

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

JBoss.ORG - Mozilla Firefox

http://jboss.com/portal/jbosside/download/index.html

JBoss IDE for Eclipse Downloads

JBoss IDE for Eclipse tools are available through the Eclipse Install/Update Manager or as a zip bundle (below). Installing JBoss IDE for Eclipse using the **Eclipse Install/Update manager is preferred** since it allows the automatic notification and download of future JBoss IDE for Eclipse releases. To learn how to install/upgrade JBoss IDE for Eclipse, please refer to the [JBoss IDE for Eclipse Installation Guide](#). The following download bundles are for those who do not wish to use the Eclipse Install/Update Manager.

Package	Version	Category	Size	Released	License	Notes	Download
JBoss IDE for Eclipse	2.0.0 Beta2	Development	119 MB	2006-10-11	LGPL	Notes	Download
	1.6.0.GA	Stable	79 MB	2006-05-18	LGPL	Notes	Download
	1.5.1.GA	Stable	71 MB	2006-03-06	LGPL	Notes	Download

JBossIDE 2.0.0.Beta2 Download Details

Package Name	JRE/JDK Version	Eclipse Version	Webtools Version	Comments
JBossIDE Bundle (JBossIDE+Webtools+Eclipse)	1.5	3.2.1	1.5.1	This zip contains a completely self-contained distribution of JBossIDE 2.0.0.Beta2, Webtools 1.5.1, and Eclipse 3.2.1.
JBossIDE-2.0.0.Beta2-Bundle-win32.zip	md5			
JBossIDE-2.0.0.Beta2-Bundle-linux-gtk.tar.gz	md5			
All JBossIDE plugins	1.5	3.2.1	1.5.1	This zip includes all plugins of JBossIDE 2.0.0.Beta2.
JBossIDE-2.0.0.Beta2-ALL.zip	md5			
JBossAS Tools	All	3.2.1	1.5.1	JBossAS Tools (WTP based adapter) 1.0.0.Beta2 (standalone).
JBossIDE-JBossAS-Tools-1.0.0.Beta2.zip	md5			
JBossIDE-JBossAS-Tools-nodeps-1.0.0.Beta2.zip	md5			
EJB3 Tools	1.5	3.2.1	1.5.1	EJB3 Tools 1.1.0.Beta2 (standalone).
JBossIDE-EJB3-Tools-1.1.0.Beta2.zip	md5			
JBossIDE-EJB3-Tools-nodeps-1.1.0.Beta2.zip	md5			
Hibernate Tools	All	3.2.1	1.5.1	Hibernate Tools 3.2 beta 8 (standalone).
HibernateTools-3.2.0.beta8.zip	md5			
HibernateTools-nodeps-3.2.0.beta8.zip	md5			
jBPM Designer	All	3.2.1	1.5.1	jBPM Designer 3.0.12 (standalone).
jBPM-Designer-3.0.12.zip	md5			
jBPM-Designer-nodeps-3.0.12.zip	md5			

http://prdownloads.sourceforge.net/jboss/JBossIDE-2.0.0.Beta2-Bundle-win32.zip?download

2. Download jbossesb-4.0GA-bundle.zip

The screenshot shows the JBoss.ORG website in Mozilla Firefox. The browser address bar shows <http://labs.jboss.com/portal/jbossesb/downloads>. The page title is "JBoss ESB" and the main heading is "You are browsing category: JBoss ESB". Below this, it says "Downloads for JBoss ESB." and "Subcategories:". There is a table listing various JBoss ESB releases with columns for Name, Description, and a "Browse" link.

Name	Description	
JBossESB 4.0 CR2	CR2 of JBossESB 4.0	Browse
JBossESB 4.0 RC1	RC1 of JBossESB 4.0	Browse
JBossESB 4.0Beta1 MP1	Maintenance Patch 1 for JBossESB 4.0Beta1 Binary release	Browse
JBossESB 4.0Beta1	JBossESB 4.0Beta1	Browse
JBossESB 4.0Alpha1	JBossESB 4.0Alpha1	Browse
JBossESB 1.0Alpha1	JBossESB 1.0Alpha1	Browse

Below the subcategories table, there is a "Files:" section with another table listing download files:

Name	Description	Size	Released	License		
jbossesb-4.0GA-src.zip	The JBossESB 4.0 GA Source	51 MB	2/1/07	LGPL	Download	Notes
jbossesb-4.0GA-bundle.zip	The JBossESB 4.0 GA Binary pre-configured bundle	104 MB	2/1/07	LGPL	Download	Notes
jbossesb-4.0GA.zip	The JBossESB 4.0 GA Binary	51 MB	2/1/07	LGPL	Download	Notes

The browser address bar at the bottom shows the direct download link: <http://labs.jboss.com/file-access/default/members/jbossesb/downloads/4.0GA/binary/jbossesb-4.0GA-bundle.zip>

3. Create a `c:\tmp` directory

4. unzip jbossesb-4.0.GA-bundle.zip in this directory

The screenshot shows a Windows Explorer window titled "tmp" with the address bar set to `C:\tmp`. The main pane displays a list of files and folders:

Name	Size	Type	Date Modified
jbossesb-4.0GA-bundle.zip	107,077 KB	Compressed (zippe...)	2/11/2007 4:09 PM
docs		File Folder	2/11/2007 4:12 PM
install		File Folder	2/11/2007 4:12 PM
javadocs		File Folder	2/11/2007 4:12 PM
Contributors.txt	1 KB	Text Document	2/1/2007 6:00 PM
jboss-4.0.5.GA.zip	54,578 KB	Compressed (zippe...)	2/1/2007 1:41 PM
lib		File Folder	2/11/2007 4:12 PM
JBossORG-EULA.txt	8 KB	Text Document	2/1/2007 5:59 PM
samples		File Folder	2/11/2007 4:12 PM
README_FIRST.txt	1 KB	Text Document	2/1/2007 6:00 PM
tools		File Folder	2/11/2007 4:12 PM
xml		File Folder	2/11/2007 4:12 PM

The left sidebar shows "File and Folder Tasks" with options like "Rename this file", "Move this file", "Copy this file", "Publish this file to the Web", "E-mail this file", and "Delete this file". Below that, "Other Places" shows "Local Disk (C:)" selected.

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

```

/cygdrive/c/tmp/install
kstan@kstan /cygdrive/c/tmp
$ cd install/

kstan@kstan /cygdrive/c/tmp/install
$ ant install
Buildfile: build.xml

check.is.bundle:

install.jboss:
  [echo] This task creates a ready-to-go JBossESB install deployed in /JBoss-
4.0.5.GA (on the root
  [echo]           of your file system) if you have downloaded the bundle.
  [unzip] Expanding: C:\tmp\jboss-4.0.5.GA.zip into \

install:

build.sar:
  [echo] Building JBoss ESB sar file
  [mkdir] Created dir: C:\tmp\lib\jbossesb.sar
  [mkdir] Created dir: C:\tmp\lib\jbossesb.sar\META-INF
  [copy] Copying 1 file to C:\tmp\lib\jbossesb.sar\META-INF
  [copy] Copying 5 files to C:\tmp\lib\jbossesb.sar
  [copy] Copying 3 files to C:\tmp\lib\jbossesb.sar
  [echo] Building JBoss ESB dependencies sar file
  [mkdir] Created dir: C:\tmp\lib\jbossesb-dependencies.sar
  [mkdir] Created dir: C:\tmp\lib\jbossesb-dependencies.sar\META-INF
  [copy] Copying 1 file to C:\tmp\lib\jbossesb-dependencies.sar\META-INF
  [copy] Copying 1 file to C:\tmp\lib\jbossesb-dependencies.sar
  [copy] Copying 29 files to C:\tmp\lib\jbossesb-dependencies.sar

jboss.config.check:

jboss.config.deploy:
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\conf
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\conf
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\conf
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\conf
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\data\hypersonic
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\data\hypersonic
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\data\hypersonic
  [copy] Copying 1 file to c:\jboss-4.0.5.GA\server\default\deploy

jboss.sar.all.deploy:
  [copy] Copying 31 files to c:\jboss-4.0.5.GA\server\default\deploy
  [copy] Copying 9 files to c:\jboss-4.0.5.GA\server\default\deploy

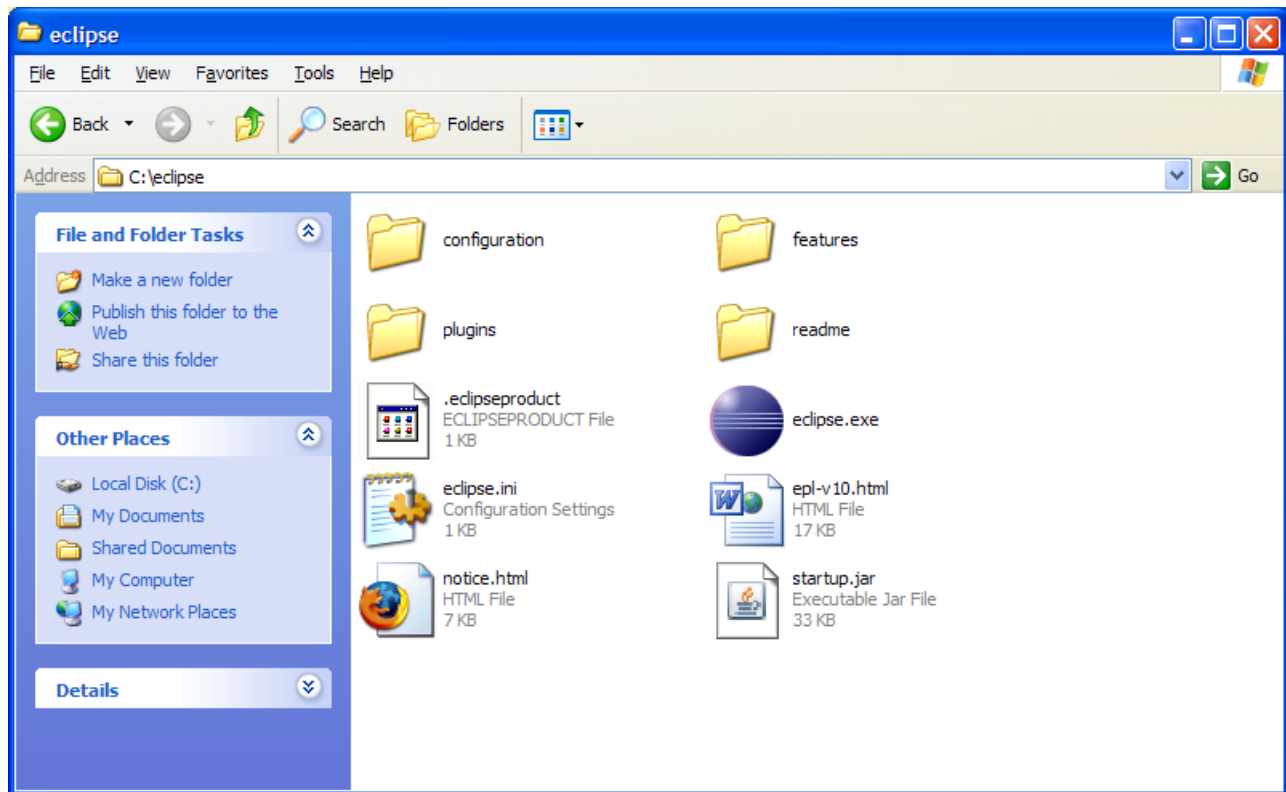
deploy:

BUILD SUCCESSFUL
Total time: 20 seconds

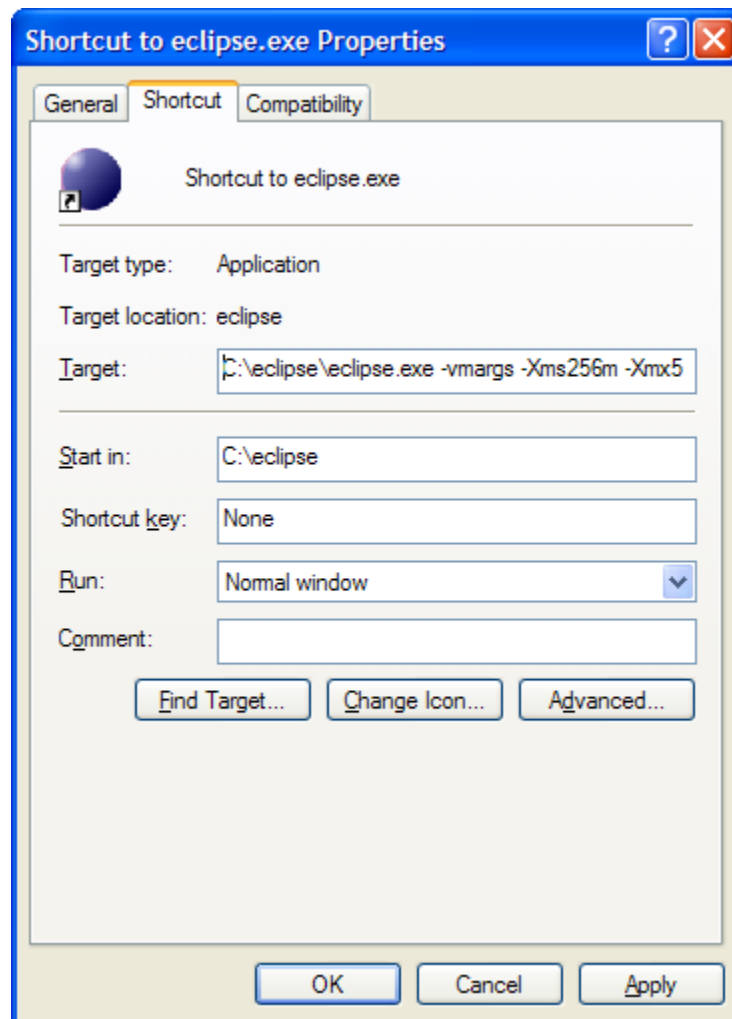
kstan@kstan /cygdrive/c/tmp/install
$ _
```

