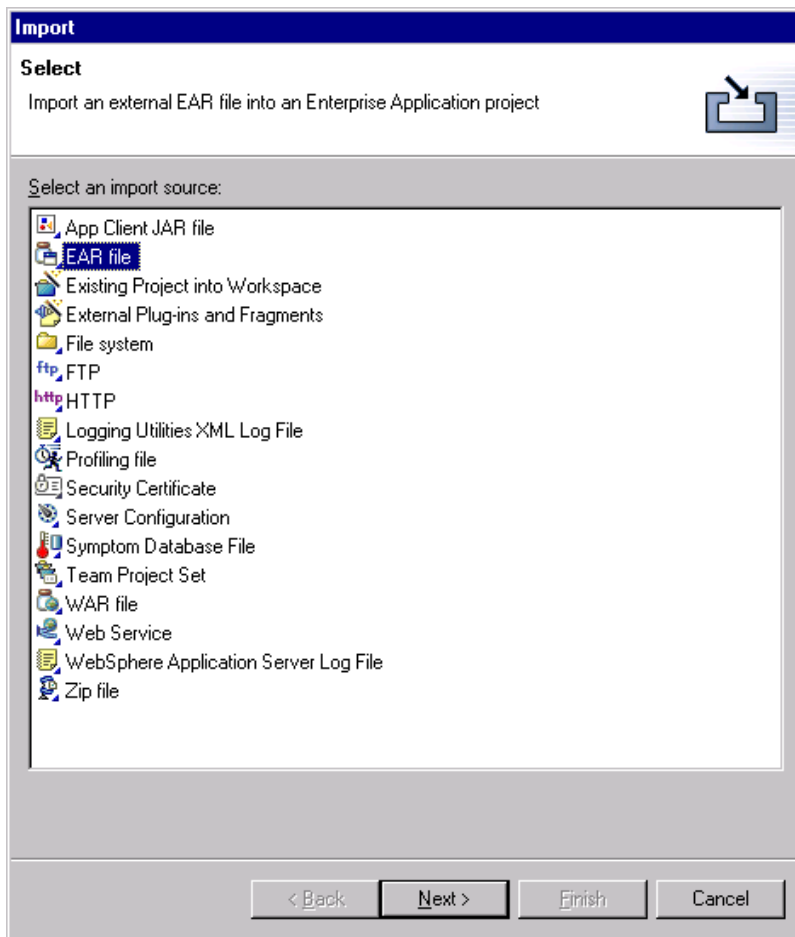


IBM DB2 OLAP Server Analyzer V8.1 Refreshed FixPak 3 – Deploying the EAR file into Websphere Application Server Express V5

This document describes how to deploy Analyzer with WebSphere Application Server Express v5.0 on Windows. This document provides step-by-step details on the deployment section of the .ear file.

The examples in this document show the default paths you will see during installation. Please change this information appropriately if necessary. This document assumes that you have installed DB2 OLAP Server Analyzer 8.1 Refreshed, Analyzer 8.1 Refreshed FixPak 3, and WebSphere Application Server Express v5.0, along with other necessary software such as DB2 OLAP Server and DB2 UDB.

1. Copy the file "Analyzer65.ear" from C:\Hyperion\Analyzer into:
C:\Program Files\IBM\WebSphere\Express\AppServer\InstallableApps
2. Start the Studio Site Developer (**Start > Programs > IBM WebSphere Application Server Express - v5.0 > Studio Site Developer**)
3. In the Studio Site Developer window, select **File > Import > EAR file**, and then click **Next**.



4. Click **Browse** button and find the Analyzer65.ear file. For example, the default is C:\Program Files\IBM\WebSphere\Express\AppServer\installableApps. Then type a Project name; it does not have to be a specific name. Click **Next**.

Import

Enterprise Application Import

Import an Enterprise Application project from the file system.

EAR File: C:\Program Files\IBM\WebSphere\Express\AppServer\installableApps\Analyzer65.ear **Browse...**

Where do you want the imported resources to go?

Project name: ana81fp3

Use default

New project location: C:\WINNT\Profiles\Administrator\Personal\IBM\wasexpress\workspace\ana8 **Browse...**

Options:

Overwrite existing resources without warning.

< Back Next > Finish Cancel

5. The next window remains unchanged unless you want the project to be stored in a different location. Keep the default selections for the **Utility JAR files and web libraries** and **Project import** fields. Click **Next**.

