

**Configuring Eclipse Ganymede to Work with  
WebSphere Community Edition**

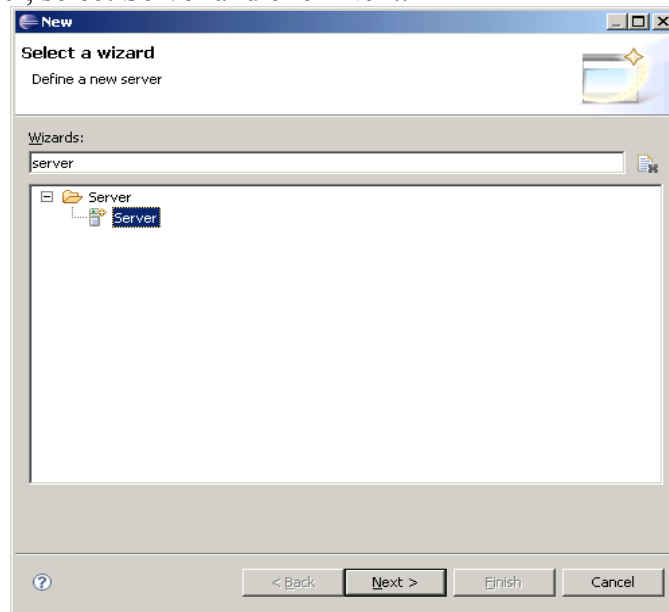
**and**

**Creating a Dynamic Web Application to test it.**

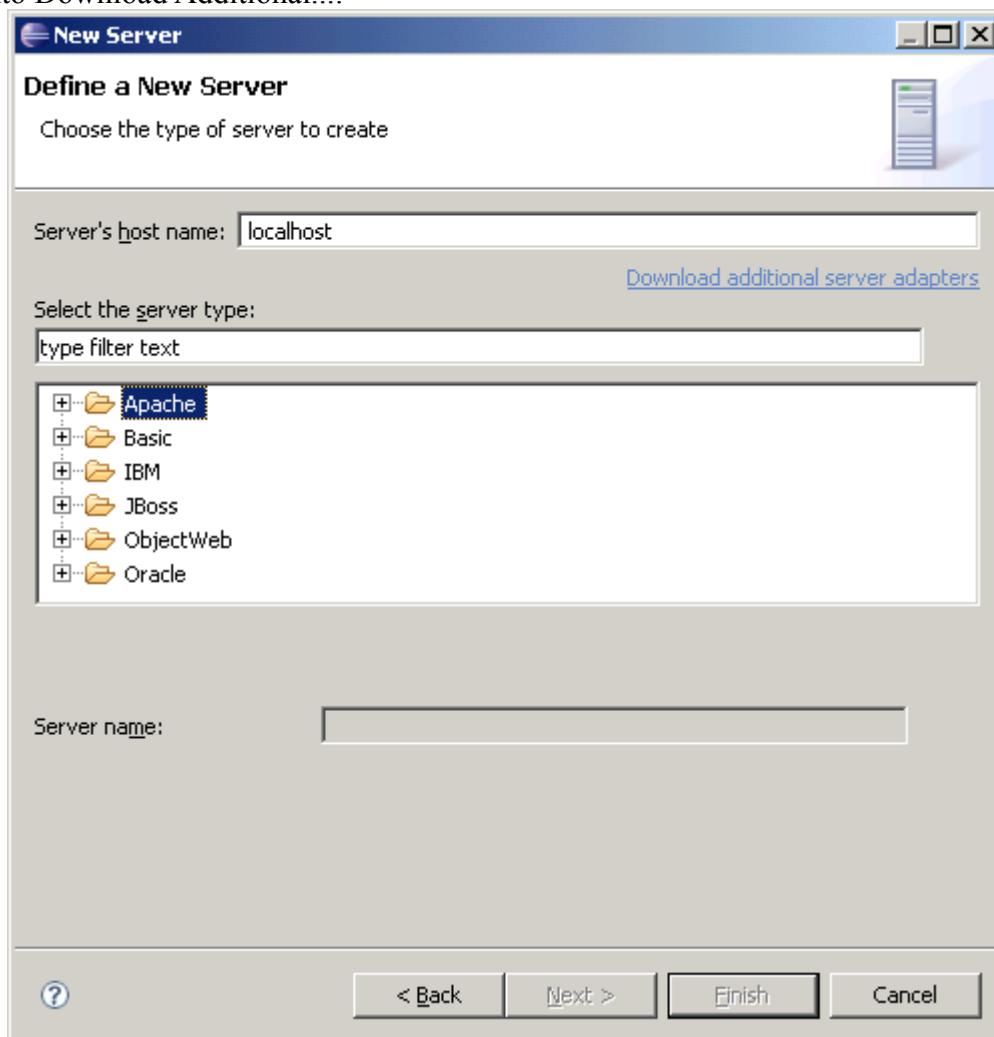
**July / 2008**

Juliano Marcos Martins  
<http://jmmwrite.wordpress.com>

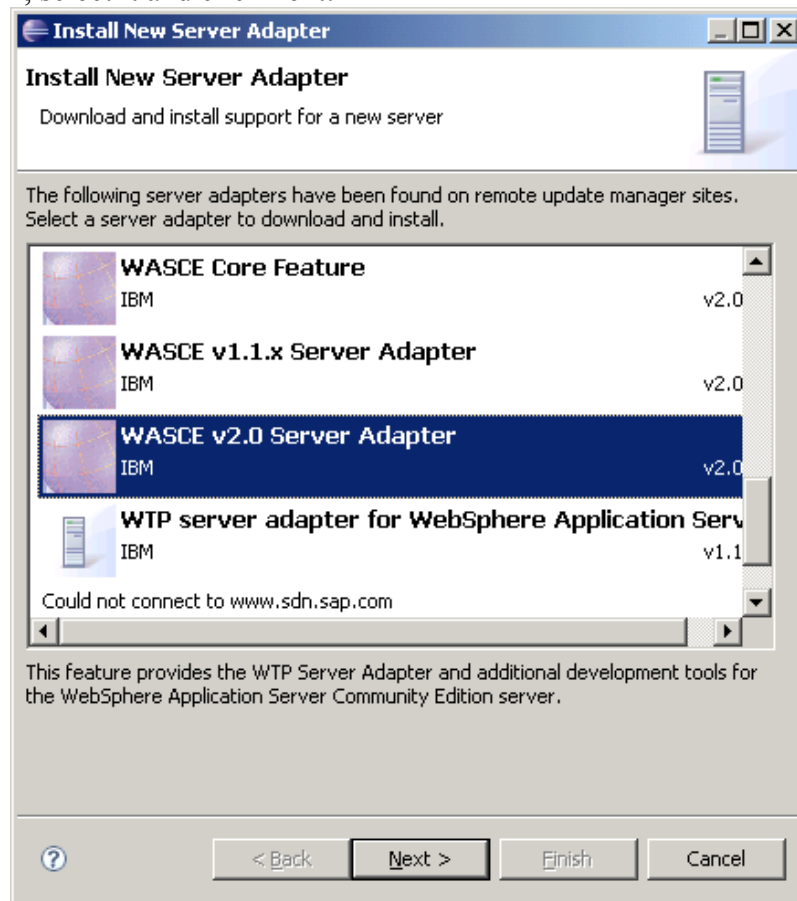
Open Eclipse as usual, selecting your Workspace.  
