BEA WebLogic Adapter for RDBMS

Installation and Configuration Guide for WebLogic Integration 7.0

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BEA WebLogic Adapter for RDBMS
Installation and Configuration Guide for WebLogic Integration 7.0

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Contents

Index

About This Document

This document provides the information you need to deploy the BEA WebLogic Adapter for Relational Database Management Systems (RDBMS) with WebLogic Integration 7.0. It is organized as follows:

- Chapter 1, "Deploying the BEA WebLogic Adapter for RDBMS," provides the information you need to configure your environment and deploy the BEA WebLogic Adapter for RDBMS with WebLogic Integration 7.0.
- Appendix A, "Preparing to Deploy the Adapter with WebLogic Integration 7.0 SP2," provides the information required to prepare to deploy the adapter with WebLogic Integration SP2.

  Note: The BEA WebLogic Adapter for RDMBS is now included with WebLogic Integration 7.0 SP5. This appendix is provided for users who do not wish to upgrade for some reason.

What You Need to Know

This document is written for system integrators who develop client interfaces between an RDBMS and third-party Enterprise Information System (EIS) applications. It describes how to use adapter tools to develop connections between a WebLogic Integration client and an RDBMS.

It is assumed that you know Web technologies and have a general understanding of Microsoft Windows and UNIX systems, in addition to the following:

- Some experience installing EIS and integration products and an understanding of RDBMS and SQL products with which this software will be integrating.

- Knowledge of the specific business application and data models for the required application
- General knowledge of BEA WebLogic Integration architecture
- General knowledge of XML concepts

Extensive internal knowledge of the specific SQL environment is not required, but may be helpful in learning about the BEA WebLogic Adapter for RDBMS.

e-docs Web Site

BEA product documentation is available on the BEA corporate Web site. From the BEA Home page, click on Product Documentation or go directly to the e-docs product documentation page at http://e-docs.beasys.com.

Related Information

The following BEA WebLogic Adapter for RDBMS documents contain information that is relevant to using this product:

- *BEA WebLogic Adapter for RDBMS User Guide* and *Release Notes* at http://edocs.bea.com/wladapters/rdbms/docs71/index.html
- BEA WebLogic Platform installation and user documentation, at http://edocs.bea.com/platform/docs70
- Specific RDBMS installation and user documentation

Contact Us!

Your feedback on the BEA WebLogic Adapter for RDBMS documentation is important to us. Send us e-mail at docsupport@beasys.com if you have questions or comments. Your comments will be reviewed directly by the BEA professionals who create and update the BEA WebLogic Adapter for RDBMS documentation.

In your e-mail message, please indicate that you are using the documentation for the BEA WebLogic Adapter for RDBMS 7.1 release.

If you have any questions about this version of BEA WebLogic Adapter for RDBMS Worklist, or if you have problems installing and running the product, contact BEA Customer Support through BEA WebSupport at www.beasys.com. You can also contact Customer Support by using the contact information provided on the Customer Support Card, which is included in the product package.

When contacting Customer Support, be prepared to provide the following information:

- Your name, e-mail address, phone number, and fax number
- Your company name and company address
- Your machine type and authorization codes
- The name and version of the product you are using
- A description of the problem and the content of pertinent error messages

Documentation Conventions

The following documentation conventions are used throughout this document.

Convention	Item
boldface text	Indicates terms defined in the glossary.
Ctrl+Tab	Indicates that you must press two or more keys simultaneously.

Convention	Item
italics	Indicates emphasis or book titles.

`monospace text`	Indicates code samples, commands and their options, data structures and their members, data types, directories, and filenames and their extensions. Monospace text also indicates text that you must enter from the keyboard.
	Examples:
	`#include <iostream.h> void main ( ) the pointer psz`
	`chmod u+w *`
	`\tux\data\ap`
	`.doc`
	`tux.doc`
	`BITMAP`
	`float`

`monospace boldface text`	Identifies significant words in code. *Example:* `void` **`commit`** `( )`
`monospace italic text`	Identifies variables in code. *Example*: `String` *`expr`*
UPPERCASE TEXT	Indicates device names, environment variables, and logical operators. *Example*s: LPT1 SIGNON OR
`{}`	Indicates a set of choices in a syntax line. The braces themselves should never be typed.