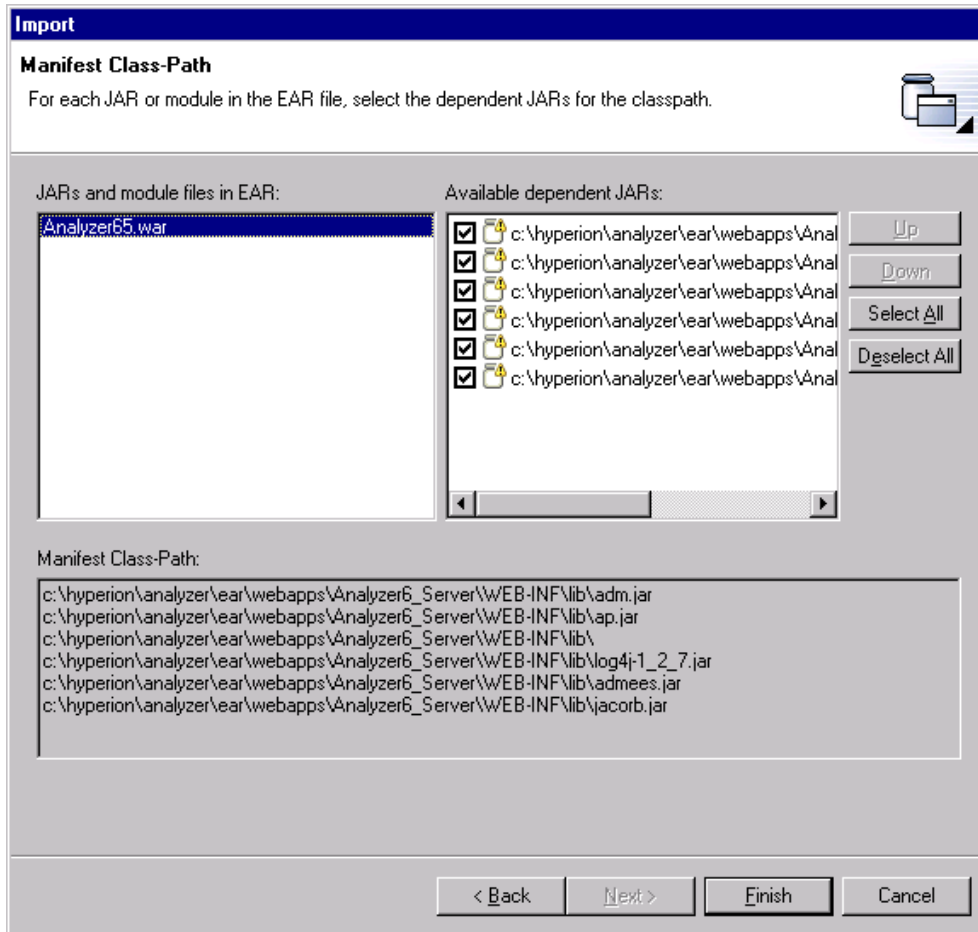
The screenshot shows a dialog box titled "Import" with a sub-header "Import Defaults". The main instruction is "Select the default import options for the JARs and modules in the EAR." The dialog is divided into several sections:

- Project locations:** A text box explains, "This is the parent directory for all referenced projects. A subdirectory will be created for each project." Below this are two radio buttons: "Use default root:" with a text field containing "C:\WINNT\Profiles\Administrator\Personal\IBM\wasexpress\workspace", and "Use alternate root:" with an empty text field and a "Browse..." button.
- Utility JARs and web libraries:** A checkbox "Preserve project names, classpaths, and meta-data included in the EAR" is unchecked. Below it are two radio buttons: "Keep the JAR file in the enterprise application project or web project" (selected) and "Create a new Java project defined as a utility JAR or web library".
- Project import:** Two radio buttons: "Expanded: extract project contents for development" (selected) and "Optimized: make binary projects for EJB, client, and utility JARs".