Go to File → new  
In the Wizard type server, select Server and click Next:



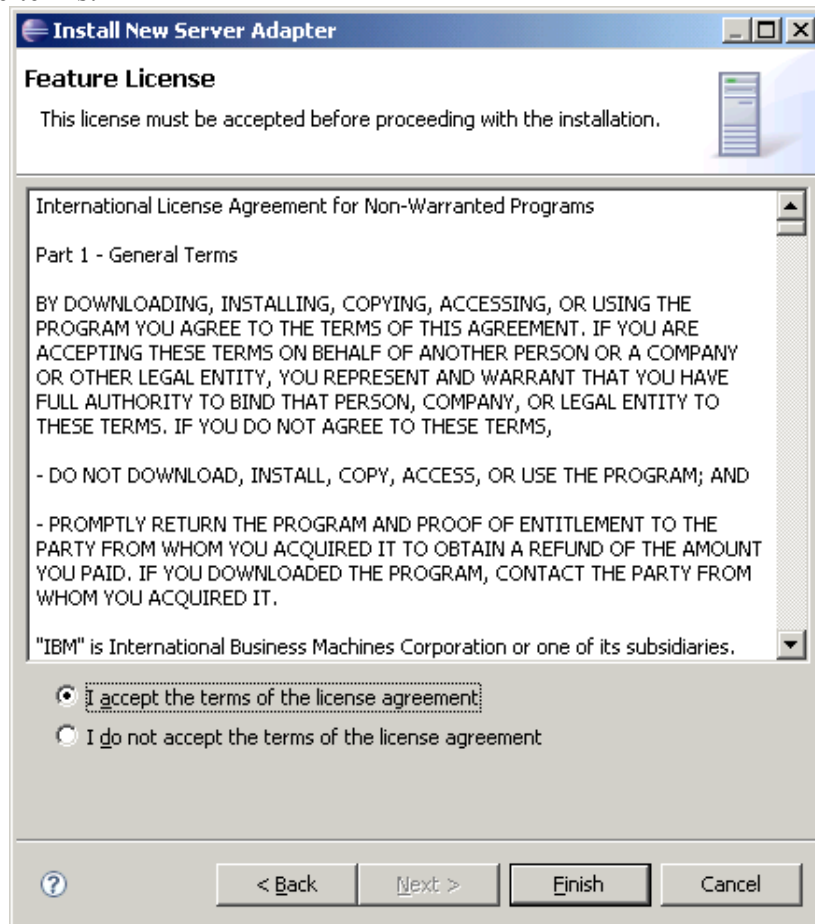
We can see several servers listed in the next window, but, the default properties don't bring Geronimo or WebSphere CE, then you need to download the components to add WebSphere CE by clicking into Download Additional...:



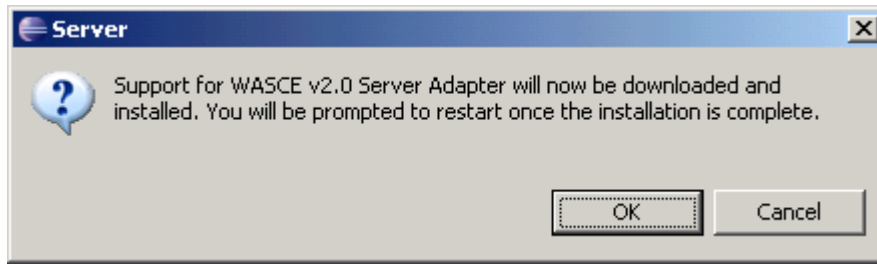
Search for WAS CE, select it and click next:



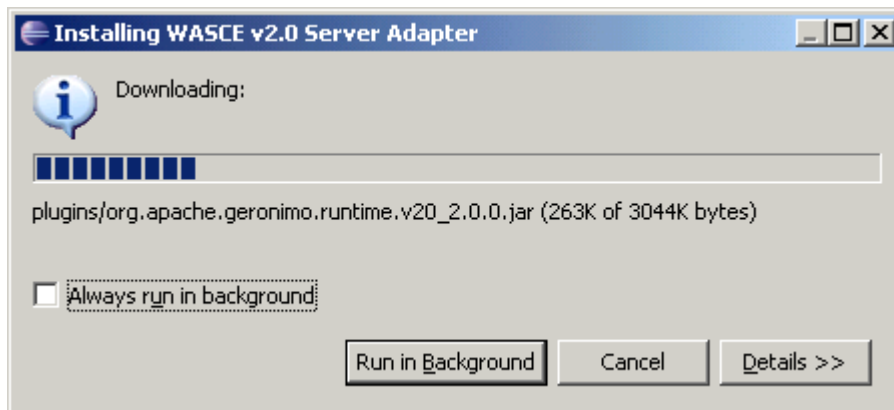
Accept the license terms:



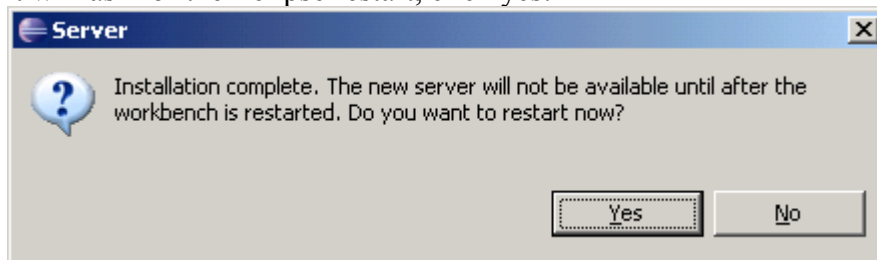
Select ok:



The download will start, this can take some time:



When it finish, it will ask for the Eclipse restart, click yes:

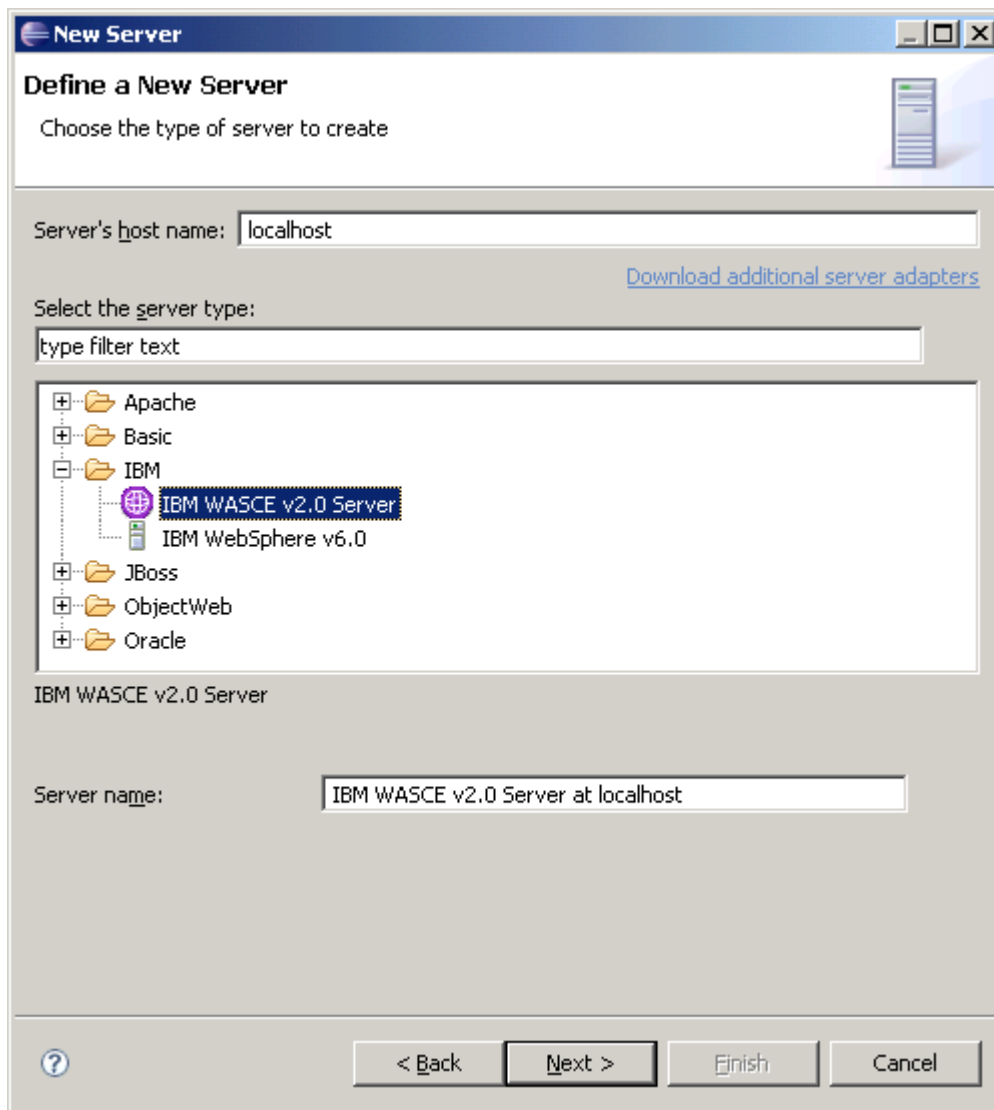


When the Eclipse “come back”, you can repeat the process:

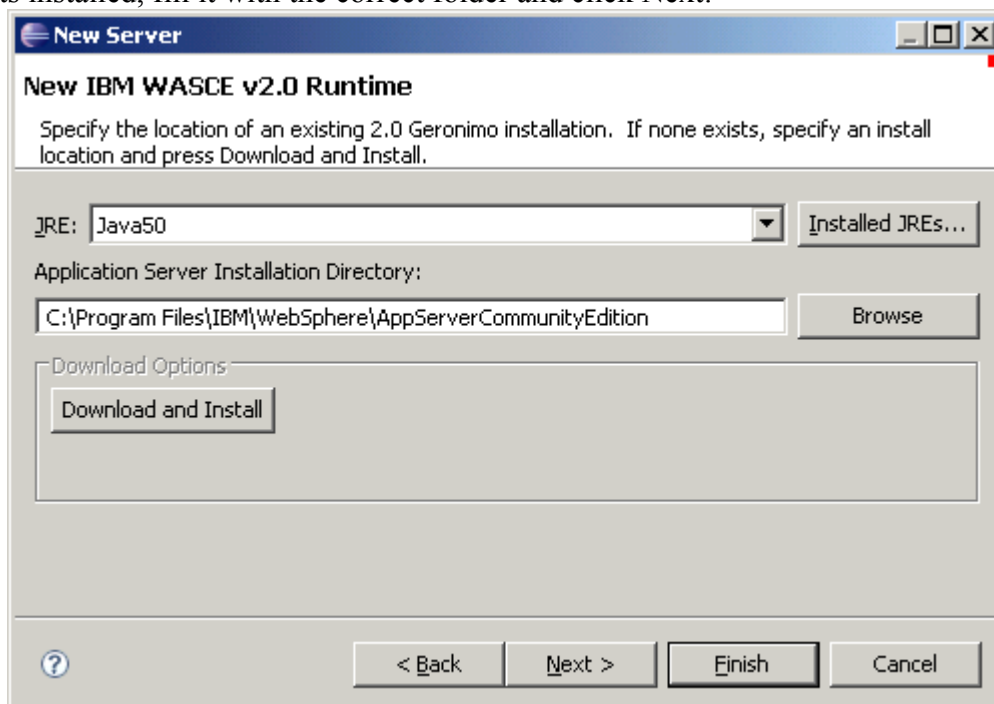
- File → New

- Search for server, click next...