`[]`	Indicates optional items in a syntax line. The brackets themselves should never be typed.
	Example:
	`buildobjclient [-v] [-o name] [-f` *`file-list`*`]...`
	`[-l` *`file-list`*`]...`

|	Separates mutually exclusive choices in a syntax line. The symbol itself should never be typed.

Convention	Item

. . .	Indicates one of the following in a command line:
	■ That an argument can be repeated several times in a command line
	■ That the statement omits additional optional arguments
	■ That you can enter additional parameters, values, or other information
	The ellipsis itself should never be typed.
	Example:
	`buildobjclient [-v] [-o name] [-f file-list]...`
	`[-l file-list]...`

. . .	Indicates the omission of items from a code example or from a syntax line. The vertical ellipsis itself should never be typed.

1 Deploying the BEA WebLogic Adapter for RDBMS

This section provides instructions for configuring your environment and deploying the BEA WebLogic Adapter for RDBMS with WebLogic Integration 7.0. It includes the following topics:

Supported RDBMS Versions

The following RDBMS versions are supported:

- Oracle 8i
- Oracle 9i
- SQL Server 2000

- DB2 UDB V7
- Sybase Adaptive Server 12 (with WebLogic Integration 7.0 SP5 only)

Understanding the Representation of Paths

Because the location of files in the WebLogic Integration environment depends on options selected during installation and configuration, the conventions that follow are used throughout to represent paths.

- *BEA_HOME* represents the BEA Home directory specified for your WebLogic installation.

  For example: If you install the product in the default location on a Windows system, *BEA_HOME* represents `C:\bea`.

- *WLI_HOME* represents the root of your WebLogic Integration installation.

  For example: If you install WebLogic Integration 7.0 in the default location on a Windows system, *WLI_HOME* represents `C:\bea\weblogic700\integration`.

- *WL_HOME* represents the root of your WebLogic Platform installation.

  For example: If you install WebLogic Integration 7.0 in the default location on a Windows system, *WL_HOME* represents `C:\bea\weblogic700`

- *domain* is used to indicate the name of a domain.

  In WebLogic Integration 7.0, you can use the Configuration Wizard to create custom user domains. When you use the Configuration Wizard to set up the domain configuration stored on the administration server, you are prompted to assign a domain name, *domain*, and to specify the location to which the *domain* directory will be installed. The files required by the administration server are installed in the *domain* directory under the specified location.

  For additional information, see *Using the Configuration Wizard* at the following URL:

  http://edocs.bea.com/platform/docs70/confgwiz/index.html

For example, if you accept the Configuration Wizard default location, *BEA_HOME*\user_projects, the files required by the administration server are installed in the following directory:

BEA_HOME\user_projects*domain*

- *DOMAIN_HOME* represents the complete path to the root of a domain.

  For example: If you use the WebLogic Integration 7.0 Configuration Wizard to create a domain in the default location on a Windows system, *DOMAIN_HOME* represents C:\bea\weblogic700\user_projects*domain*.

Note: *WLI_HOME* and *BEA_HOME* also represent the corresponding Windows and UNIX environment variables. For example, the literal interpretation of *WLI_HOME* is %WLI_HOME% for Windows and $WLI_HOME for UNIX.

Unlike *WLI_HOME* and *BEA_HOME*, *DOMAIN_HOME* is not an environment variable that is set by default in the WebLogic Integration environment.

- *localhost* represents the IP address of the machine running the WebLogic Server.

Preparing to Deploy the Adapter

Note: The adapter is included with WebLogic Integration 7.0 Service Pack 5 (SP5). If you have not yet upgraded, we recommend that you do so now. If you do not wish to upgrade, you can obtain the software and prepare for installation as described in Appendix A, "Preparing to Deploy the Adapter with WebLogic Integration 7.0 SP2."