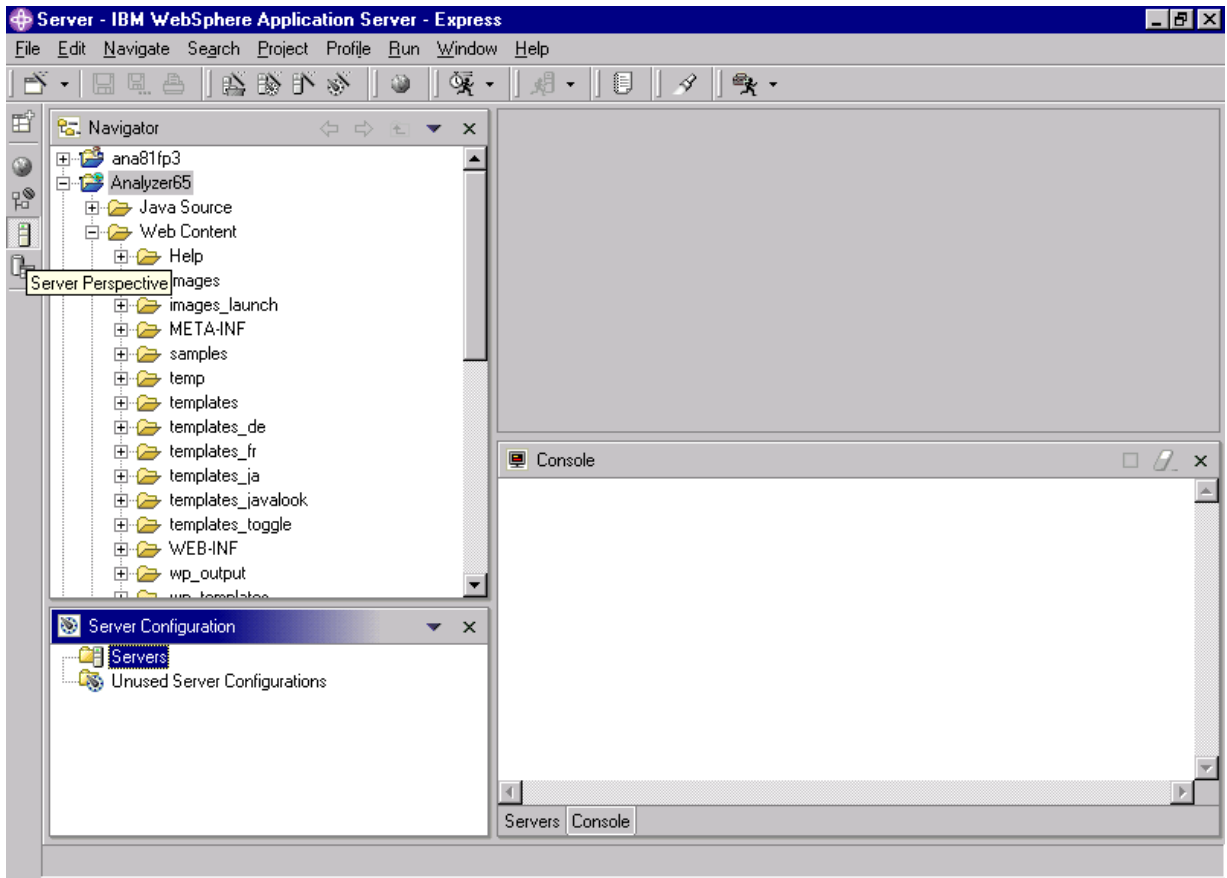
At the bottom of the dialog are four buttons: "< Back", "Next >" (highlighted with a dashed border), "Finish", and "Cancel".

7. In the **JARs and module files in EAR** box, select **Analyzer65.war**. This populates the **Available dependent JARs** column and also select all 6 dependent JARs. Click **Finish** to start the actual deployment of the file Analyzer65.ear.

Deployment may take up to several minutes.



8. After the deployment is complete, click **Server Perspective** in the Navigator box. Then in the Server Configuration box, right click on **Servers** and select **New > Server and Server Configuration**.



9. In this window, input a Server name, for example, **ana81fp3**. For Server Type, choose **Express Remote Server** under **WebSphere version 5.0**. Click **Next**.

Create a New Server and Server Configuration

Create a new server and server configuration
Choose the properties for the new server.

Server name: ana81fp3

Folder: Servers

Server type:

- WebSphere version 5.0
 - Express Remote Server**
 - Express Test Environment
 - Remote Server Attach
- Apache Tomcat version 4.1
- Apache Tomcat version 4.0
- Apache Tomcat version 3.2
- J2EE Publishing Server
- Remote Application Server Attach

Template: None

Description: Publishes and runs J2EE projects and server configurations on a remote WebSphere server.

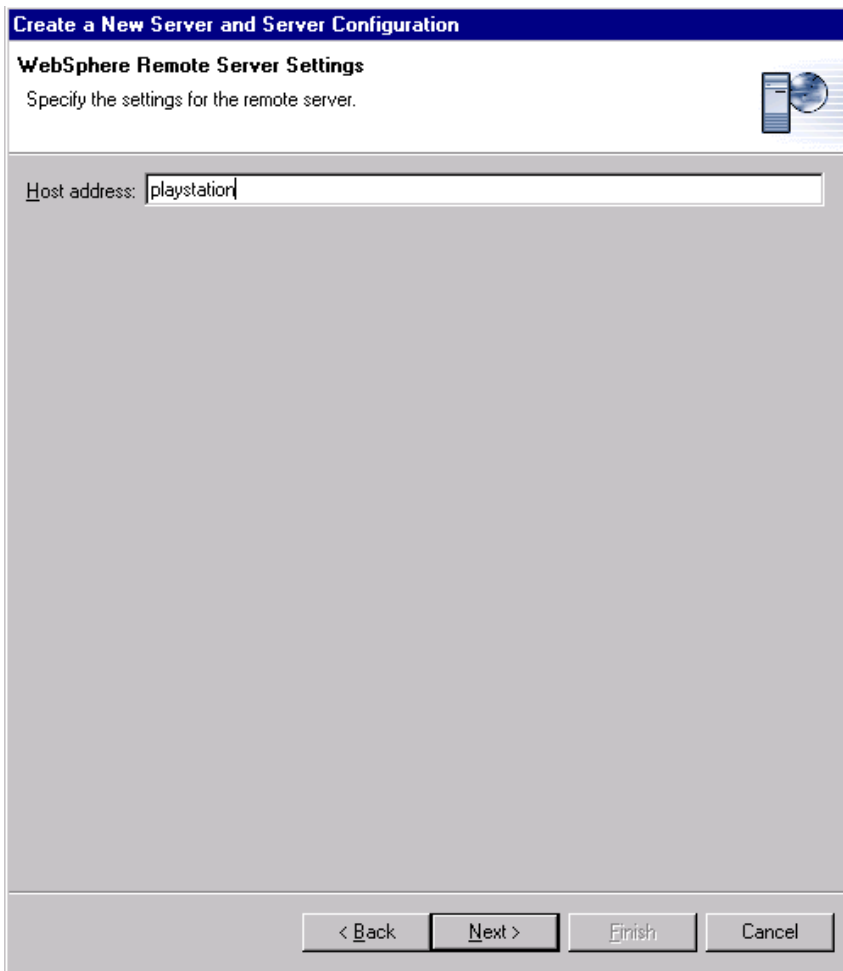
Server configuration type: WebSphere Express v5.0 Server Configuration