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

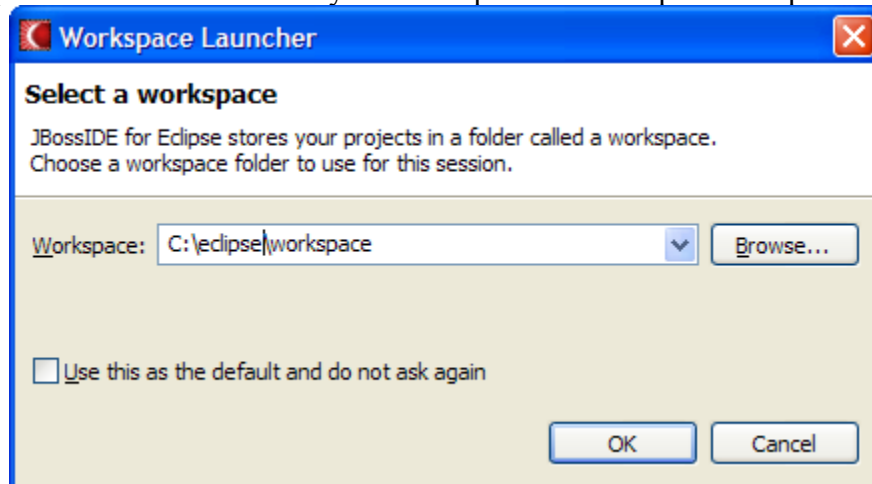


7. Create shortcut to it with target:
C:\eclipse\eclipse.exe -vmargs -Xms256m -Xmx512m -X:MaxPermSize=128M

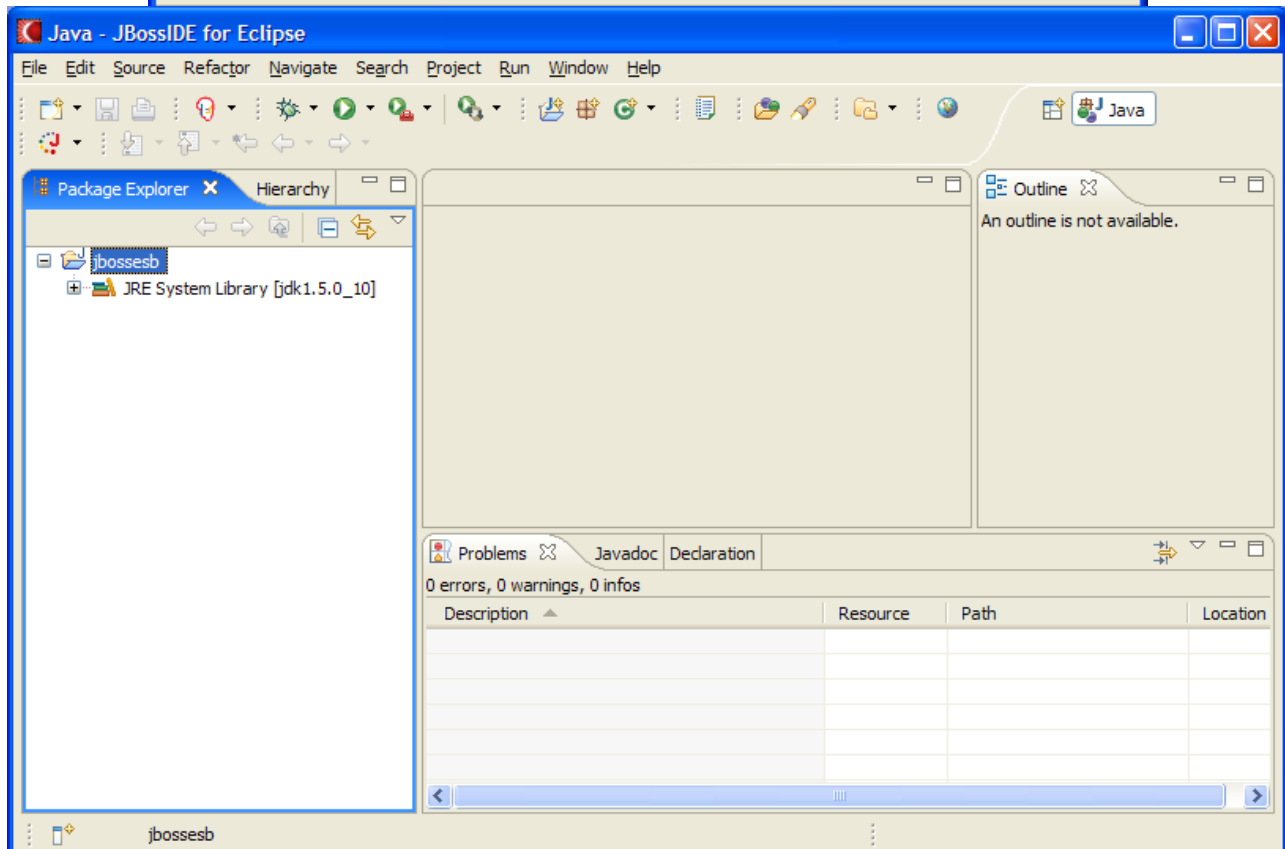
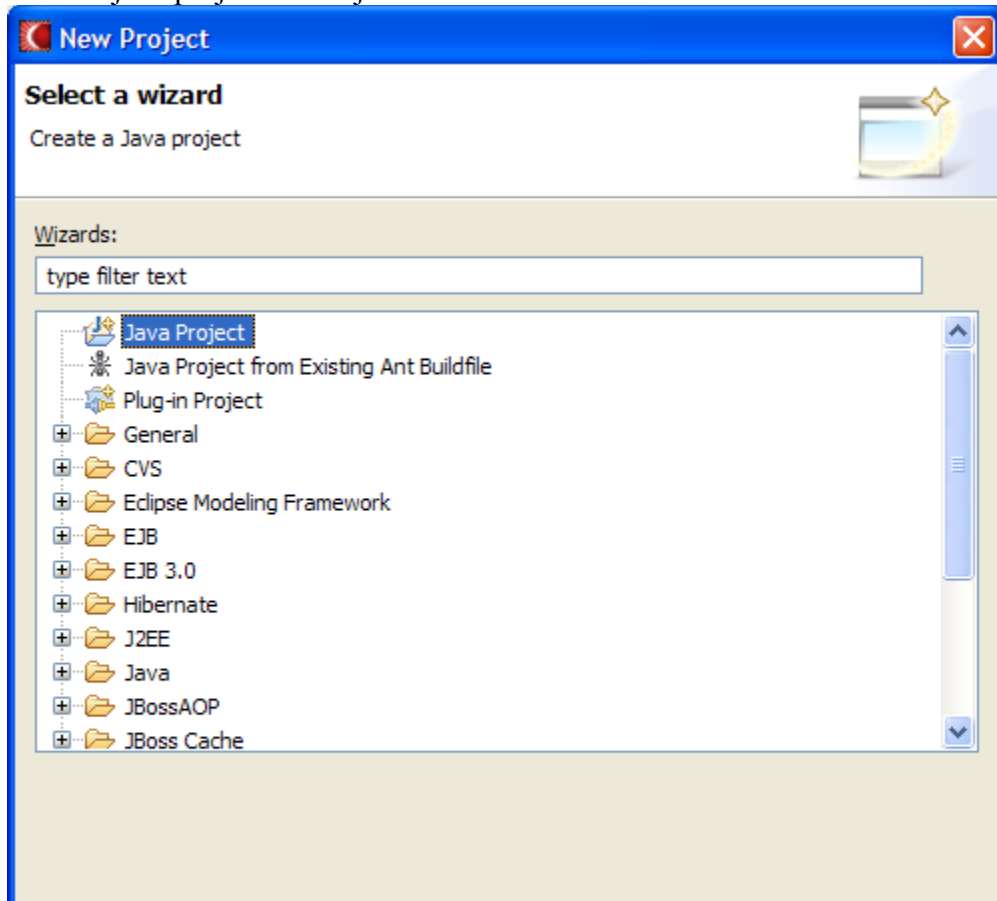


Note that the '-X:MaxPermSize=128M', eclipse used to crash a lot for me without it.

