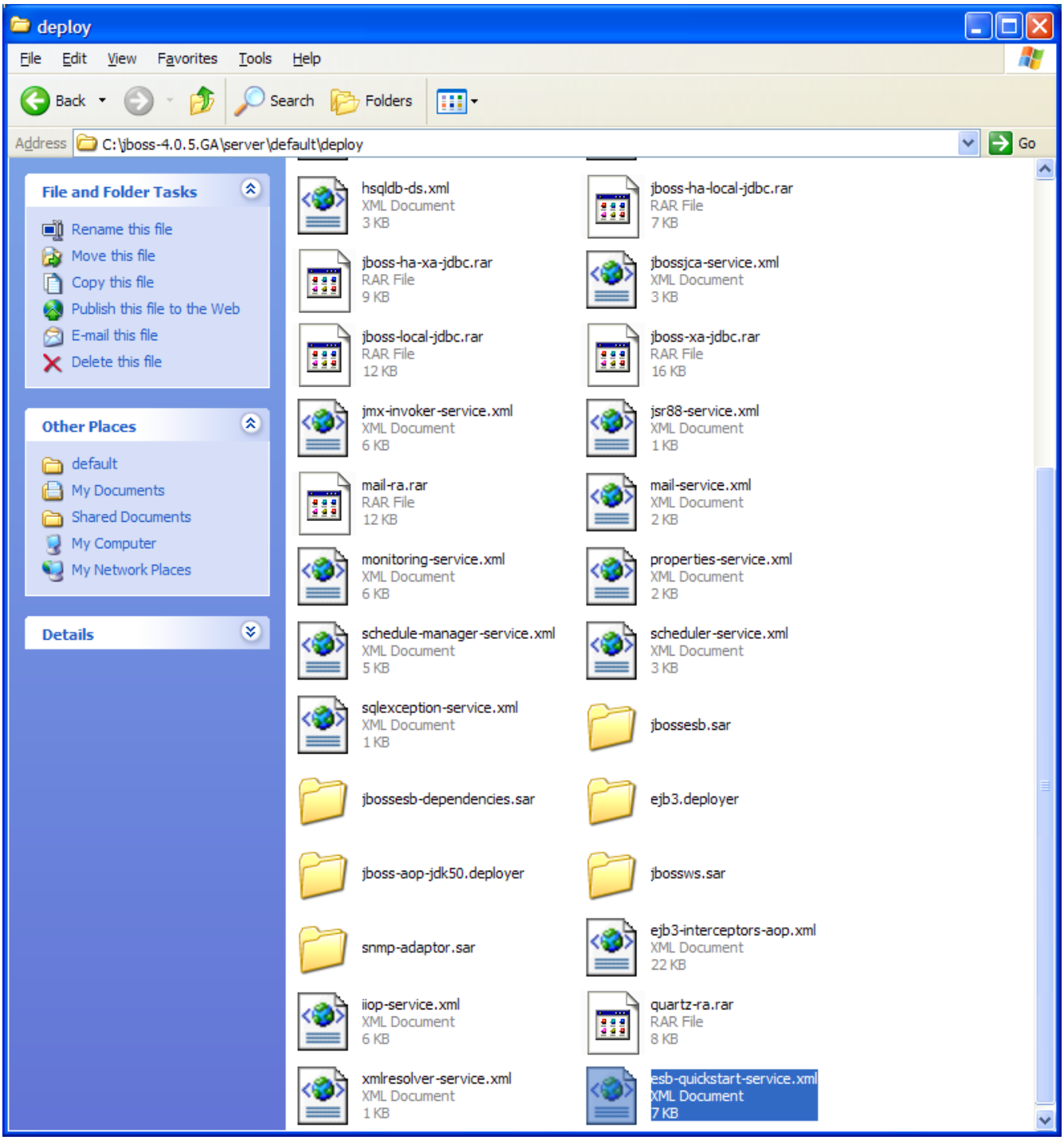


In the compile target add: debug=”true” to make sure debugging works

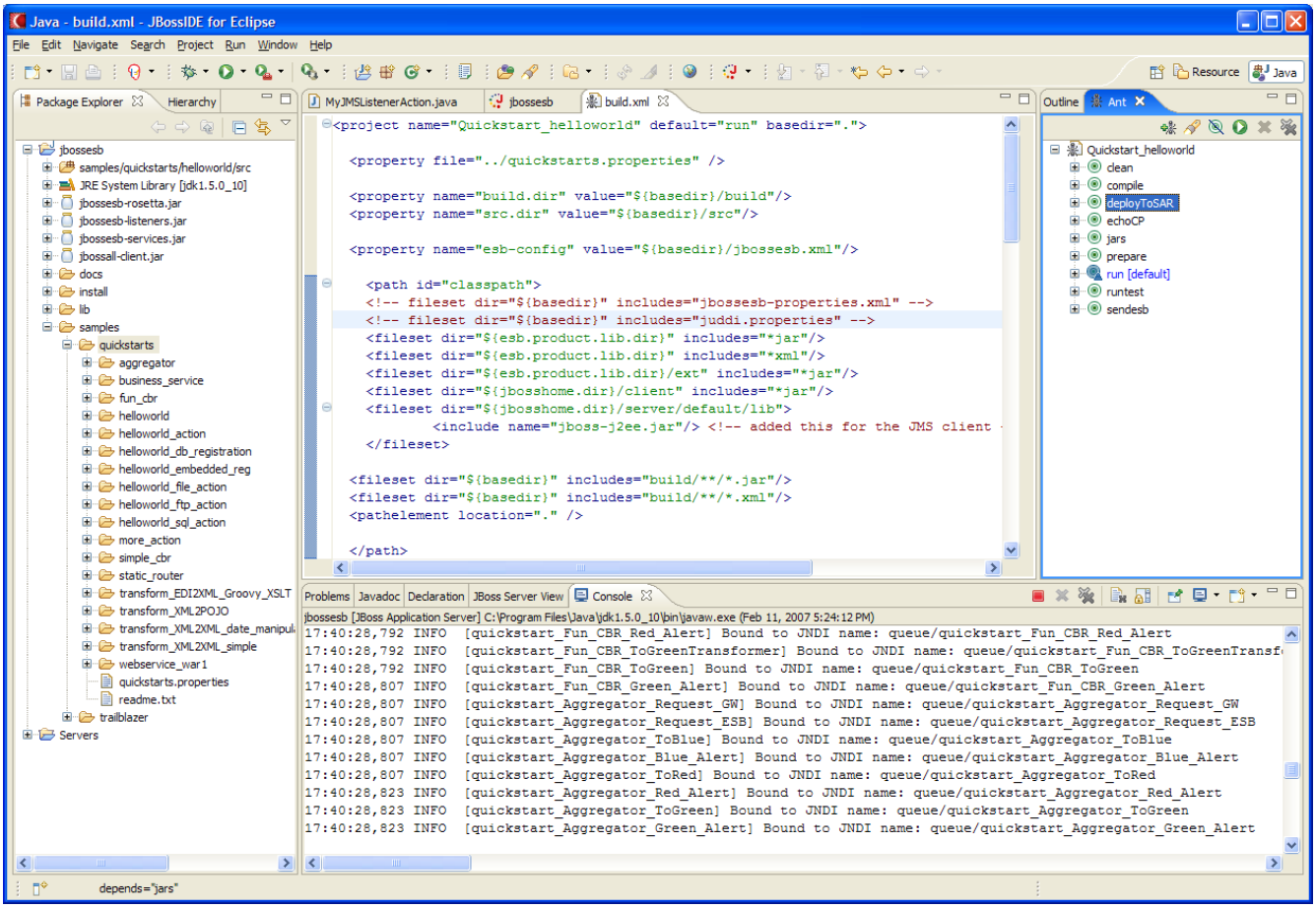
```
<target name="compile" depends="prepare">
      <javac srcdir="${src.dir}"
            debug="true"
         destdir="${build.dir}">
        <classpath refid="classpath"/>
      </javac>
  </target>
```

Now you if you followed the same defaults you can leave the quickstart.properties alone, if not you have to edit it.

Next you have to manually copy the quickstarts/esb-quickstart-service.xml to the C:\jboss-4.0.5.GA\server\default\deploy directory