Template: None

Description: A server configuration for WebSphere version 5.0

< Back Next > Finish Cancel

10. Enter the Windows machine hostname or the IP address of the machine where the WebSphere Application Server is installed. Click **Next**.



The image shows a Windows-style dialog box titled "Create a New Server and Server Configuration". Inside, the section "WebSphere Remote Server Settings" is active, with the instruction "Specify the settings for the remote server." and a small server icon. A text input field labeled "Host address:" contains the text "playstation". At the bottom, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

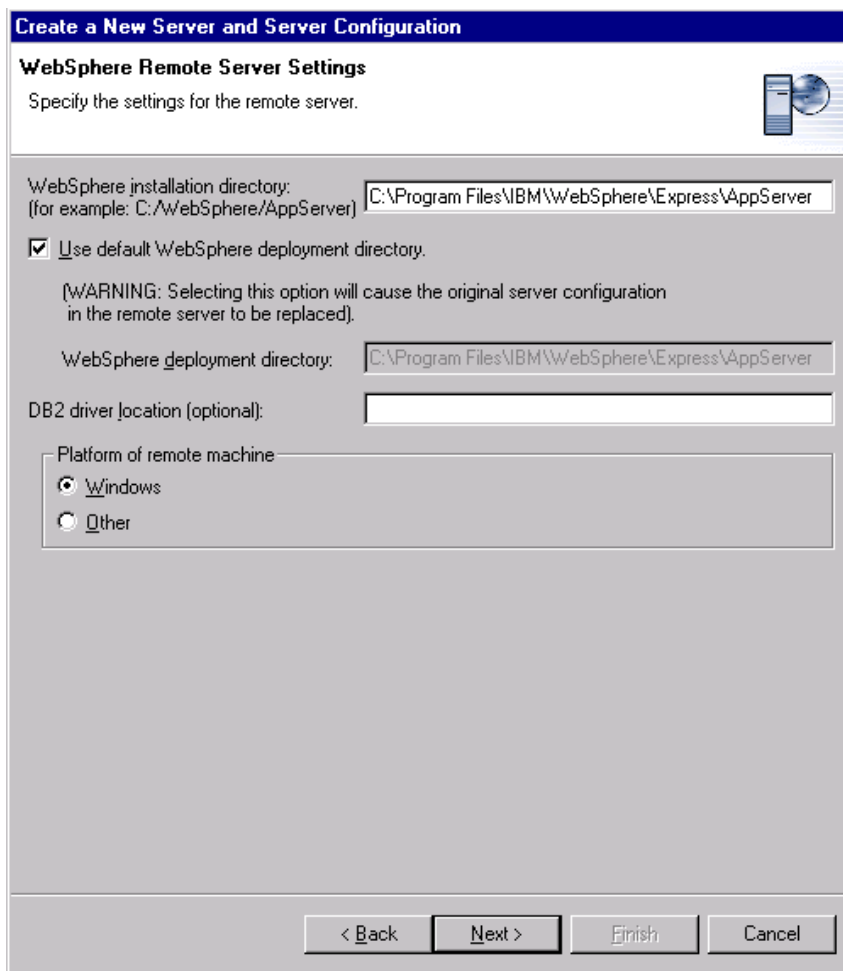
Create a New Server and Server Configuration

WebSphere Remote Server Settings
Specify the settings for the remote server.

Host address:

< Back Next > Finish Cancel

11. Ensure that the WebSphere installation directory is correct. Here, it shows the default path. Accept the default values in this window and click **Next**.



Create a New Server and Server Configuration

WebSphere Remote Server Settings
Specify the settings for the remote server.

WebSphere installation directory:
(for example: C:/WebSphere/AppServer)

Use default WebSphere deployment directory.
(WARNING: Selecting this option will cause the original server configuration in the remote server to be replaced).

WebSphere deployment directory:

DB2 driver location (optional):

Platform of remote machine

Windows
 Other

< Back Next > Finish Cancel



12. Accept the default values in this window and click **Next**.

Create a New Server and Server Configuration

Create or Select a Remote File Transfer Instance


Create or select an existing remote file transfer instance for transferring resources to the remote machine.