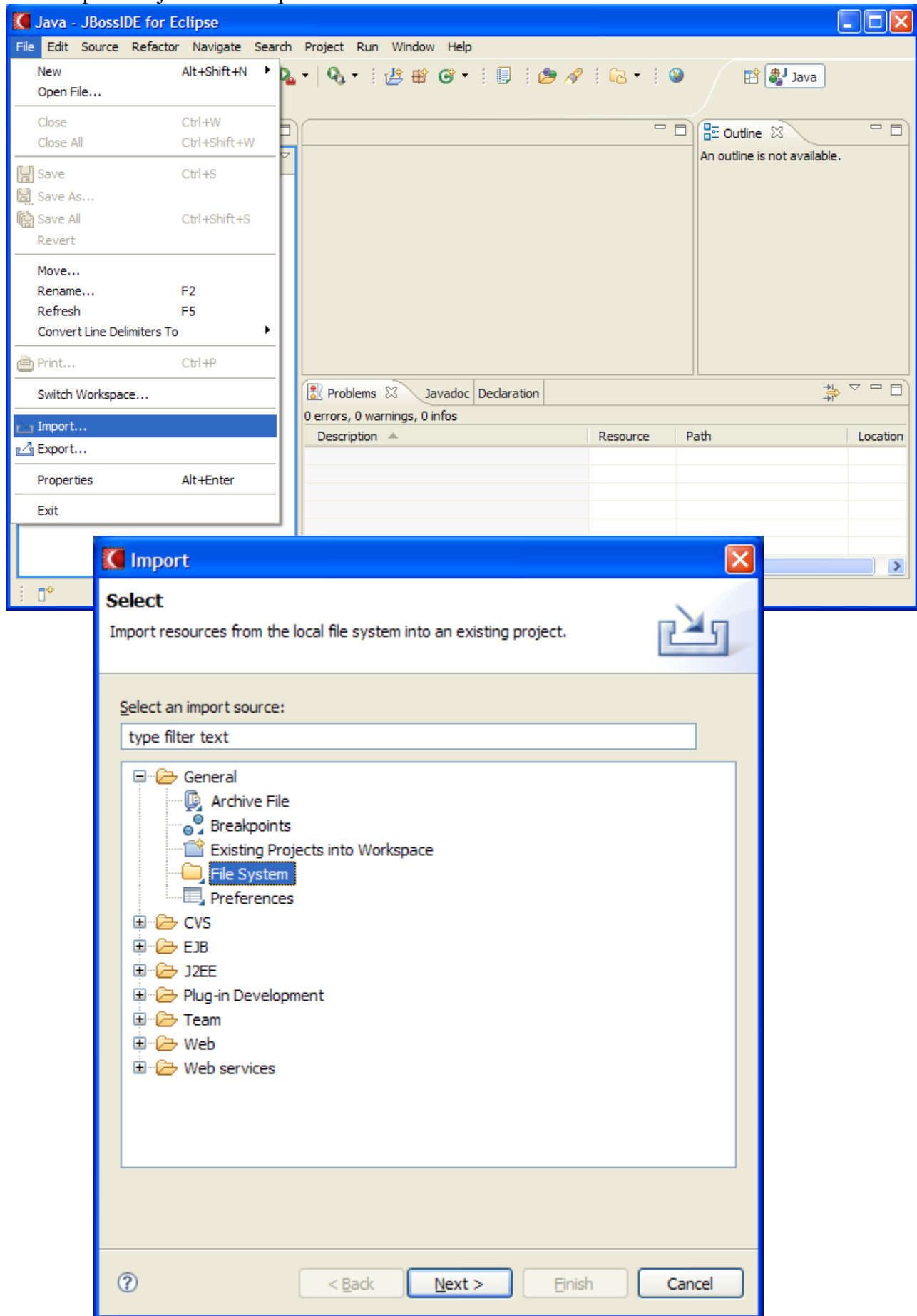
8. Start eclipse from the shortcut. Set your workspace to C:\eclipse\workspace

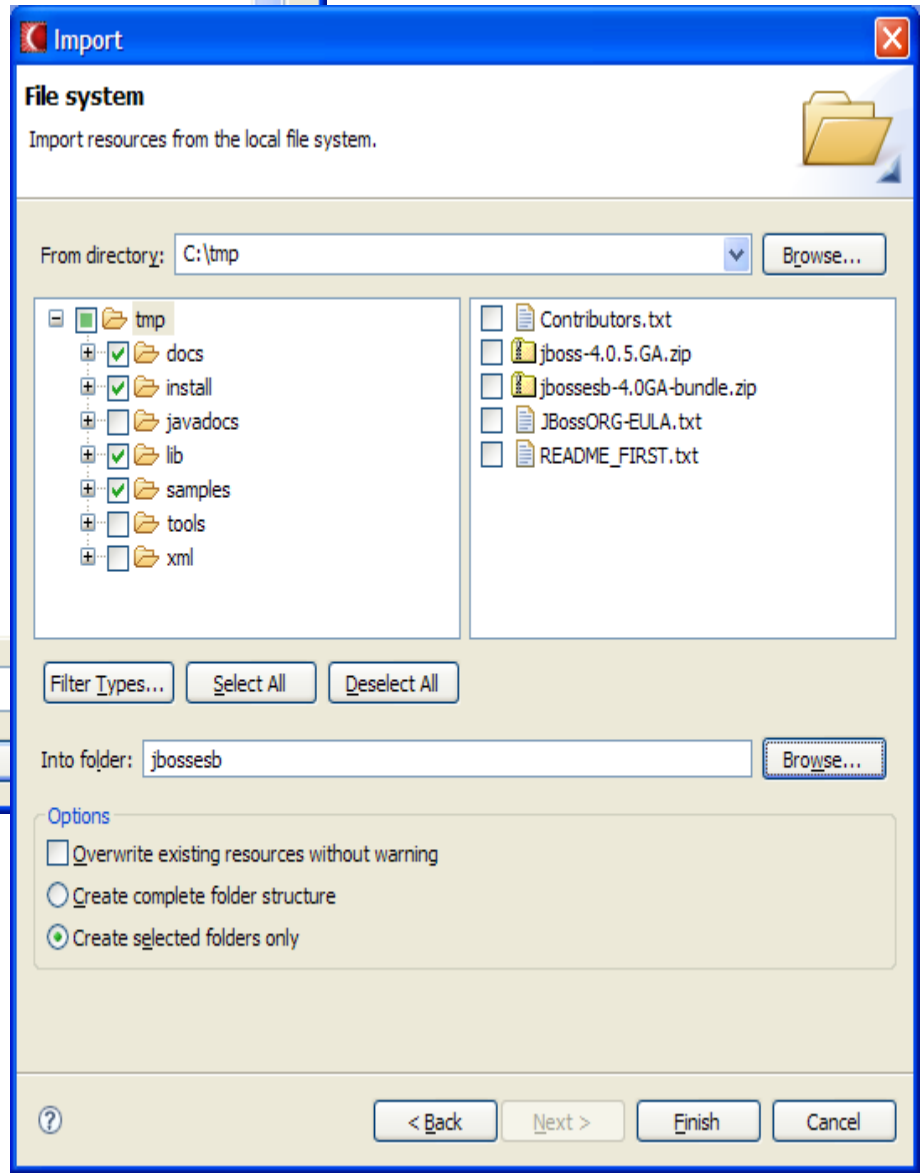
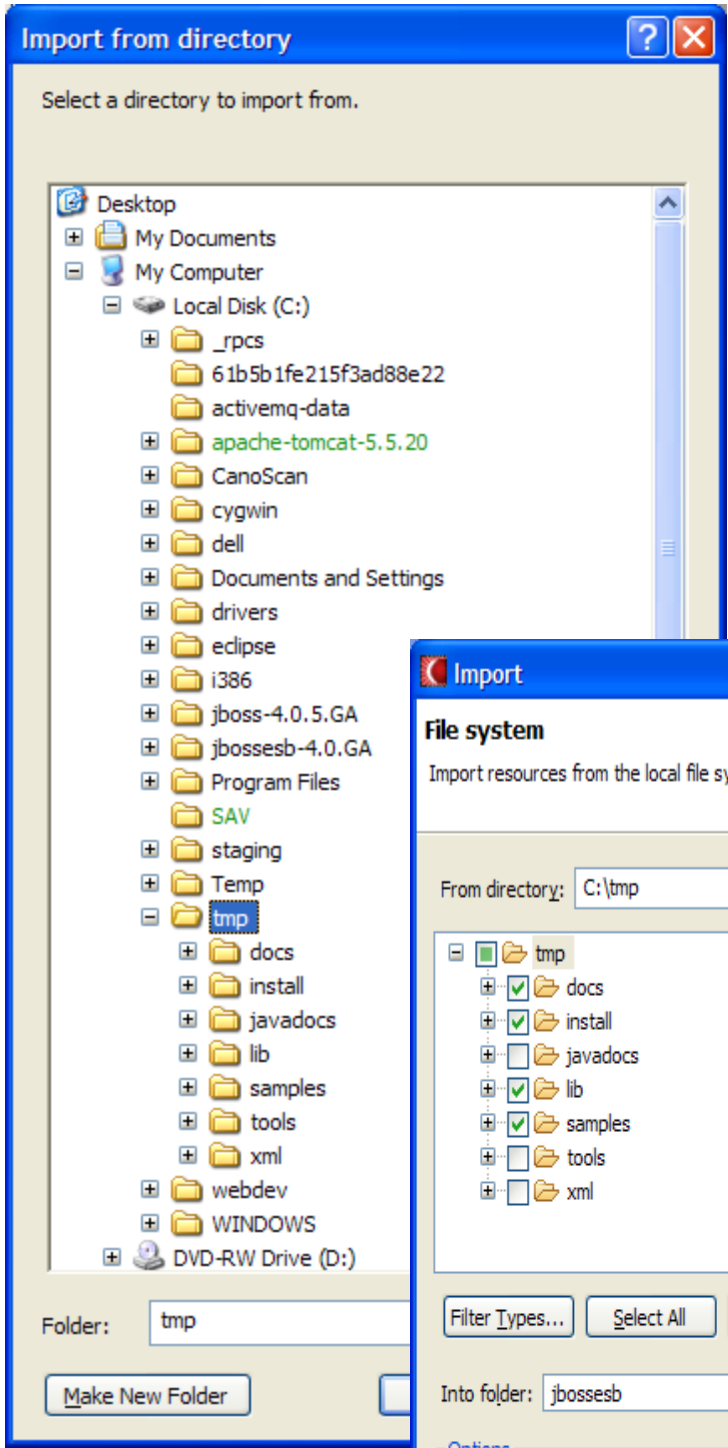