This section describes the preliminary actions you must take before deploying the Adapter for RDBMS with WebLogic Integration SP5. It includes the following topics:

Step 1. Review Release Notes

Before you install the BEA WebLogic Adapter for RDBMS, you must review the *BEA WebLogic Adapter for RDBMS Release Notes* to ensure that you have the prerequisite software installed. The *BEA WebLogic Adapter for RDBMS Release Notes* is available at the following URL:

http://edocs.bea.com/wladapters/rdbms/docs71/pdf/relnotes.pdf

Step 2. Configure the Domain

The adapter can only be deployed in a domain that includes support for application integration functionality. If you have not already done so, use the Configuration Wizard to create the domain and select one of the following domain templates:

- Enterprise application integration (EAI) domain template
- WebLogic Integration (WLI) domain template
- Platform domain template

For the information you need to configure a fully functional domain based on the template, see the appropriate section of the *Configuration Wizard Template Reference*:

- For the EAI domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/eaidomain.html
- For the WLI domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/wlidomain.html
- For the platform domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/platjar.html

For general information about using the Configuration Wizard, see *Using the Configuration Wizard* at the following URL:

http://edocs.bea.com/platform/docs70/confgwiz/index.html

When you use the Configuration Wizard to create a domain that includes support for application integration, a domain-specific version of the Database Wizard is installed in the *DOMAIN_HOME* directory. You must run the Database Wizard for the domain to initialize the database repository with the required tables and system data. For additional information, see the "Configuring the Database for a Domain" section of "Getting Started" in *Starting, Stopping, and Customizing BEA WebLogic Integration*, at the following URL:

http://edocs.bea.com/wli/docs70/config/getstart.htm

Step 3. Add the JDBC Driver for the Target RDBMS to the Classpath

A connection to a database requires a JDBC 2.1 compliant driver for the RDBMS you are using.

Note: For details on commonly used drivers with which the Adapter for RDBMS has been tested, see "Commonly Used Drivers," in the *BEA WebLogic Adapter for RDBMS User Guide*, available at the following URL:
http://edocs.bea.com/wladapters/rdbms/docs71/pdf/user.pdf

Obtain a JDBC 2.1 compliant driver for the RDBMS you are using and add it to the CLASSPATH as described in the following procedure:

1. Place the `JAR` files that constitute the driver in any folder.
2. Do one of the following:
   - For Windows: Edit the *WLI_HOME*`\setenv.cmd` file to include the driver files in `WLISERVERCP`, the WebLogic Server `CLASSPATH`.
   - For UNIX: Edit the *WLI_HOME*`/setenv.sh` file to include the driver files in `WLISERVERCP`, the WebLogic Server `CLASSPATH`.
3. Do one of the following:
   - For Windows: Edit the *WLI_HOME*`\bin\setenv.cmd` file to include the driver files in `WLISERVERCP`, the WebLogic Server `CLASSPATH`.
   - For UNIX: Edit the *WLI_HOME*`/bin/setenv.sh` file to include the driver files in `WLISERVERCP`, the WebLogic Server `CLASSPATH`.

Note: After you have deployed the adapter, you must create a connection pool and data source before you define connection parameters in an application view. The instructions for creating a connection pool and data source are provided in "Defining Application Views for the Adapter for RDBMS" in the *BEA WebLogic Adapter for RDBMS User Guide*.

Step 4. Create the Required Tables

Create the tables required in the WebLogic Integration repository and the target RDBMS as described in the following procedure.

To create the required tables:

1. Open the following file in your preferred text editor:

   On Windows
   `WLI_HOME\adapters\rdbms\scripts\EventPollingMetadatasetupdb.cmd`

   On UNIX
   `WLI_HOME/adapters/rdbms/scripts/EventPollingMetadatasetupdb.sh`

2. Locate the following line and replace `WL_HOME` with the location on your system.

   On Windows
   ```
   if /I "%WLI_HOME%" == "" call WL_HOME\common\bin\commEnv.cmd
   ```

   On UNIX
   ```
   if ["$WLI_HOME"=""]; then .$WL_HOME/common/bin/commEnv.sh
   ```

   For example, if you installed WebLogic Platform to the default directory on windows, replace `WL_HOME` with `c:\bea\weblogic700`.

3. Open the `WLI_HOME\adapters\rdbms\scripts\dbprops.properties` file in your preferred text editor and modify as required.

   The `dbprops.properties` file contains the JDBC settings for the database repository for the domain. Pointbase is the default database. Follow the instructions at the top of the file to configure a database other than Pointbase.