Create a new remote file transfer instance

 Copy file transfer mechanism
 FTP file transfer mechanism

Description: Transfer file to remote machine by direct file copying on file system.

Use an existing remote file transfer instance

 /Servers/ift1

< Back Next > Finish Cancel

13. Type the WebSphere installation path in the **Remote target directory**. In this example, the default installation path, C:\Program Files\IBM\WebSphere\Express\AppServer, is used. Click **Next**.

The image shows a Windows-style dialog box titled "Create a New Server and Server Configuration". The title bar is dark blue with white text. Below the title bar, the main area has a light gray background. At the top left of the main area, the text "Create a New Server and Server Configuration" is displayed. To the right of this text is a small icon of a folder with a right-pointing arrow. Below the title, there is a line of text: "Remote file transfer settings. The target directory is the destination directory seen from the local machine." Below this text are three input fields, each with a "Browse..." button to its right. The first field is labeled "Project folder:" and contains the text "Servers". The second field is labeled "Remote file transfer name:" and contains the text "rft2". The third field is labeled "Remote target directory:" and contains the text "C:\Program Files\IBM\WebSphere\Express\AppServer". At the bottom of the dialog box, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

Create a New Server and Server Configuration

Create a New Server and Server Configuration

Remote file transfer settings. The target directory is the destination directory seen from the local machine.

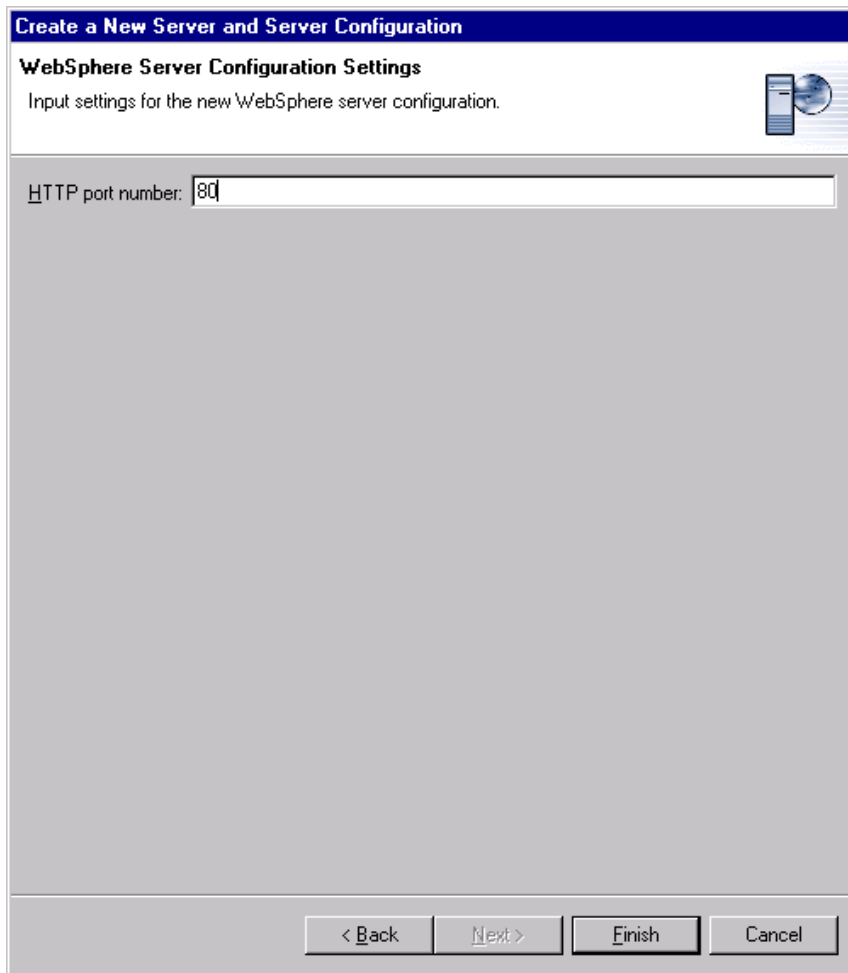
Project folder: Servers Browse...

Remote file transfer name: rft2

Remote target directory: C:\Program Files\IBM\WebSphere\Express\AppServer Browse...