9. Create a new java project called jbossesb

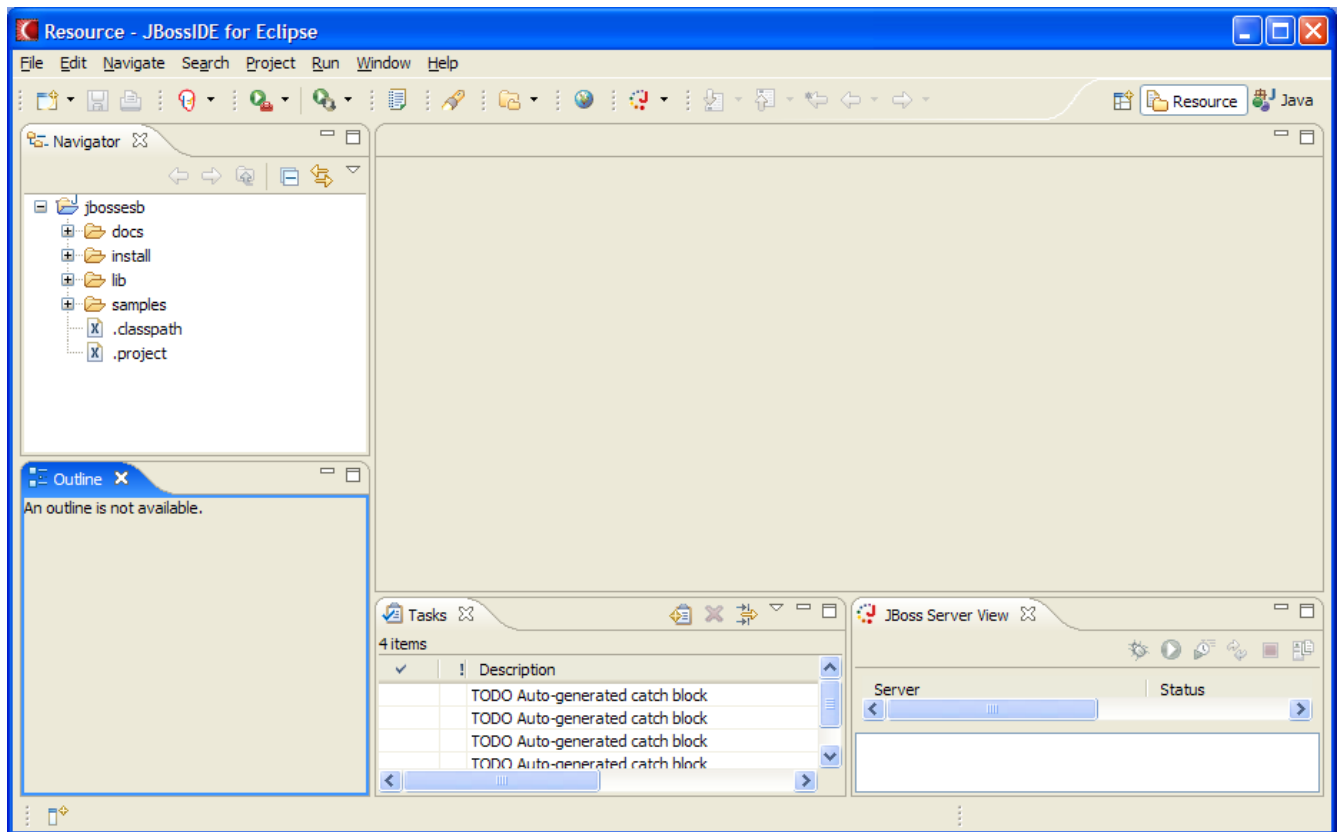


10. Import the jbossesb sample like this:

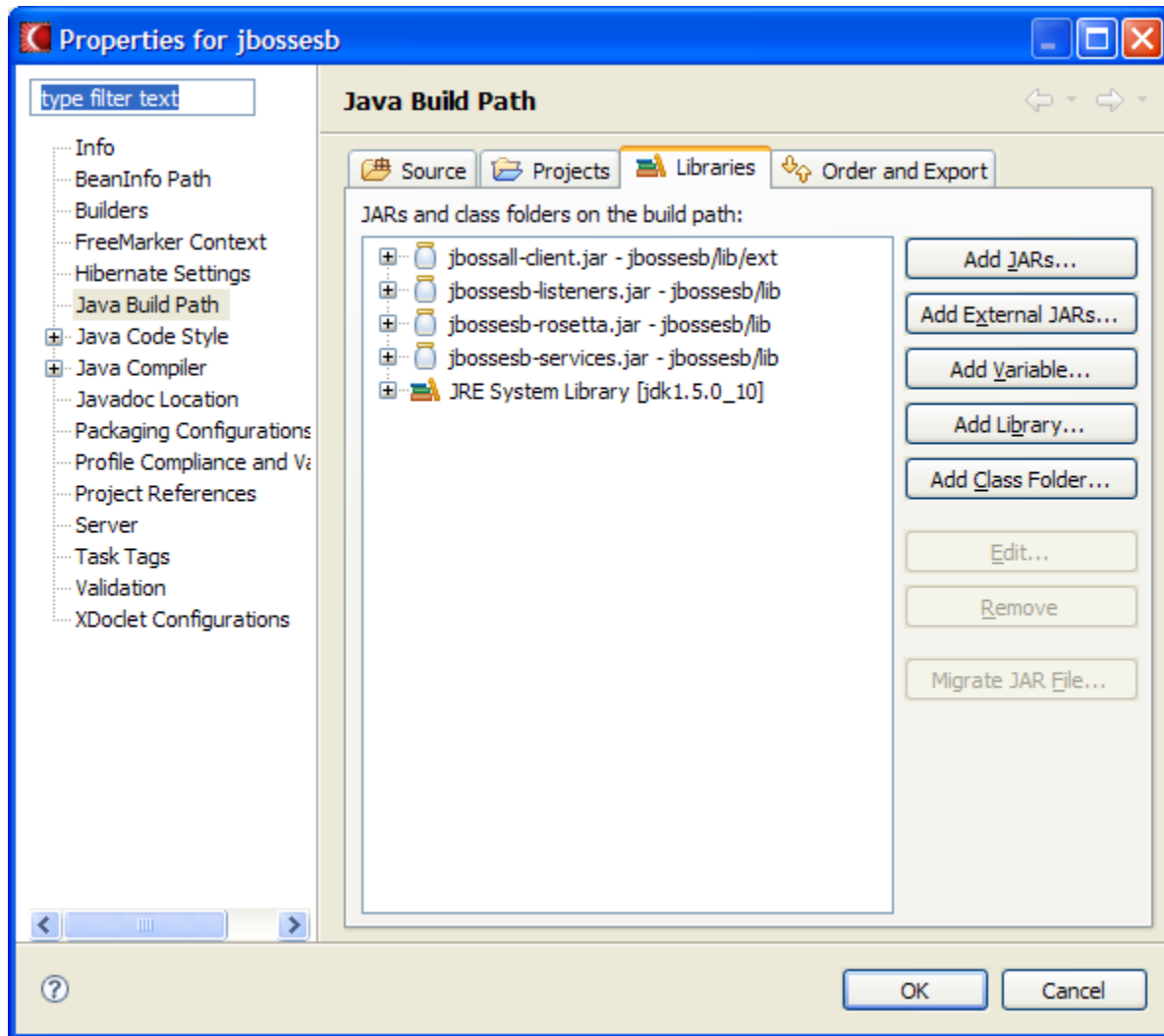




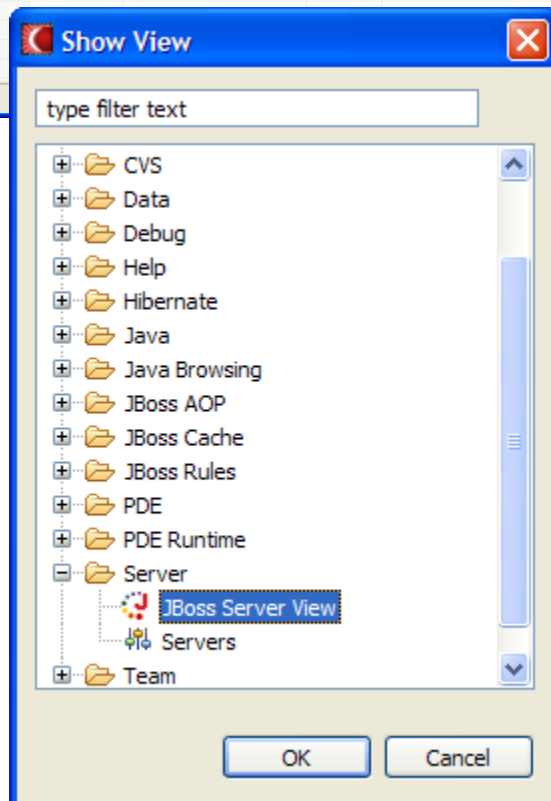
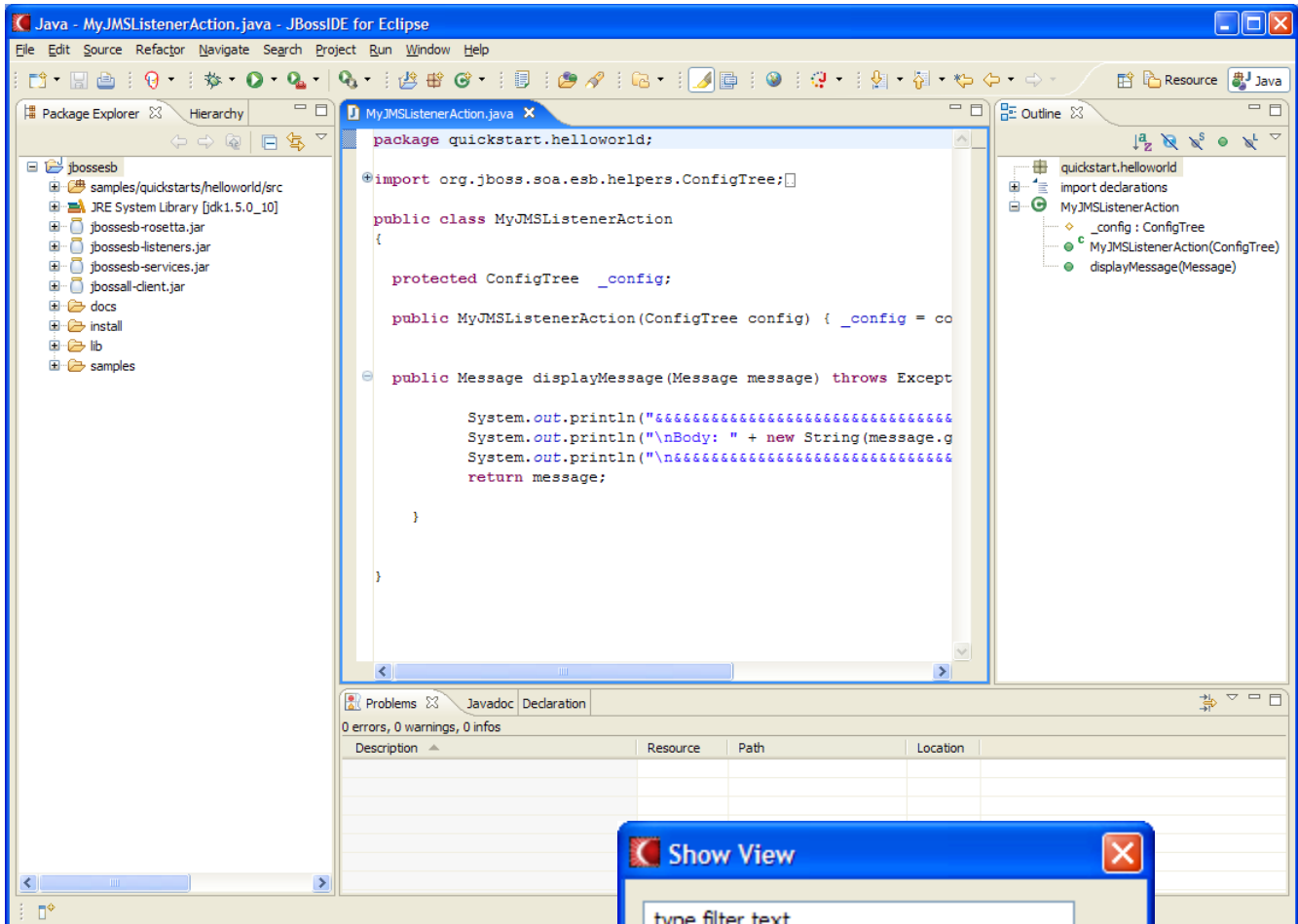
In resource perspective it now looks like



Add the following jars to your classpath

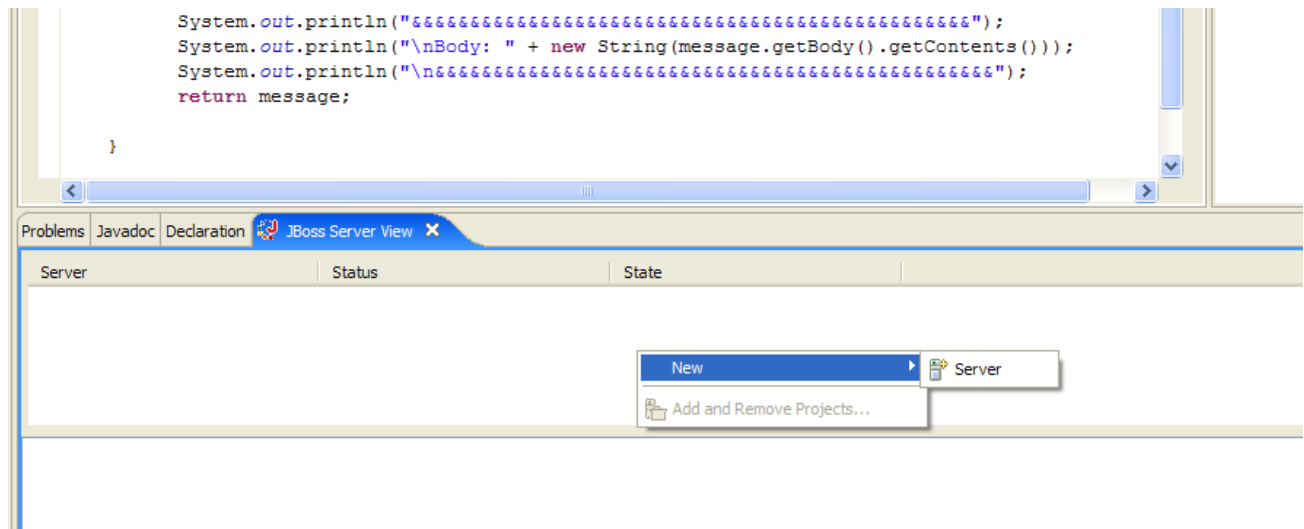


and add the quickstart/helloworld folder a source folder:

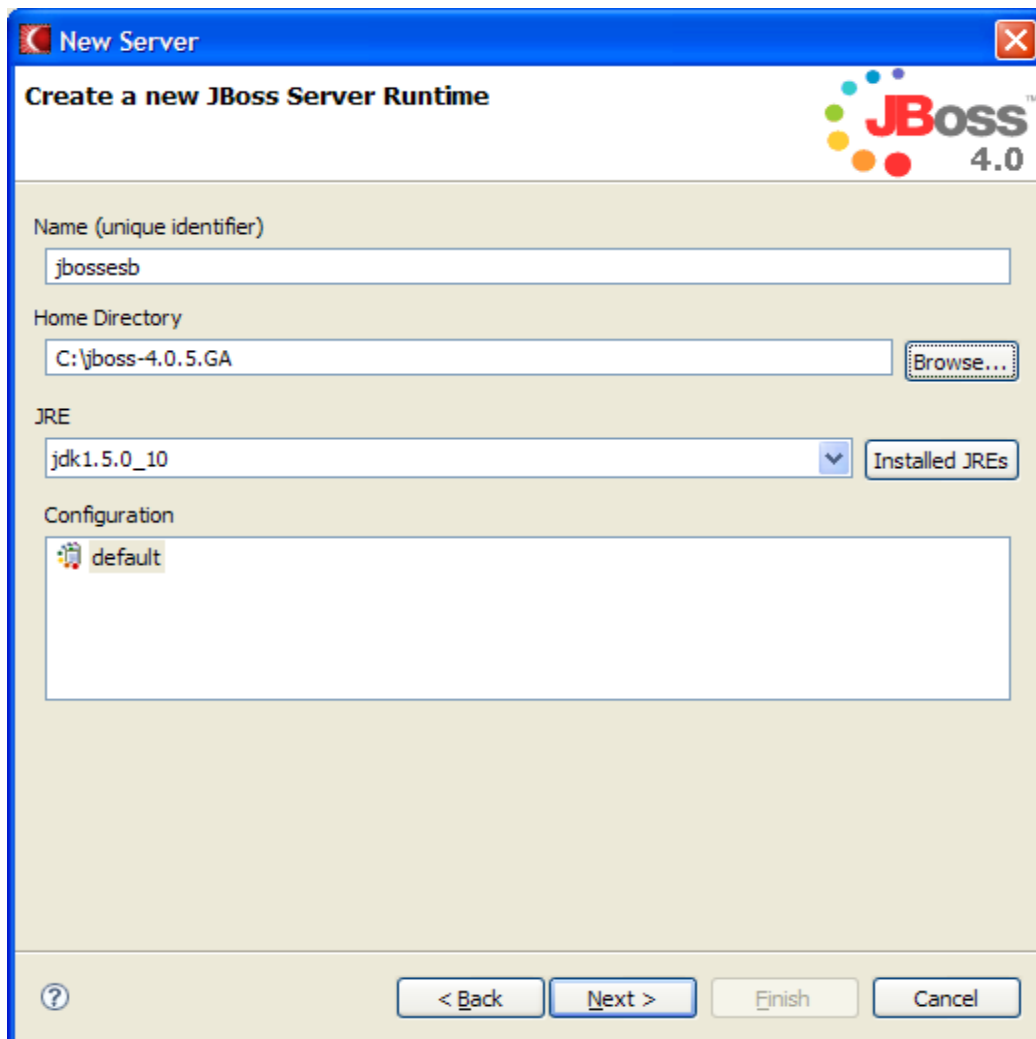


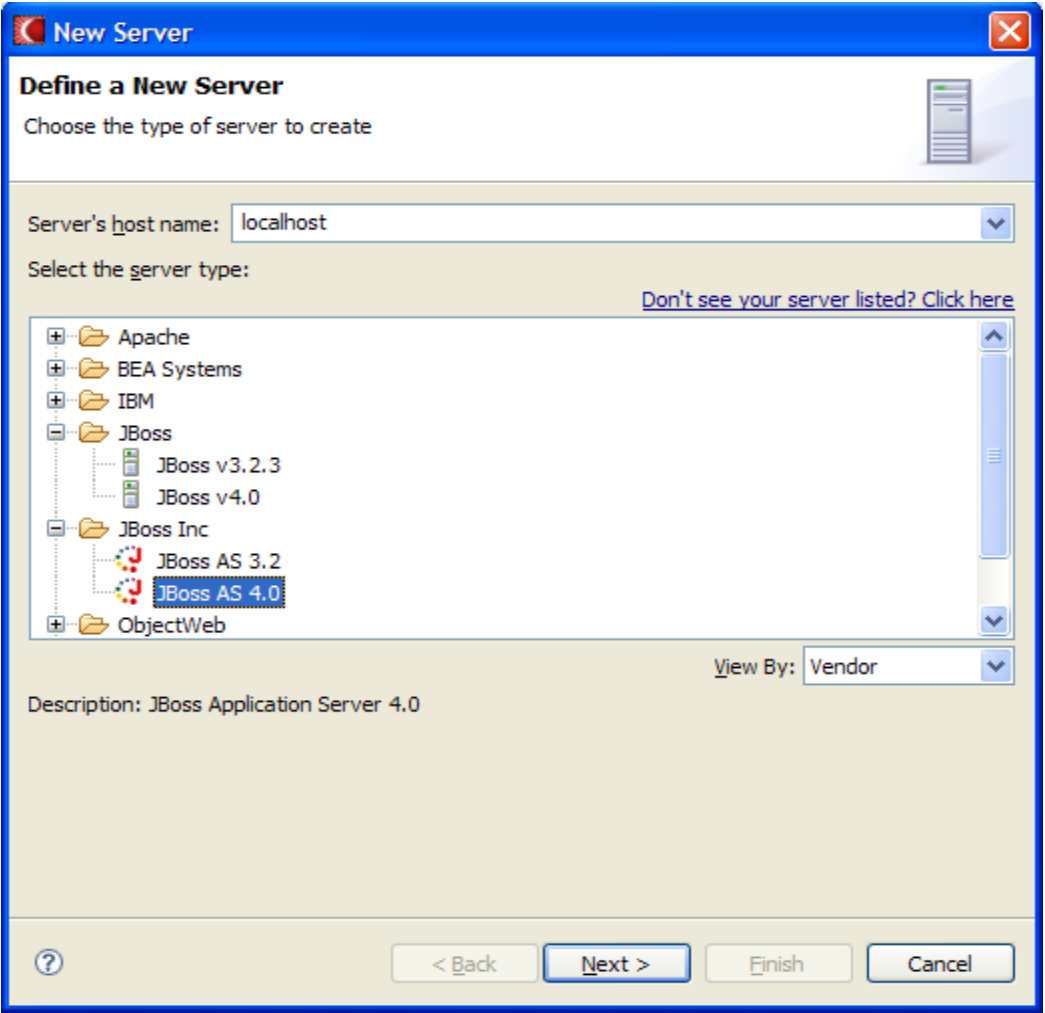
Now add a server configuration:

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

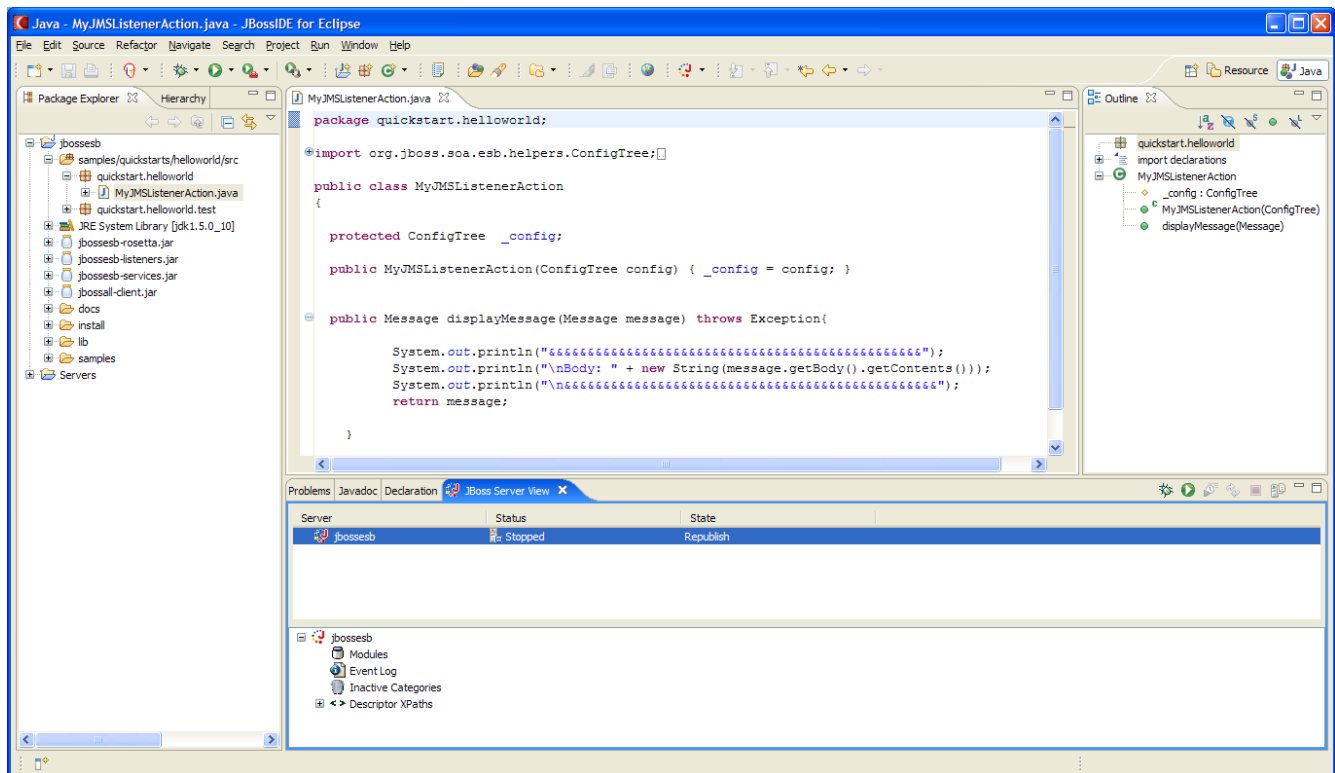


Set the name to jbossesb, and set the home directory to [C:\jboss-4.0.5.GA](#)