4. To create the `EVENT_POLLING_METADATA` in the WebLogic Integration repository, run the following command:

   `EventPollingMetadatasetupdb.cmd DB_TYPE`

Here, *DB_TYPE* represents the repository database type (`pointbase`, `oracle`, `mssql`, or `db2`).

5. To create the event tables in your target RDBMS, run the script appropriate to the database type. See the following table.

For this RDBMS. . .	Run this script. . .
Oracle	*WLI_HOME*\adapters\rdbms\scripts\oracle\CreateOracleEventTables.sql
SQL Server 2000	*WLI_HOME*\adapters\rdbms\scripts\mssql\CreateMssqlEventTables.sql
DB2 UDB	*WLI_HOME*\adapters\rdbms\scripts\DB2\CreateDB2EventTables.sql
Sybase Adaptive Server	*WLI_HOME*\adapters\rdbms\scripts\sybase\CreateSybaseEventTables.sql

Deploying the Adapter for RDBMS

This section provides instructions for deploying the BEA WebLogic Adapter for RDBMS with WebLogic Integration 7.0. It includes the following topics:

Step 1. Deploy the Adapter Using the WebLogic Server Console

After the BEA WebLogic Adapter for RDBMS is installed, it must be deployed to your domain. To configure and deploy an adapter using the WebLogic Server Administration Console, do the following:

1. Start the WebLogic Server.
2. Open the WebLogic Server Console in a browser using the following URL:

   `http://localhost:port/console/`

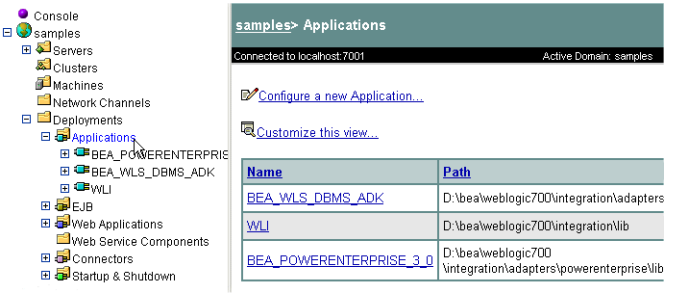
   Here, *`localhost`* represents the IP address of the machine running the WebLogic Server, and *`port`* represents the listening port.

   For example, `http://localhost:7001/console/` or `http://172.19.138.44:7001/console/`
3. Enter the user name and password for the server. The WebLogic Server Console appears.

Figure 1-1 WebLogic Server Console

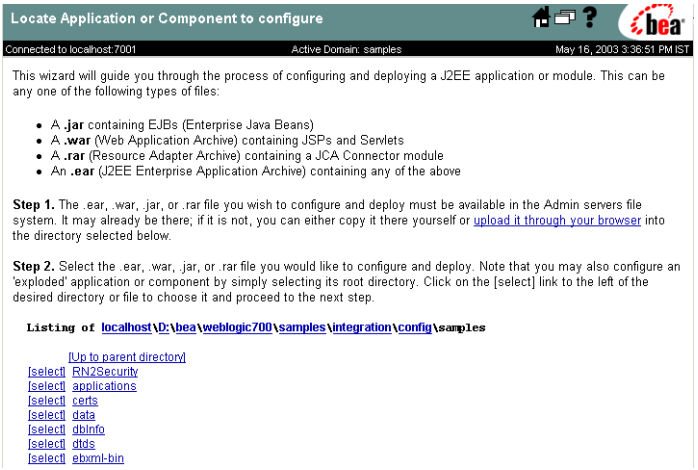
4. In the left pane, choose Deployments→Applications. The console displays the Applications page.

Figure 1-2 Applications



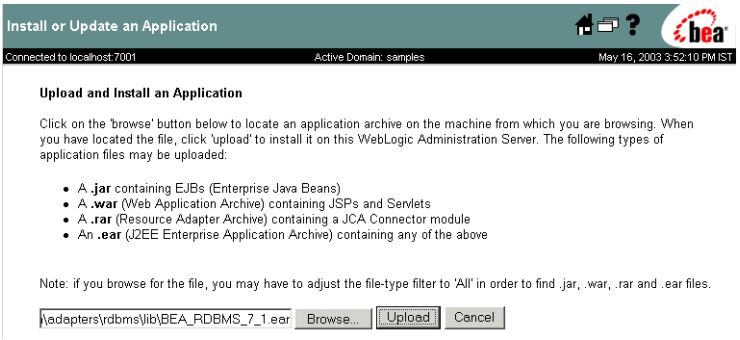
5. Click the Configure a new Application link. The console displays the Locate Application or Component to configure page.