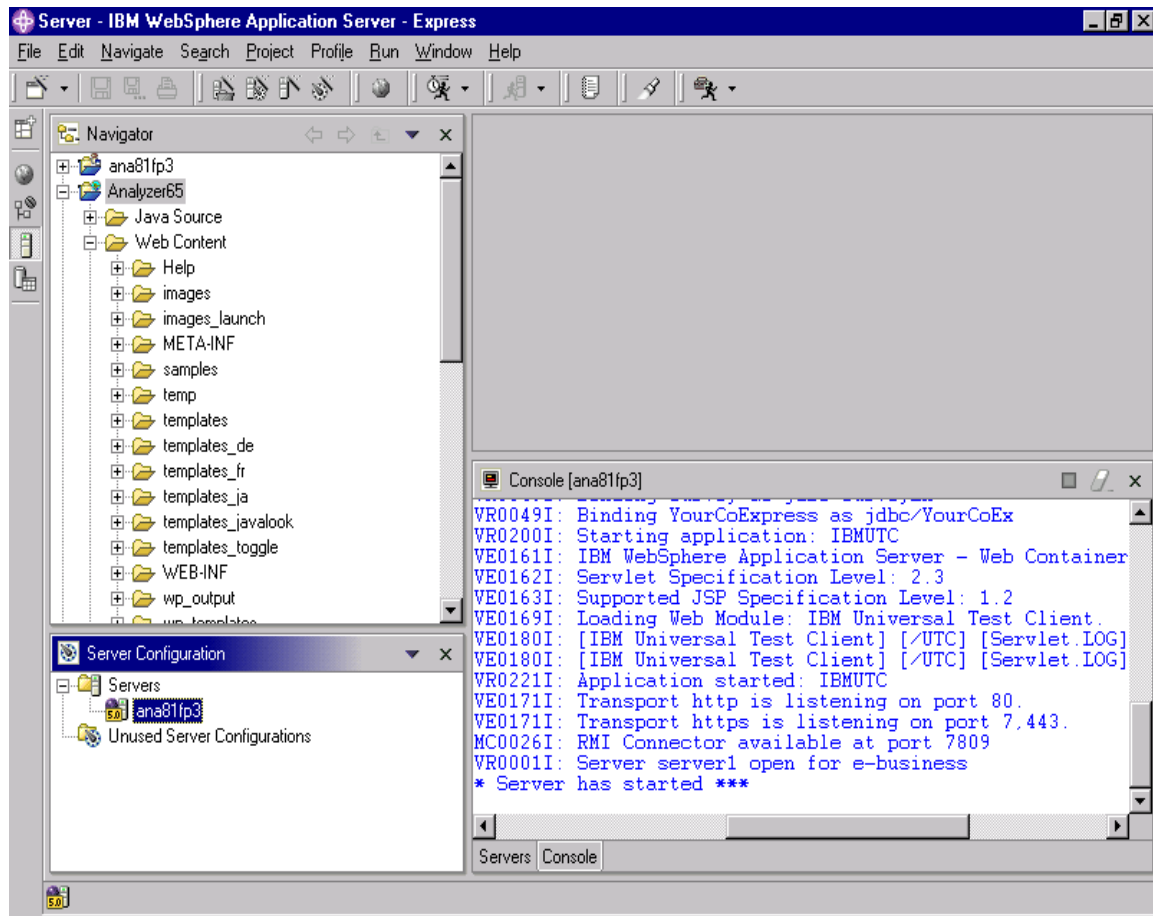
< Back Next > Finish Cancel

14. The default value for **HTTP port number** is 7080. Check the Services file (C:\winnt\system32\driver\etc) for the appropriate port information for your installation. Click **Finish**.