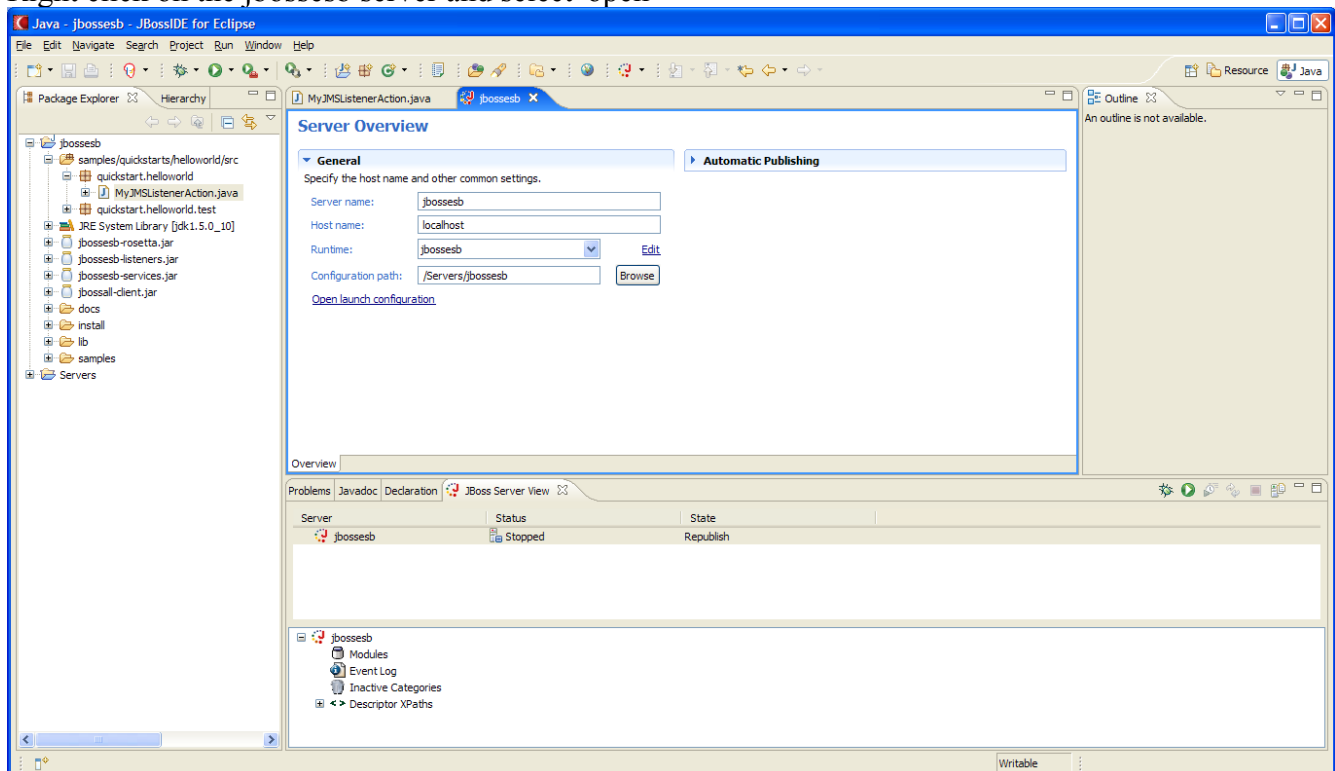




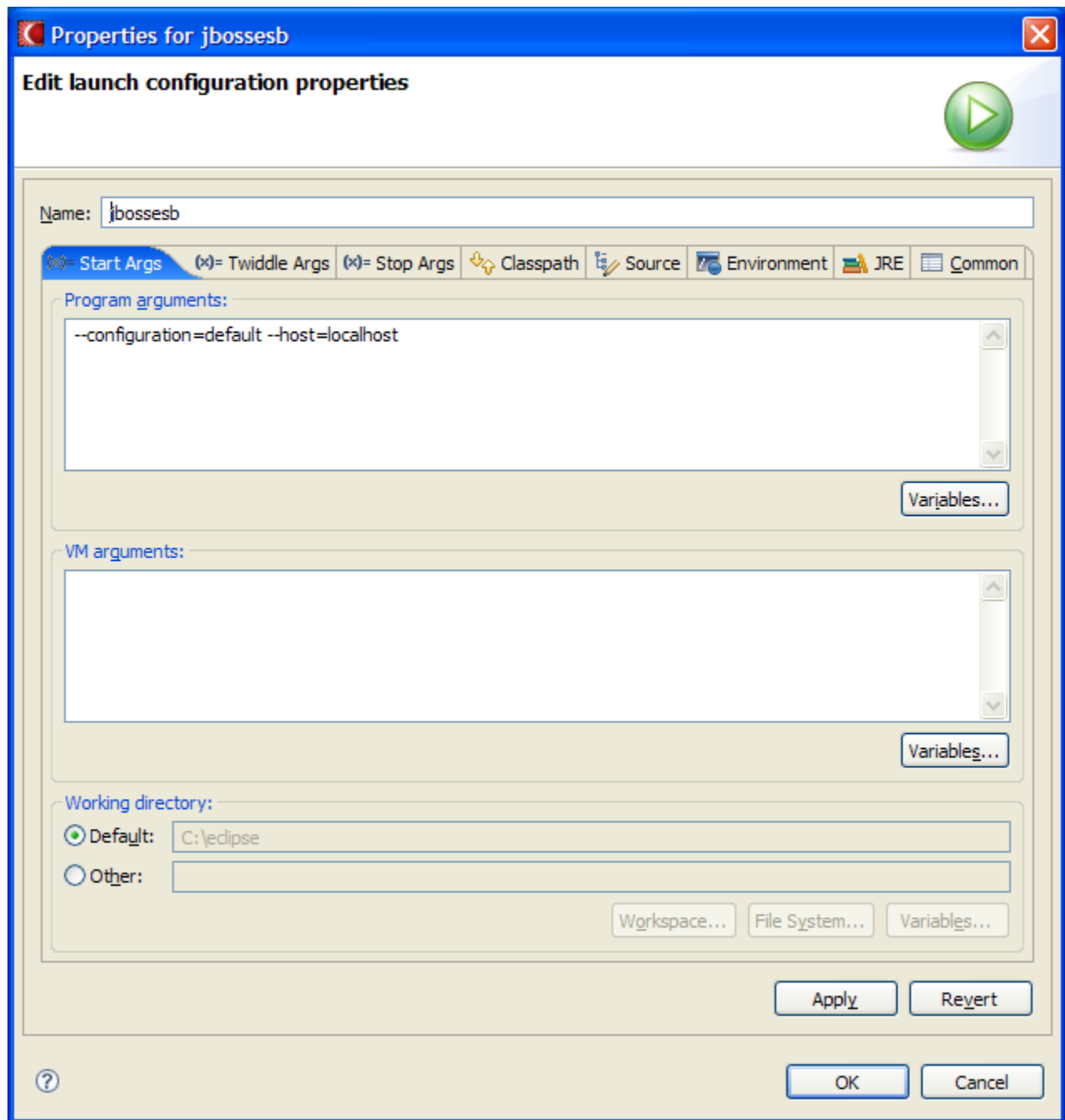
Click next, and then finish and see the jbossesb in your server view

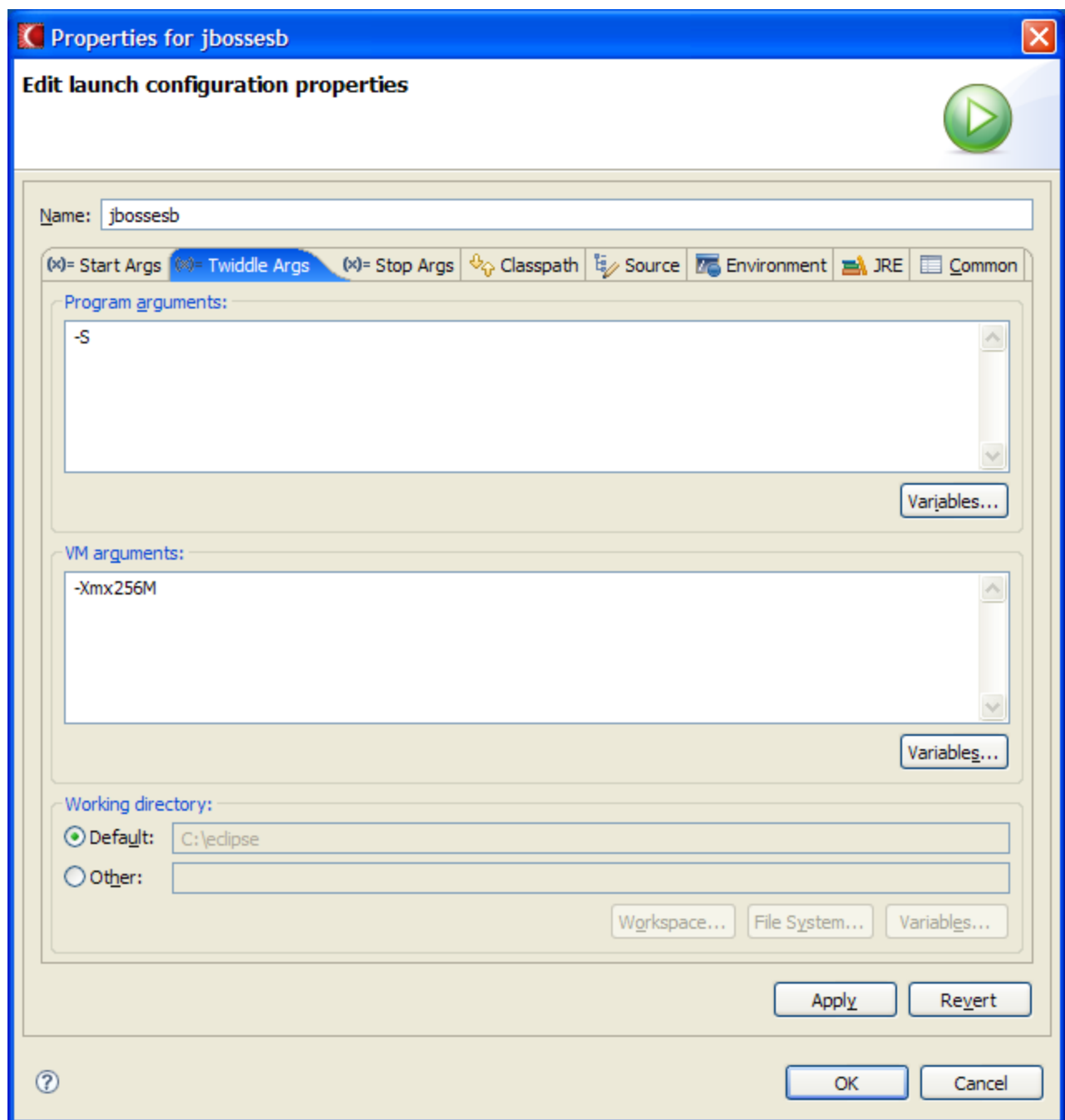


Right click on the jbossesb server and select 'open'



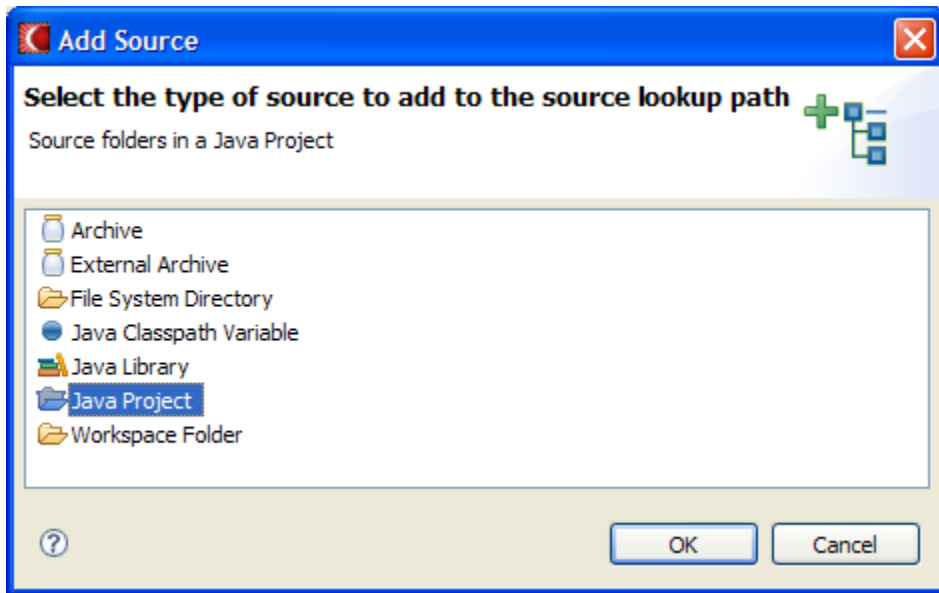
Click on 'Open Launch Configuration'