Figure 1-3 Locate Application or Component to configure



6. To upload the `BEA_RDBMS_7_1.ear` file, click the upload it through your browser link to display the Install or Update an Application page.
7. Click Browse to display the Choose File dialog box.
8. Browse to the *`WLI_HOME`*`\adapters\rdbms\lib` directory.
9. Select the `BEA_RDBMS_7_1.ear` file and then click Open. The selected location appears in the field.

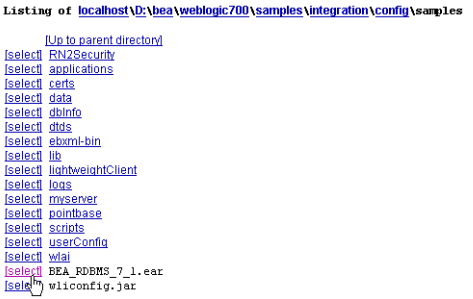
Figure 1-4 Install or Update an Application



10. Click Upload.

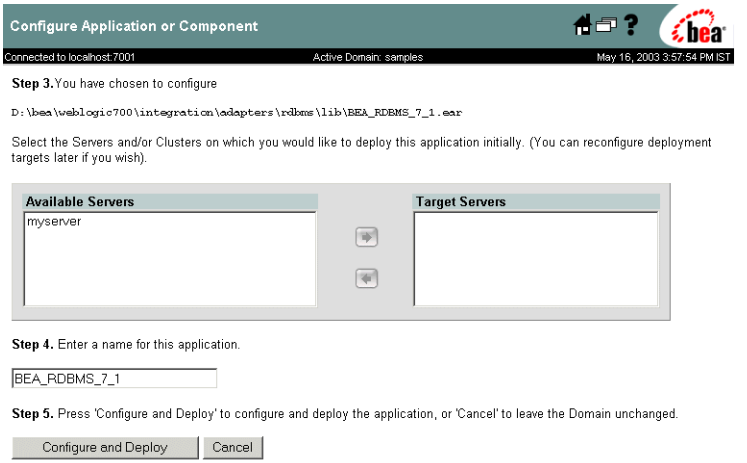
    The browser status bar indicates upload progress. After the upload is complete, the Locate Application or Component to configure page reappears. The uploaded file is copied to the directory on the administrative server.

Figure 1-5 Adapter EAR File Uploaded to Administrative Server



11. Click the [select] link to the left of the `BEA_RDBMS_7_1.ear` file. The console displays the Configure Application or Component page.

Figure 1-6 Configure Application or Component

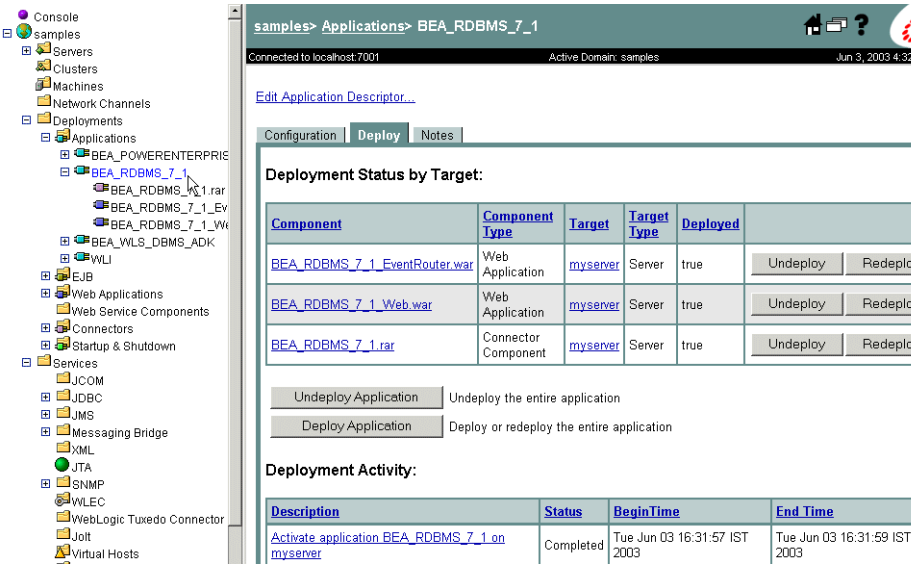


12. Select the server on which to deploy the adapter by using the arrow buttons to move entries from the available list to the target list.