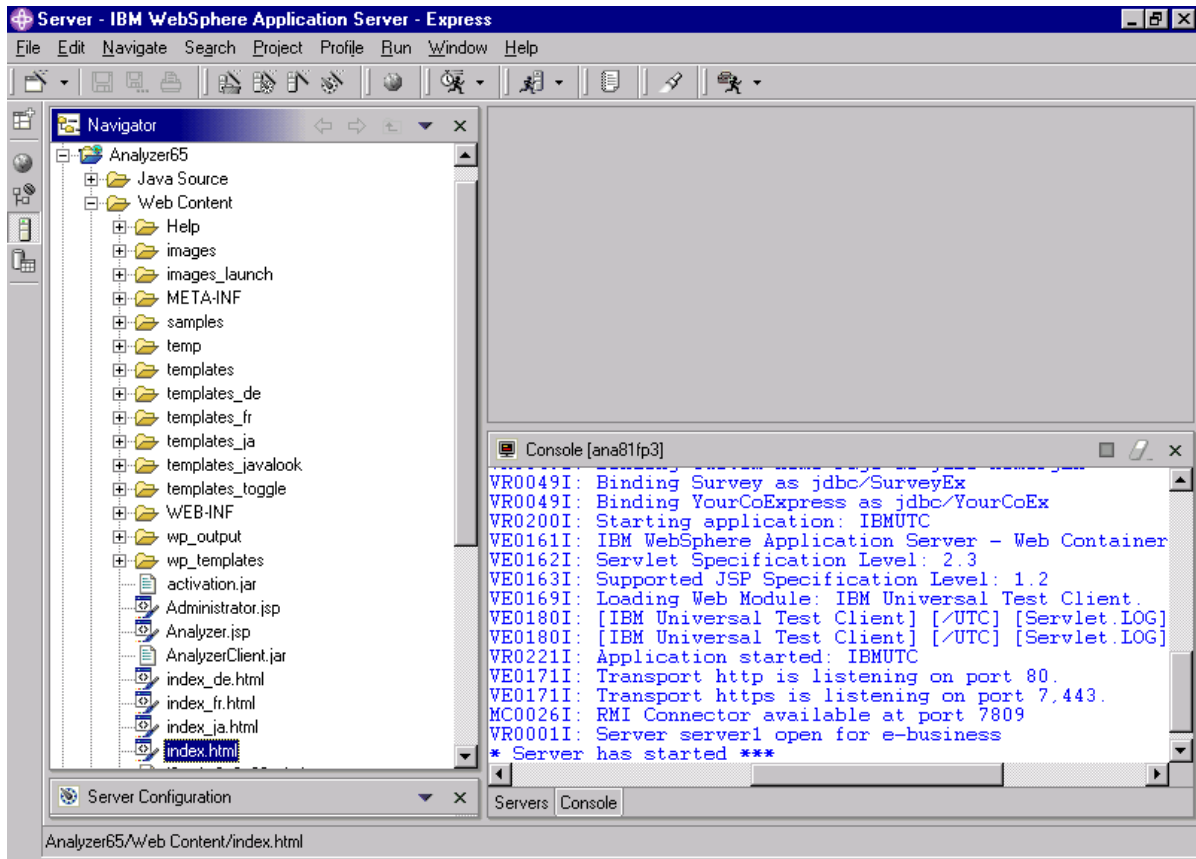


The image shows a Windows-style dialog box titled "Create a New Server and Server Configuration". The main heading is "WebSphere Server Configuration Settings". Below the heading, it says "Input settings for the new WebSphere server configuration." There is a small icon of a server tower and a CD-ROM to the right of the text. The main area of the dialog is a large, empty gray rectangle. At the top of this area, there is a text label "HTTP port number:" followed by a text input field containing the number "80". At the bottom of the dialog, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

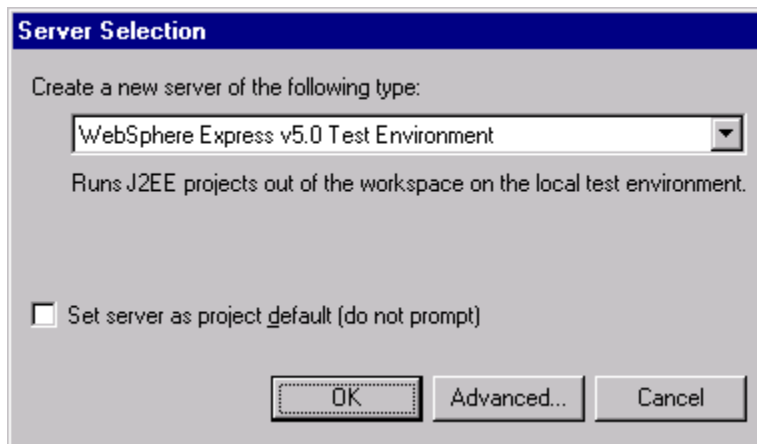
15. To start the Server, right click on the newly created server (in this example, **ana81fp3**) and select **Control > Start**. A successful start will show the phrase "**....open for e-business**" in the Console window. This confirms that the server is correctly installed.



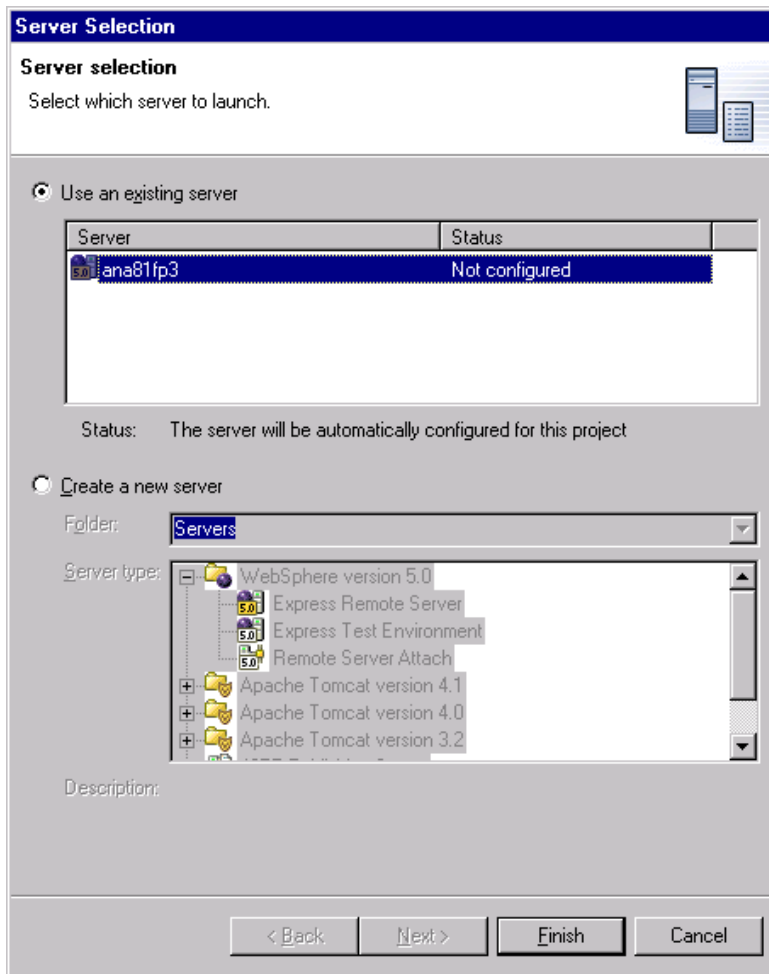
16. In the Navigator box, Click on the plus sign (+) next to **Web Content** to open that view:



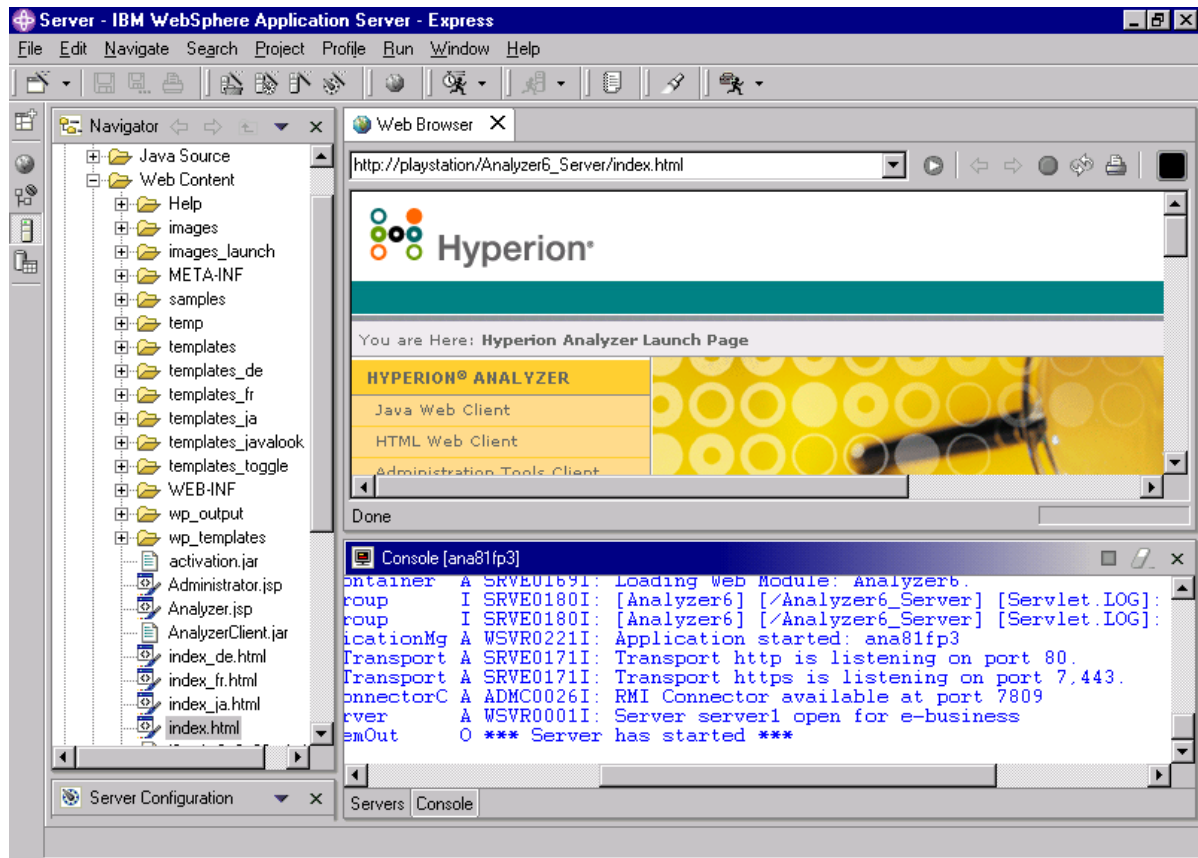
17. Under **wp_templates**, right click on **index.html** and select **Run on Server**. The following window opens. Click **Advanced**.



18. Accept the default value of **Use an existing server** and click **Finish** to start publishing.



19. After publishing is complete, the Analyzer index.html page opens in the Web Browser box on upper right:



20. Now, you are ready to launch Analyzer. Launch a web browser such as Internet Explorer and type in the following address:

http://<hostname>/Analyzer6_Server/index.html

Service level: Hyperion Analyzer 6.5.0.0.00701

August 2003

Licensed Material - Program Property of IBM

(c) Copyright IBM Corp. 1998, 2003. All Right Reserved.

US Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

IBM, DB2, and DB2 OLAP Server are trademarks of International Business Machines Corporation in the United States, other countries, or both.

Portions (c) 1991-2003 Hyperion Solutions Corporation. All rights reserved. Hyperion is a registered trademark and Hyperion Solutions is a trademark of Hyperion Solutions Corporation.

Portions (c) Blue Sky Corporation. All rights reserved.