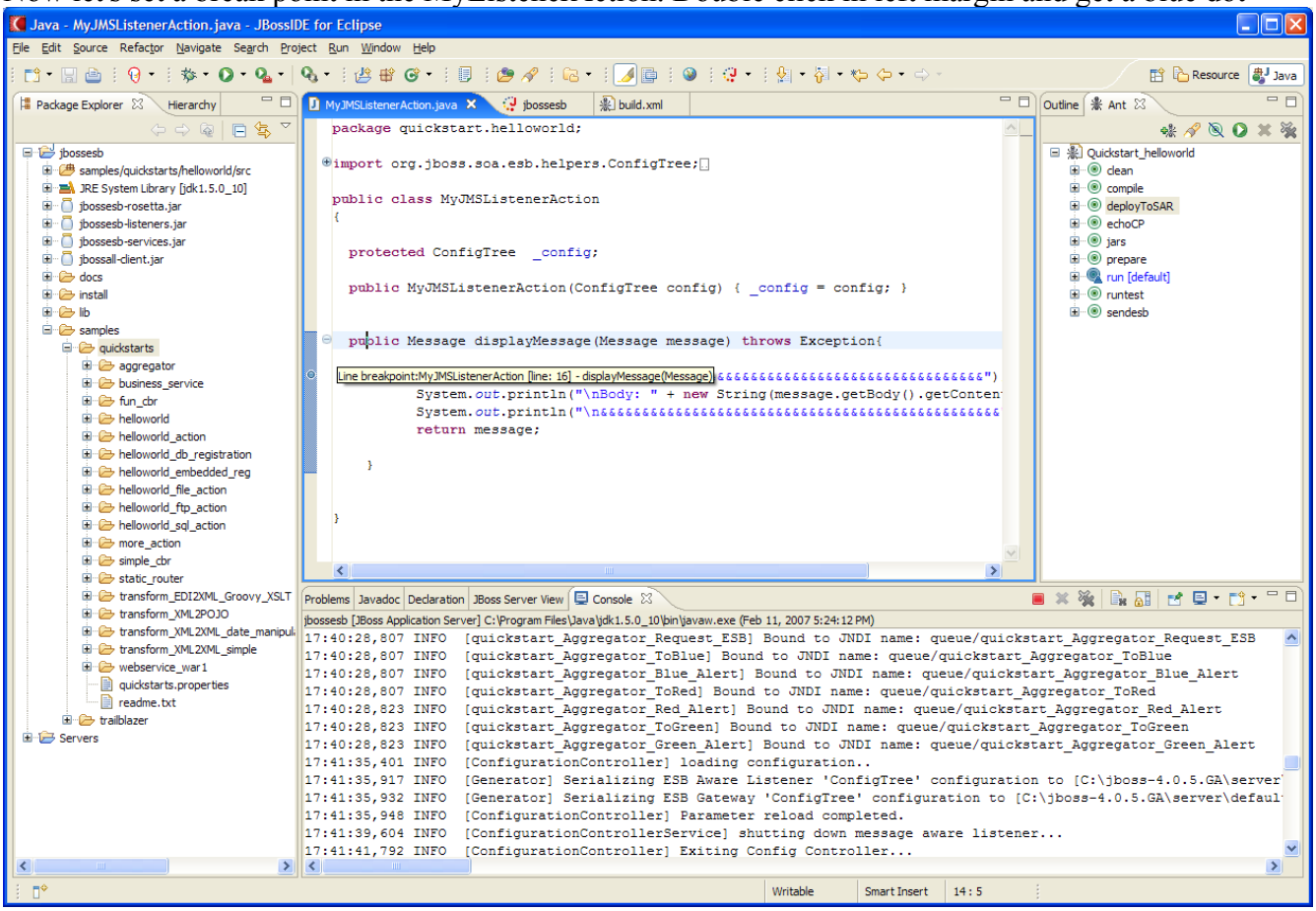
Run 'clean', 'compile' and then 'deployToSar'



This deploys the helloworld code and configuration to jboss. See the console scroll:

```
17:41:35,401 INFO  [ConfigurationController] loading configuration..
17:41:35,917 INFO  [Generator] Serializing ESB Aware Listener 'ConfigTree'
configuration to [C:\jboss-4.0.5.GA\server\default\conf\jbossesb-listener.xml].
17:41:35,932 INFO  [Generator] Serializing ESB Gateway 'ConfigTree' configuration
to [C:\jboss-4.0.5.GA\server\default\conf\jbossesb-gateway.xml].
17:41:35,948 INFO  [ConfigurationController] Parameter reload completed.
17:41:39,604 INFO  [ConfigurationControllerService] shutting down message aware
listener...
17:41:41,792 INFO  [ConfigurationController] Exiting Config Controller...
17:41:47,417 INFO  [ConfigurationControllerService] starting message configuration
controller with config file jbossesb.xml
17:41:47,448 INFO  [ConfigurationController] loading configuration..
17:41:47,714 INFO  [ParamFileRepository] Setting parameter repository root dir to
[C:\jboss-4.0.5.GA\bin\.].
17:41:48,370 INFO  [Generator] Serializing ESB Aware Listener 'ConfigTree'
configuration to [C:\jboss-4.0.5.GA\server\default\conf\jbossesb-listener.xml].
17:41:48,385 INFO  [Generator] Serializing ESB Gateway 'ConfigTree' configuration
to [C:\jboss-4.0.5.GA\server\default\conf\jbossesb-gateway.xml].
17:41:48,401 INFO  [ConfigurationController] Parameter reload completed.
17:41:51,073 INFO  [ConfigurationController] Configuration Controller instance
started.
```

Now let's set a break point in the MyListenerAction. Double click in left margin and get a blue dot



Now from the Ant View let's send in a message by double clicking 'runtest'

And see the following output in the console

```
17:53:22,901 INFO  [STDOUT] &&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&
17:53:22,901 INFO  [STDOUT]
Body: Hello World
17:53:22,901 INFO  [STDOUT]
&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&
```