13. Click Configure and Deploy. The console displays the deployment status, which includes a description, status, begin time, and end time for the deployed adapter.

    The following figure shows a configured application.

Figure 1-7 Configured Application



Step 2. Create or Update the Adapter Group

Before you create an application view that uses the events or services supported by an adapter, you must do the following:

- Create the Administrative Server User Name
- Add the User Name to the Adapter Group
- Create the Adapter Group and Add the User Name

The action required to complete the configuration depends on which domain template you selected when you created the domain. See the following table for guidelines.

Table 1-1 Configuration Requirements

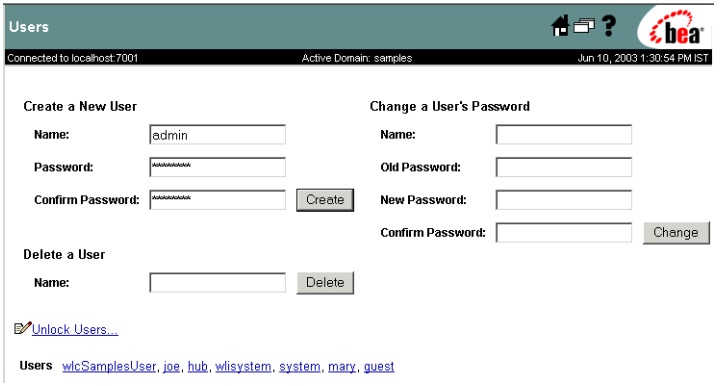
If you created a domain based on the...	And the administrative server user name is...	Then...
Platform domain template	Any value	Create the `adapter` group and add the administrative user name to it. For details, see section "Create the Adapter Group and Add the User Name" on page 1-15.
WLI or EAI domain template	`system`	The `adapter` group is already defined. This group includes the `system` user name by default. No further configuration is required.
WLI or EAI domain template	A value other than `system`	The `adapter` group is already defined. Add the user name to the group. For details, see section "Add the User Name to the Adapter Group" on page 1-14.

Create the Administrative Server User Name

To create the administrative server user name, do the following:

1. In the left pane of the WebLogic Server Administration Console, choose Compatibility Security→Users. The console displays the Users page, showing the users currently defined for the domain.

Figure 1-8 Users



2. Enter Name, Password, and Confirm Password. Click Create. The newly created user is added to the Users list below.

Add the User Name to the Adapter Group

To add the administrative server user name to the `adapter` group, do the following:

1. In the left pane of the WebLogic Server Administration Console, choose Compatibility Security→Groups. The console displays groups currently defined for the domain.
2. Locate and click the link for the `adapter` group to display the group definition.

Figure 1-9 Group Definition

3. If the administrative server user name is not included in the Members list, enter the user name in the Add Users field.
4. Click Apply to add the user name to the group. The name is added to the Members list.

Create the Adapter Group and Add the User Name

To create the `adapter` group and add the administrative server user name to it simultaneously, do the following:

1. In the left pane of the WebLogic Server Administration Console, choose Compatibility Security→Groups.
2. Click the Create a New Group link to display the Groups page.

Figure 1-10 Groups

3. Enter `adapter` in the Name field.
4. Enter the administrative server user name in the Add Users field.

   Note: You should already have created the administrative server user name.

5. Click Apply. The Group page is updated as shown in the following figure.

Figure 1-11 Groups Updated

Next Steps

After you have successfully deployed the adapter, you can log on to the WebLogic Integration Application View Console to create application views that employ events and services supported by the BEA WebLogic Adapter for RDBMS.