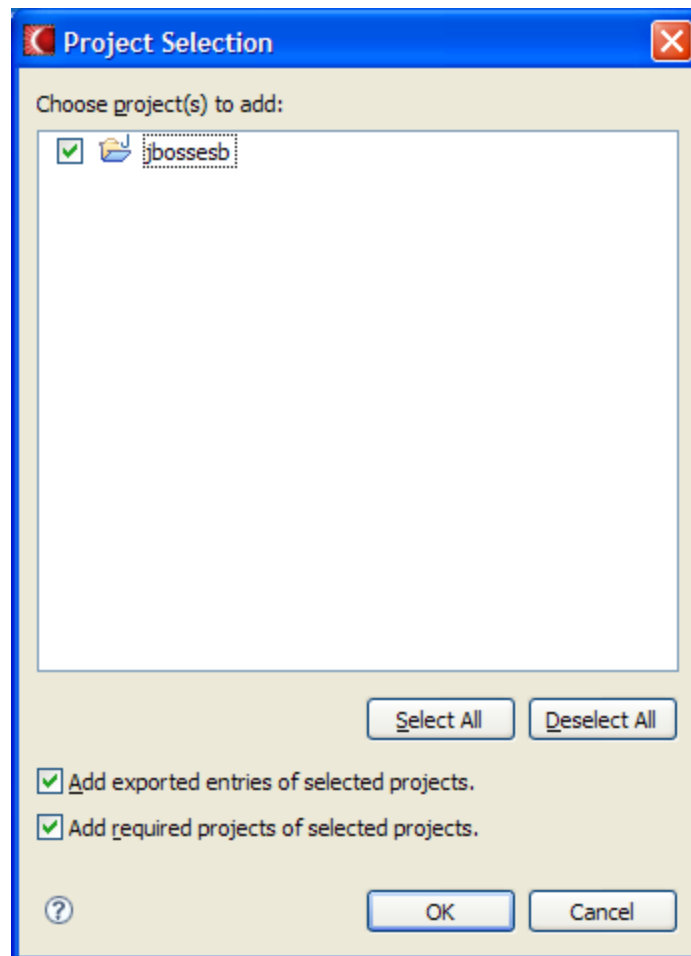


Add -Xmx256M in the VM arguments

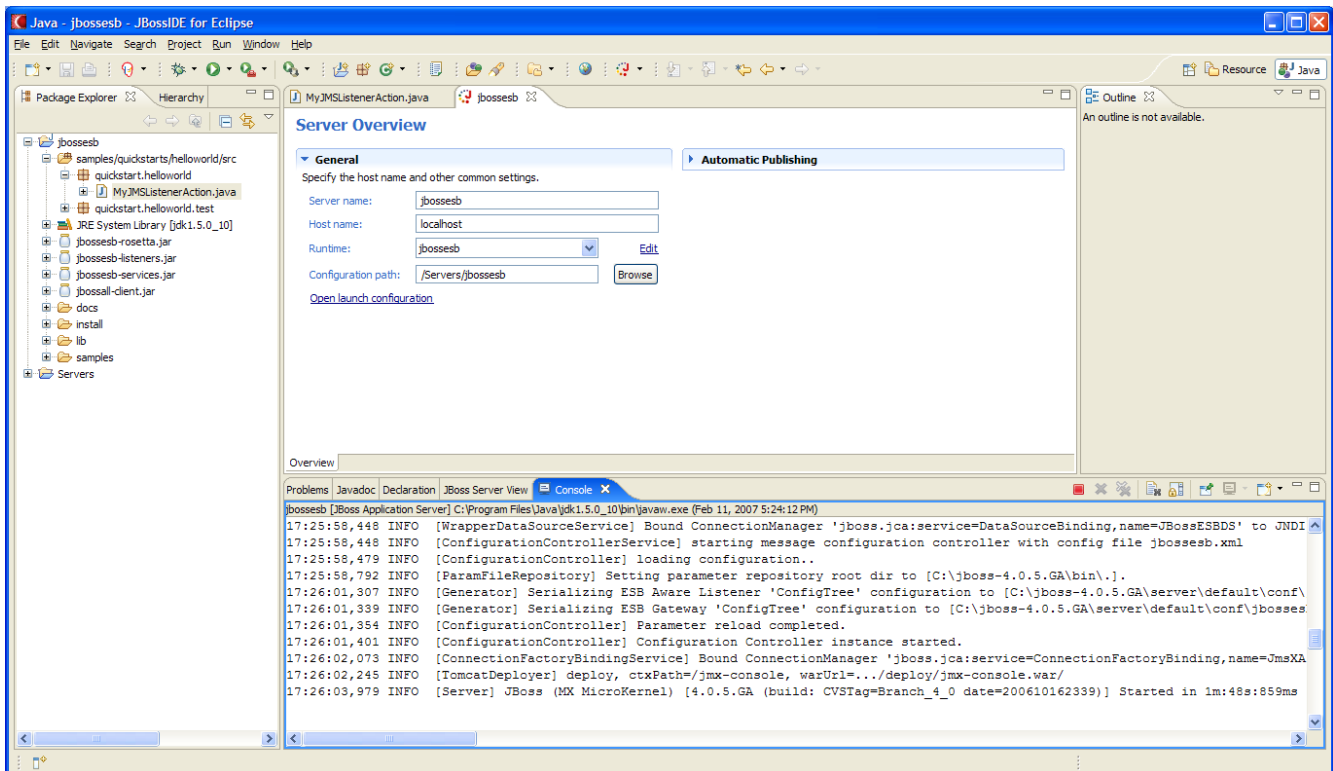
Goto to the source tab and click 'add'



Select the jbossesb project

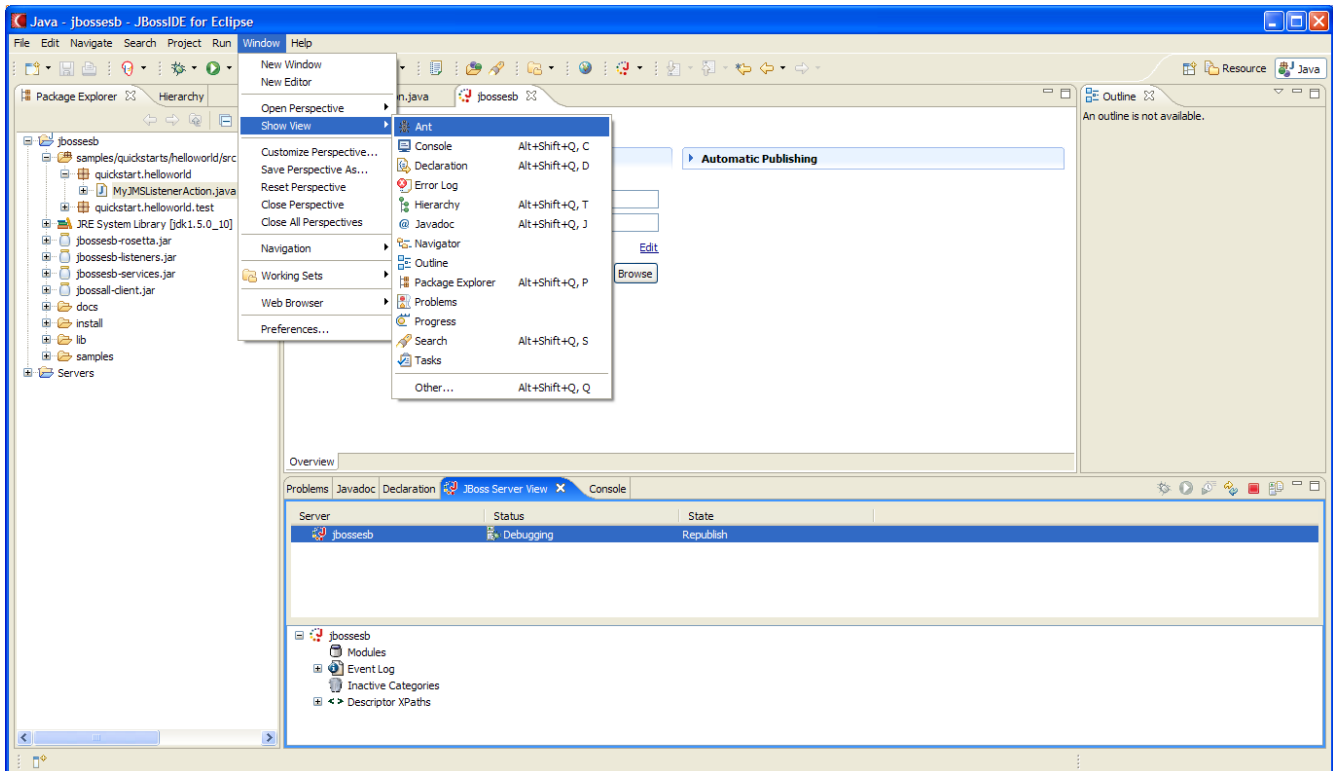


Now click the little bug to start the server and see the log start scrolling by:

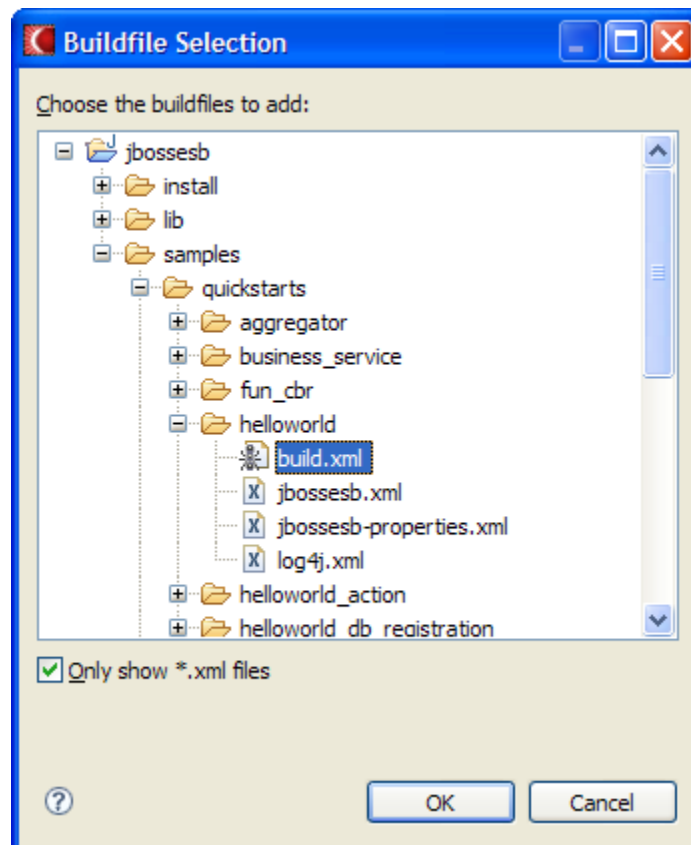


JBossESB is now up and running :).