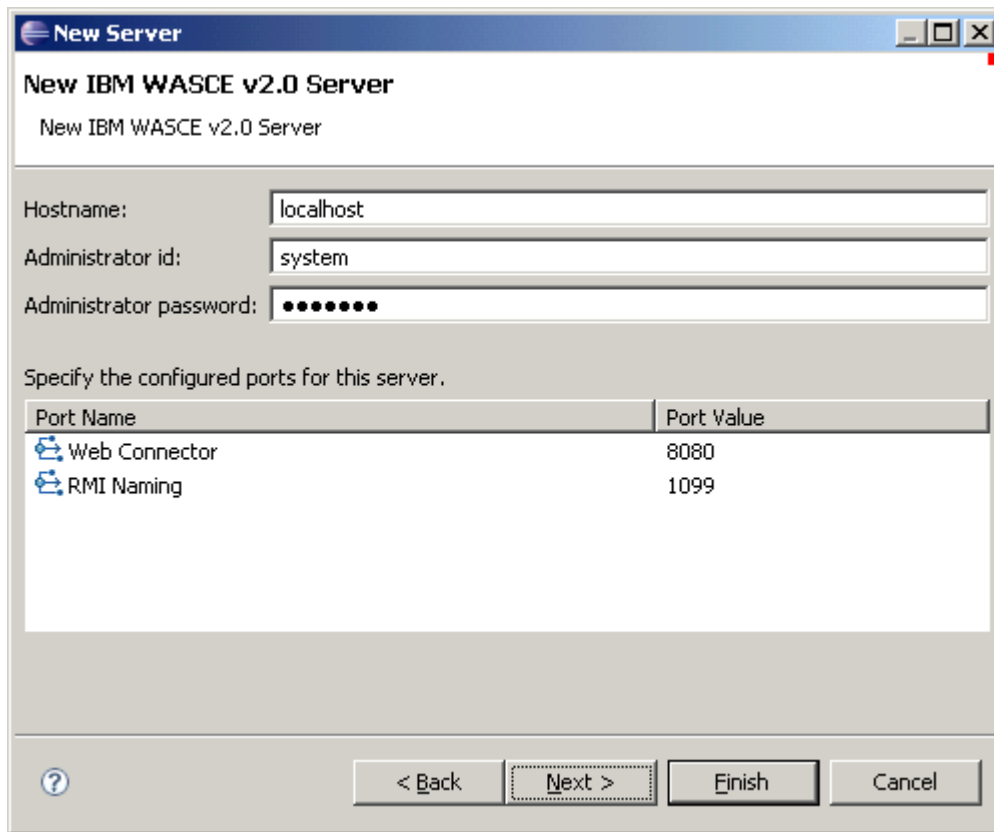
- Then, you can see in the IBM folder the WebSphere server, called WASCE here, select it and click Next:



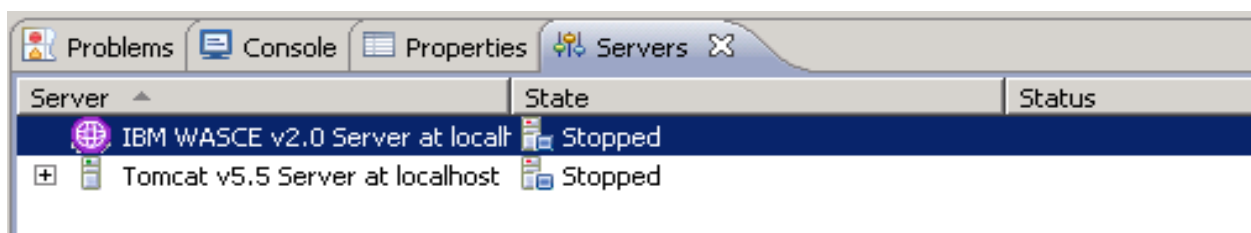
In the next Window you must set up the Java version that you will use and show to Eclipse where WAS CE its installed, fill it with the correct folder and click Next:



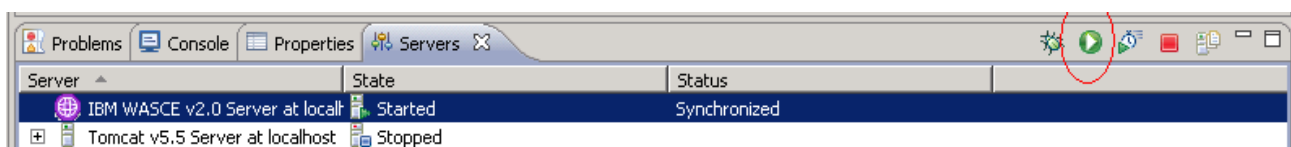
Configure the user that you have created for the admin user, normally user = system and password = manager, then, click Next and then Finish:



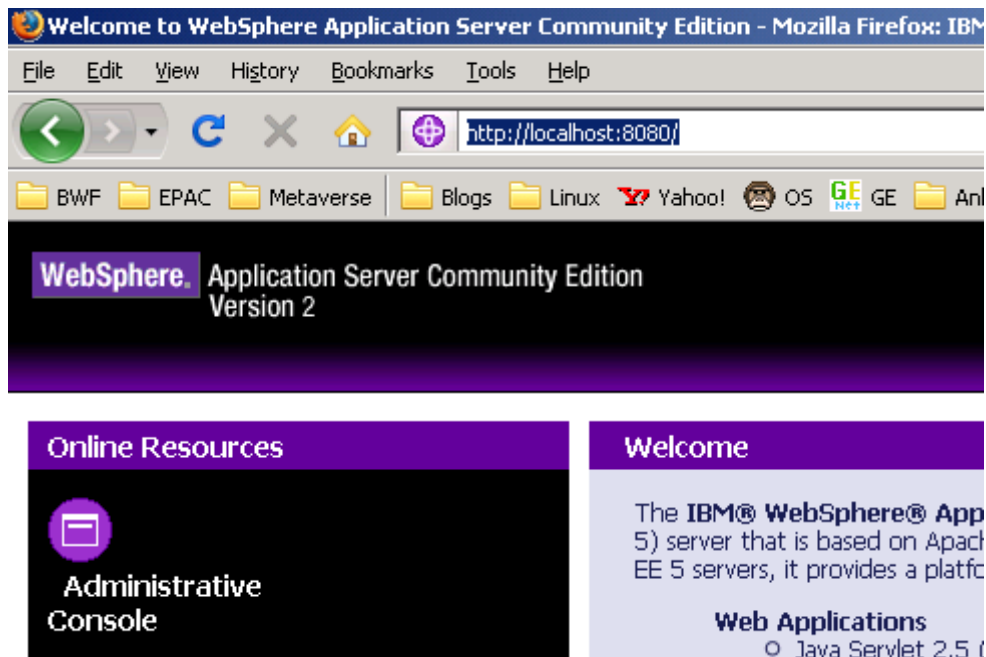
You should see your server there:



You can select the server and click start to test it:



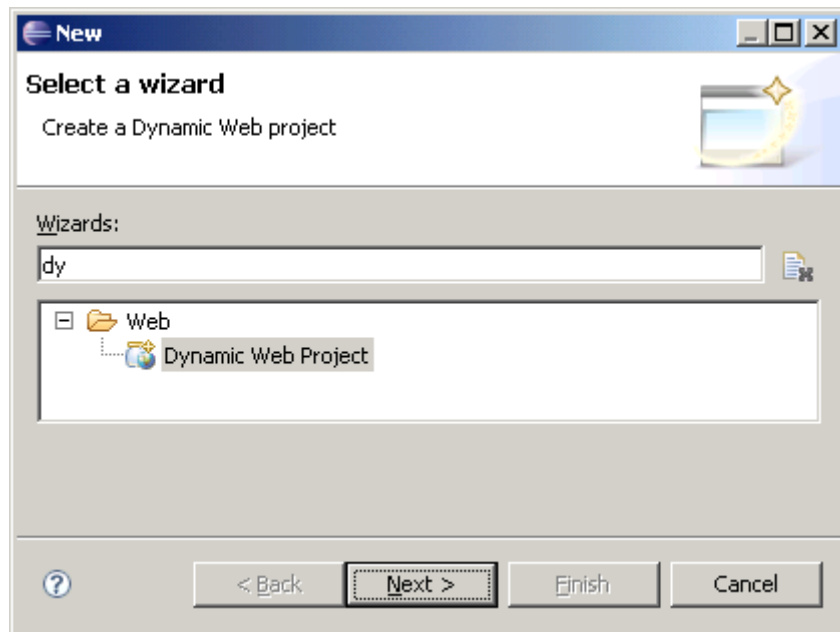
Then, open your browser and go to <http://localhost:8080/> , you must see a WAS welcome screen like this:



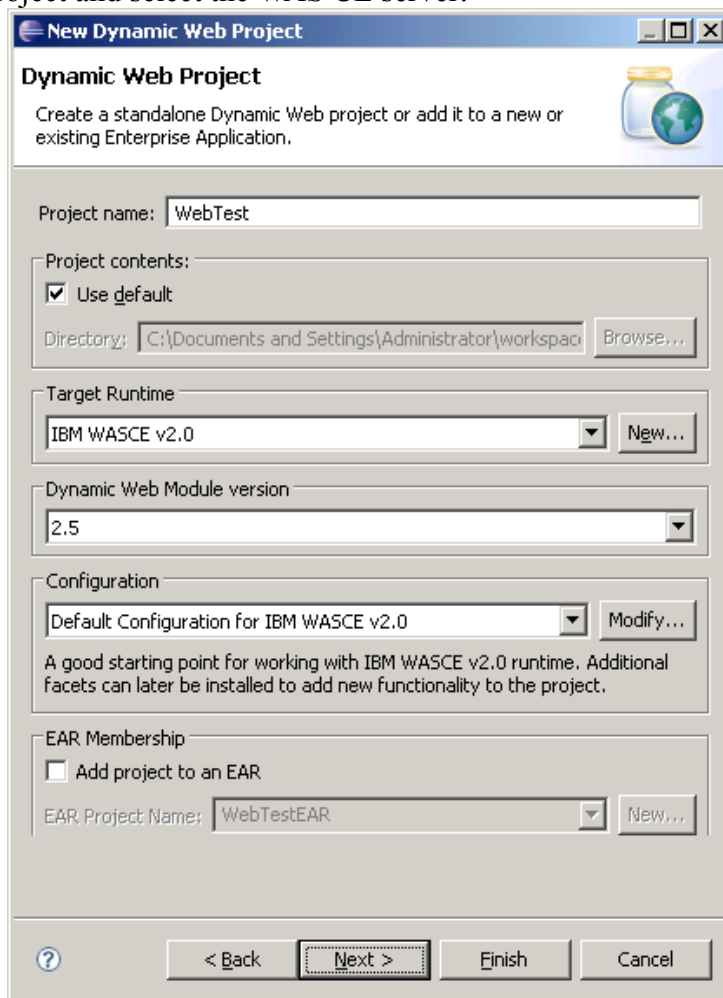
If you click Administrative Console, you can login as system/manager and see the administration tasks.

## Creating a Dynamic Web Project to test with WAS CE

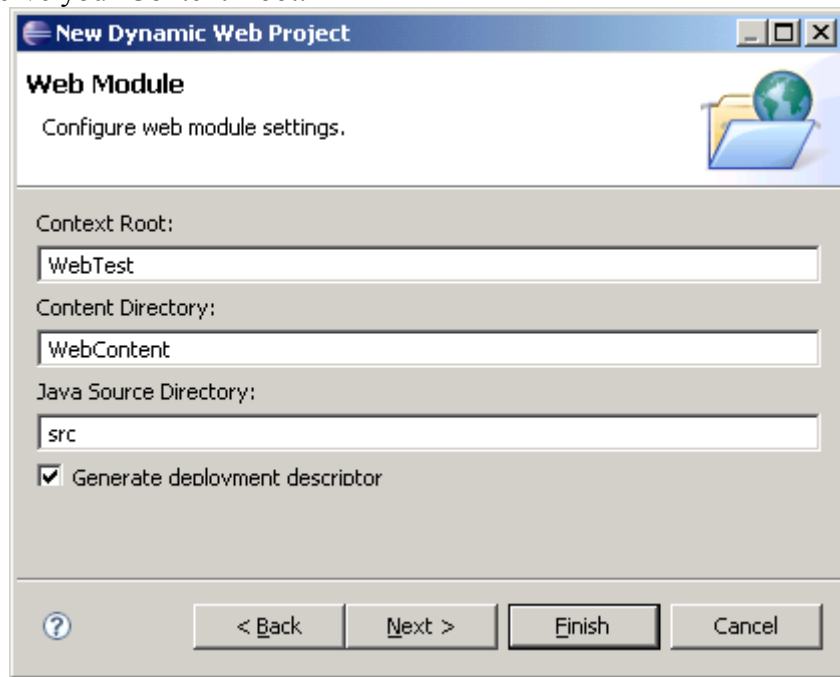
Click File → New , type dy... and you can see the Dynamic Web Project in the wizard list, select it and click next:



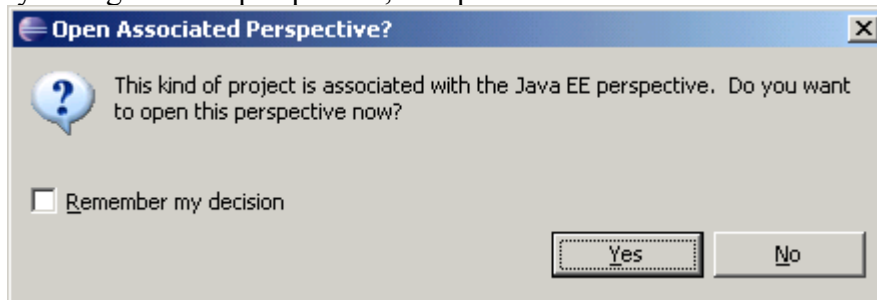
Give a name to the project and select the WAS CE server:



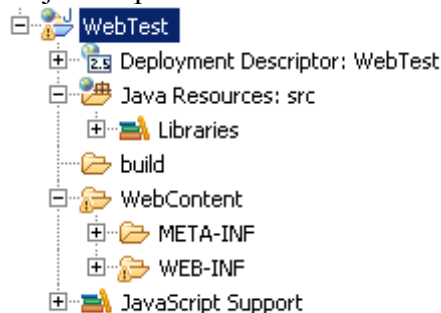
Finish here. Observe your Context Root:



Eclipse will ask you to go to JEE perspective, accept:



You can see your project under Project Explorer:



Right click in WebTest and go to New → Html , accept the default settings, we will just deploy a hello world page to test if our Eclipse can perform a deploy in WAS, then, in your page, type a “hello” message:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
```

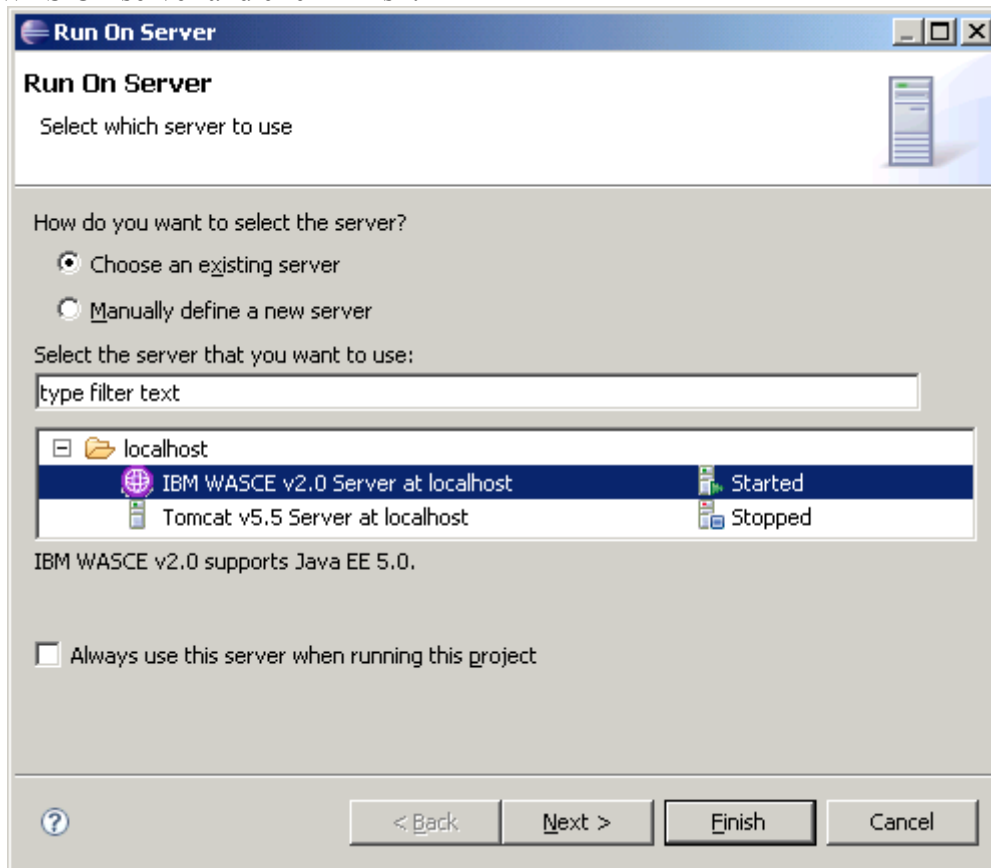
```
Hello world!  
</body>  
</html>
```

Save your page.

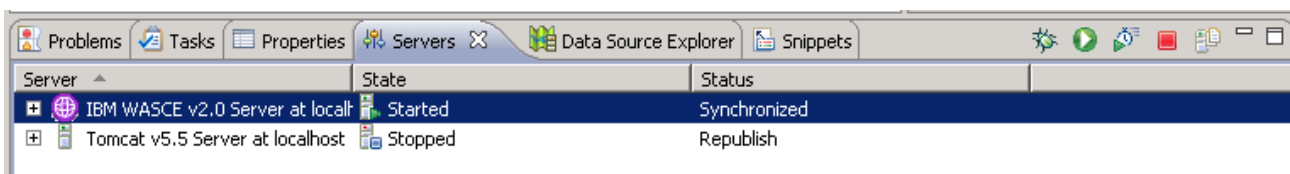
Right click in the project e go to Run As → Run on Server:



Select the WAS CE server and click Finish:



When the server show Synchronized in the server pane:



You can test your application going to your browser and going to <http://localhost:8080/WebTest> :



Hello world!