For more information, see the *BEA WebLogic Adapter for RDBMS User Guide*, at the following URL: http://edocs.bea.com/wladapters/rdbms/docs71/index.html

A Preparing to Deploy the Adapter with WebLogic Integration 7.0 SP2

If you have installed WebLogic Integration 7.0 Service Pack 5, the Adapter for RDBMS is included with the service pack and is licensed as part of WebLogic Integration. Refer to Chapter 1, "Deploying the BEA WebLogic Adapter for RDBMS."

If you do not wish to upgrade to WebLogic Integration 7.0 SP5 for some reason, you must complete the steps described in this section.

Preparing to Deploy the Adapter

This section describes the preliminary actions you must take before deploying the BEA WebLogic Adapter for RDBMS on WebLogic Integration 7.0 SP2. It includes the following topics:

Step 1. Obtain the Software

You can obtain the BEA WebLogic Adapter for RDBMS software by download (at http://commerce.bea.com/showallproducts.jsp) or on CD media. If you download the adapter, it is in the form of a single `.zip` file. which contains the adapter file (`BEA_RDBMS_7_1.ear`), as well as support files, such as scripts. You can extract the files from the distribution `.zip` file into any folder.using an unzip utility such as WinZIP. If you obtain the adapter on CD, all files are included and organized in subdirectories.

Step 2. Update the BEA License

If you have installed WebLogic Integration Service Pack 5, the adapter is included with the service pack and is licensed as part of WebLogic Integration. If you install the adapter with an earlier release of WebLogic Integration, you must obtain a valid software license and update your `license.bea` file as described in the following procedure. If you downloaded the adapter for evaluation, you can obtain an evaluation license as described on the download page. If you purchased a license for the adapter, the license file is typically sent to you as an e-mail attachment.

When you have obtained a valid license for the adapter, update your `license.bea` file by completing the following steps:

1. Save the license file that you obtained with a name other than `license.bea`, in the *`BEA_HOME`* directory. For example, save the file as `utility_adapter_license.bea`. Use this file as the *`license_update_file`* in step 4. of this procedure.

   Warning: Do not overwrite or change the name of the existing `license.bea` file.

2. Perform the step appropriate for your platform:
   - On a Windows system, open an MS-DOS session and go to the *BEA_HOME* directory.
   - On a UNIX system, go to the *BEA_HOME* directory.
3. If it is not already included, add the JDK to your *PATH* variable by executing the command appropriate to your system:
   - On a Windows system:

     ```
     set PATH=BEA_HOME\jdkversion\bin;%PATH%
     ```

   - On a UNIX system:

     ```
     PATH=BEA_HOME/jdkversion/bin:$PATH
     export PATH
     ```

   Note: Here, *version* refers to the JDK version according to which the folder will be named.
4. Merge the license update file into your existing license by executing the command appropriate to your system:
   - On a Windows system:

     ```
     UpdateLicense license_update_file
     ```

   - On a UNIX system:

     ```
     sh UpdateLicense.sh license_update_file
     ```

   Here, *license_update_file* is the name to which you saved the license update file in step 1.
5. Save a copy of your updated `license.bea` file in a safe place outside the WebLogic Integration and application installation directories.
6. Restart the WebLogic Server.

Step 3. Copy Files to the Default Locations

Copy the files provided to the locations indicated in the following table.

Note: For information about the variables used in the representation of paths, see "Understanding the Representation of Paths" on page 1-2.

Copy files extracted to this directory . . .	To this location in your WebLogic Integration installation. . .
EXTRACTDIR\lib	*WLI_HOME*\adapters\rdbms\lib
EXTRACTDIR\Script	*WLI_HOME*\adapters\rdbms\scripts
EXTRACTDIR\Script\cloudscape	*WLI_HOME*\adapters\rdbms\scripts\cloudscape
EXTRACTDIR\Script\db2	*WLI_HOME*\adapters\rdbms\scripts\DB2
EXTRACTDIR\Script\mssql	*WLI_HOME*\adapters\rdbms\scripts\mssql
EXTRACTDIR\Script\oracle	*WLI_HOME*\adapters\rdbms\scripts\oracle
EXTRACTDIR\Script\pointbase	*WLI_HOME*\adapters\rdbms\scripts\pointbase

Step 4. Configure the Domain

The adapter can only be deployed in a domain that includes support for application integration functionality. If you have not already done so, use the Configuration Wizard to create the domain and select one of the following domain templates:

- Enterprise application integration (EAI) domain template
- WebLogic Integration (WLI) domain template
- Platform domain template

For the information you need to configure a fully functional domain based on the template, see the appropriate section of the *Configuration Wizard Template Reference*:

- For the EAI domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/eaidomain.html
- For the WLI domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/wlidomain.html
- For the platform domain template, see the following URL:
  http://edocs.bea.com/platform/docs70/template/platjar.html

For general information about using the Configuration Wizard, see *Using the Configuration Wizard* at the following URL:

http://edocs.bea.com/platform/docs70/confgwiz/index.html

When you use the Configuration Wizard to create a domain that includes support for application integration, a domain-specific version of the Database Wizard is installed in the `DOMAIN_HOME` directory. You must run the Database Wizard for the domain to initialize the database repository with the required tables and system data. For additional information, see the "Configuring the Database for a Domain" section of "Getting Started" in *Starting, Stopping, and Customizing BEA WebLogic Integration*, at the following URL:

http://edocs.bea.com/wli/docs70/config/getstart.htm

Step 5. Add the JDBC Driver for the Target RDBMS to the Classpath

A connection to a database requires a JDBC 2.1 compliant driver for the RDBMS you are using.

Note: For details on commonly used drivers with which the Adapter for RDBMS has been tested, see "Commonly Used Drivers," in the *BEA WebLogic Adapter for RDBMS User Guide*, available at the following URL:
http://edocs.bea.com/wladapters/rdbms/docs71/pdf/user.pdf

Obtain a JDBC 2.1 compliant driver for the RDBMS you are using and add it to the CLASSPATH as described in the following procedure:

1. Place the JAR files that constitute the driver in any folder.
2. Do one of the following:
   - For Windows: Edit the *WLI_HOME*\setenv.cmd file to include the driver files in WLISERVERCP, the WebLogic Server CLASSPATH.
   - For UNIX: Edit the *WLI_HOME*/setenv.sh file to include the driver files in WLISERVERCP, the WebLogic Server CLASSPATH.
3. Do one of the following:
   - For Windows: Edit the *WLI_HOME*\bin\setenv.cmd to include the driver files in WLISERVERCP, the WebLogic Server CLASSPATH.
   - For UNIX: Edit the *WLI_HOME*/bin/setenv.sh to include the driver files in WLISERVERCP, the WebLogic Server CLASSPATH.

Note: After you have deployed the adapter, you must create a connection pool and data source before you define connection parameters in an application view. The instructions for creating a connection pool and data source are provided in "Defining Application Views for the Adapter for RDBMS" in the *BEA WebLogic Adapter for RDBMS User Guide*.

Step 6. Create the Required Tables

Create the tables required in the WebLogic Integration repository and the target RDBMS as described in the following procedure.

1. Do one of the following:
   - For Windows: Edit the EventPollingMetadatasetupdb.cmd file to modify the location of setEnv.cmd. Execute EventPollingMetadatasetupdb.cmd.
   - For UNIX: Edit the EventPollingMetadatasetupdb.sh file to modify the location of setEnv.sh. Execute EventPollingMetadatasetupdb.sh.

   Note: If the default database for your domain is Cloudscape, stop the WebLogic Server before executing the EventPollingMetadatasetupdb command. This applies to both Windows and UNIX.

Note: The location of `setEnv.cmd`/`setEnv.sh` is dependent on your domain. Therefore, if you choose to configure a new domain, perform step 4 after you configure the domain. For details on how to configure a domain, see "Step 4. Configure the Domain" on page A-4.

2. To create the event tables in your target RDBMS, run the script appropriate to the database type. See the following table.

For this RDBMS. . .	Run this script. . .
Oracle	*WLI_HOME*\adapters\rdbms\scripts\oracle\CreateOracleEventTables.sql
SQL Server 2000	*WLI_HOME*\adapters\rdbms\scripts\mssql\CreateMssqlEventTables.sql
DB2 UDB	*WLI_HOME*\adapters\rdbms\scripts\DB2\CreateDB2EventTables.sql

Deploying the Adapter

You are now ready to deploy the adapter as described in "Deploying the Adapter for RDBMS" on page 1-8.

Index