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



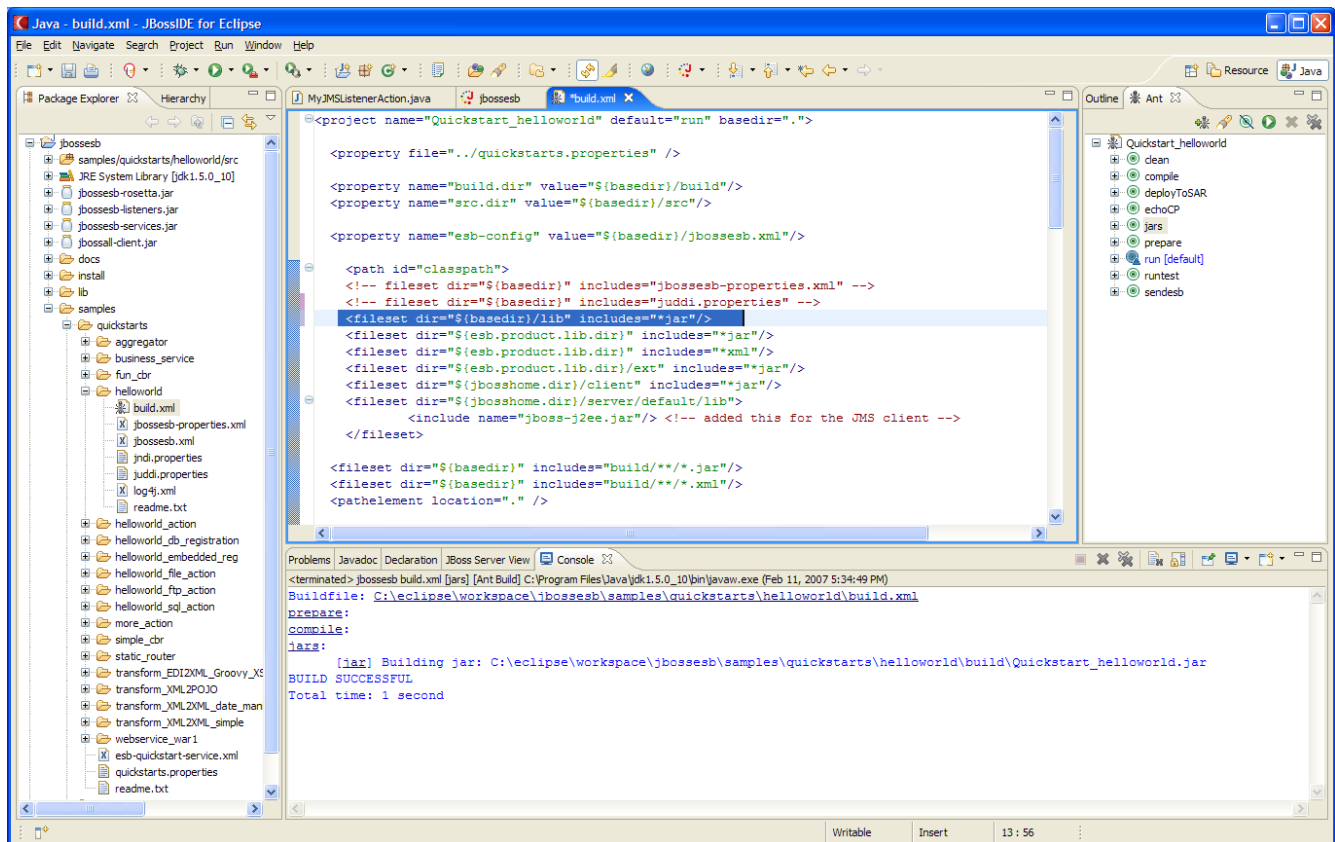
Right click in the new 'Ant' panel on the right and select add build file. Select the helloworld/build.xml



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

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

There is no such directory.

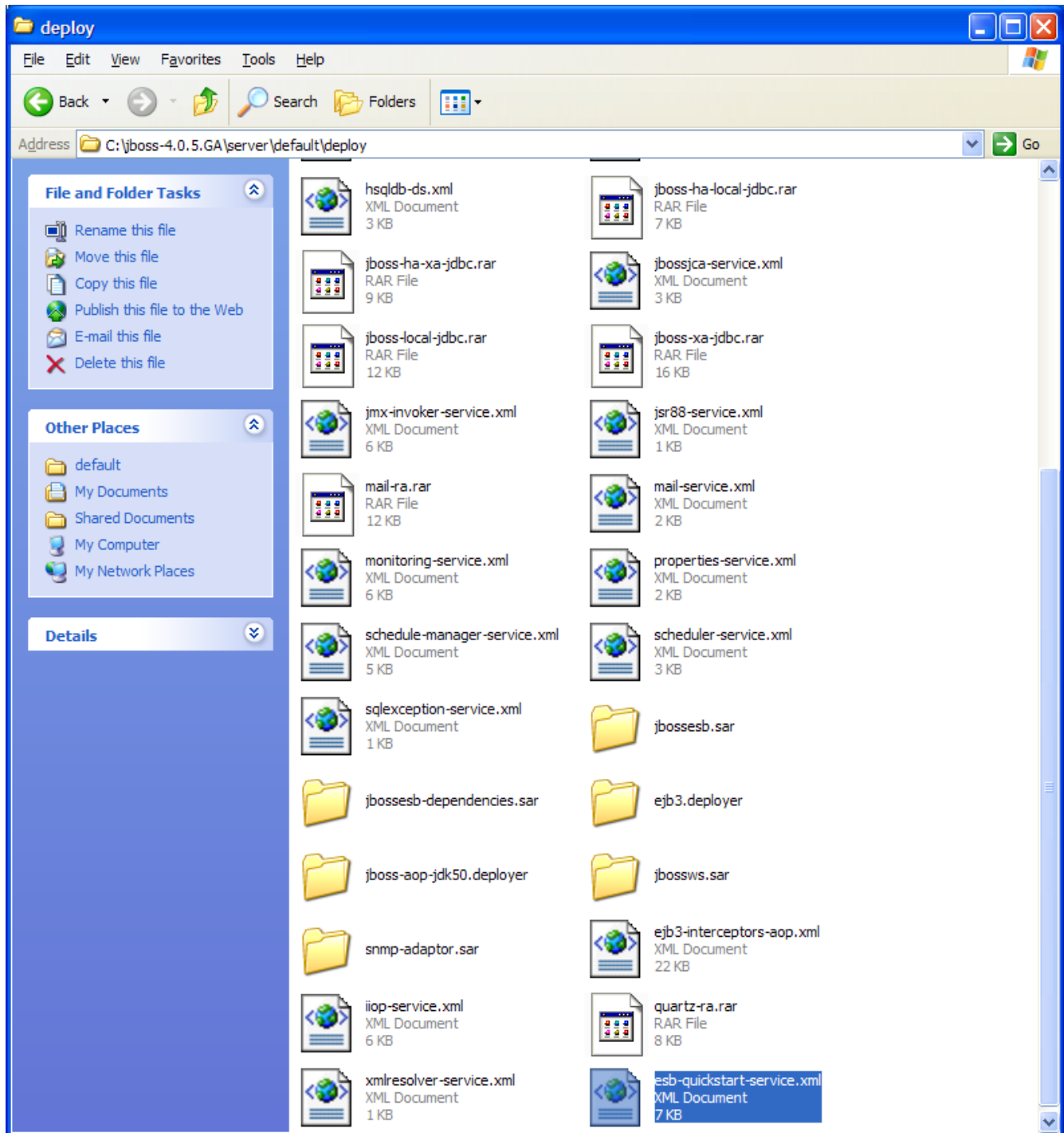


In the compile target add: debug="true" to make sure debugging works

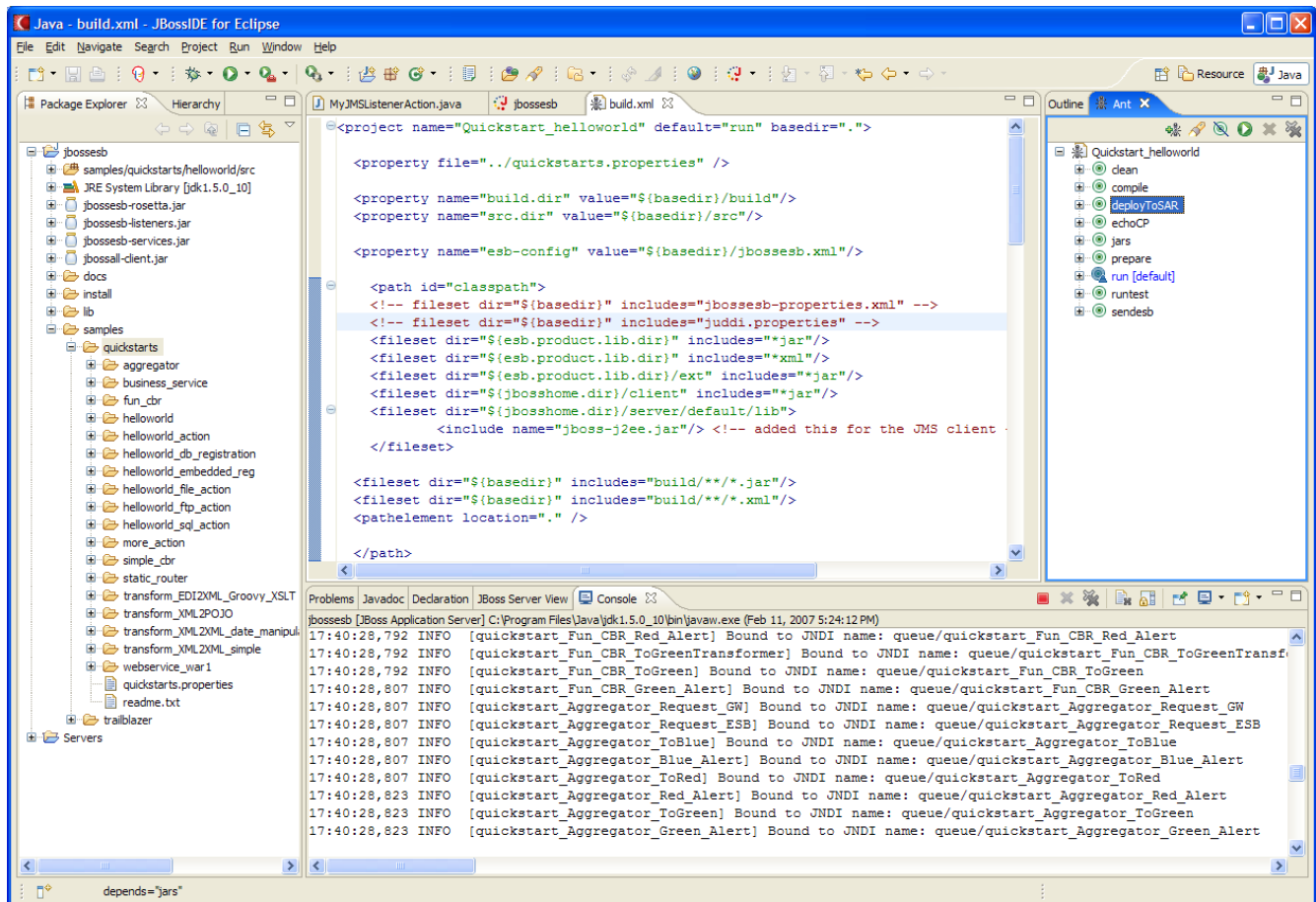
```
<target name="compile" depends="prepare">
  <javac srcdir="${src.dir}"
        debug="true"
        destdir="${build.dir}"
        classpathref="classpath"/>
</target>
```

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.
```

