



BEA WebLogic Adapter for RDBMS

Release Notes

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Part Number	Date
N/A	October 2002

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BEA WebLogic Adapter for RDBMS Release Notes

BEA WebLogic Adapter for RDBMS Release 7.0
Date: October 2002

This document includes the following topics:

- About the BEA WebLogic Adapter for RDBMS Release
- Supported Platforms
- Software Requirements
- Miscellaneous Issues
- Known Limitations
- Contacting BEA Customer Support

About the BEA WebLogic Adapter for RDBMS Release

Since most custom and packaged applications are built with relational databases, RDBMS systems must be taken into consideration in any enterprise integration strategy. The BEA WebLogic Adapter for RDBMS incorporates in-depth knowledge of relational database query access, transaction, replication, and copy management technologies to optimize the use of databases with enterprise application systems.

The BEA WebLogic Adapter for RDBMS enables you to integrate with RDBMS systems functioning as an event adapter that listens to a database and a service adapter that accesses a database. In both cases, the query or stored procedure content is expressed in XML. This provides a convenient and simple method for integrating databases with enterprise applications using BEA WebLogic Integration.

Supported Platforms

The BEA WebLogic Adapter for RDBMS release consists of two components that are available on various platforms. For the purpose of platform coverage, the components are divided into:

- BEA WebLogic Adapter for RDBMS
- BEA Application Explorer

BEA WebLogic Adapter for RDBMS

As of the release date, the BEA WebLogic Adapter for RDBMS is available on the following platforms:

- Sun Solaris 7 (with Sun recommended patches)
- Sun Solaris 8 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2
- Microsoft Windows 2000 Server with Service Pack 2
- Microsoft Windows 2000 Advanced Server with Service Pack 2
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i

We are working to certify the adapter on additional platforms. Up-to-date information on supported platforms is available at the following URL:

<http://edocs.bea.com/wlapters/docs70/support/index.html>

BEA Application Explorer

As of the release date, the BEA Application Explorer is available on the following platforms:

- Sun Solaris 7 (with Sun recommended patches)
- Sun Solaris 8 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2
- Microsoft Windows 2000 Server with Service Pack 2
- Microsoft Windows 2000 Advanced Server with Service Pack 2
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i

We are working to certify the BEA Application Explorer on additional platforms. Up-to-date information on supported platforms is available at the following URL:

<http://edocs.bea.com/wlapters/docs70/support/index.html>

Software Requirements

Before you install the BEA WebLogic Adapter for RDBMS, ensure that you have the following software installed:

■ BEA WebLogic Server and WebLogic Integration.

The software can be downloaded from the BEA Web site at

<http://commerce.bea.com/downloads/products.jsp>

As of the release date, the following versions are supported:

- WebLogic Platform 7.0 with Service Pack 1 (WebLogic Server and WebLogic Integration components must be installed)

The information required to install WebLogic Platform 7.0 can be found at

<http://edocs.bea.com/platform/docs70/install/index.html>

- WebLogic Server 6.1 with Service Pack 2 and WebLogic Integration 2.1 with Service Pack 1

The information required to install WebLogic Server 6.1 can be found at

<http://edocs.bea.com/wls/docs61/install/index.html>

The information required to install WebLogic Integration 2.1 can be found at

http://edocs.bea.com/wlintegration/v2_1sp/index.html

We are working to certify the adapter with additional versions. Up-to-date information on supported versions is available at the following URL:

<http://edocs.bea.com/wlapters/docs70/support/index.html>

- Java Runtime environment 1.3.1 or higher
- Web browser
 - Netscape 6.2 or higher
 - Internet Explorer 5.x or higher
- Access to a supported database server. You must have a database server account with sufficient privileges to create a database with tables. See the following table for a list of the supported databases by platform.

Table 1. Supported Databases by Platform

Database Platform	Supported Database Versions by Platform
Sun Solaris 8	<ul style="list-style-type: none"> ■ Oracle 8.1.7, 9.0.1, 9.2.0 ■ Sybase 12.0, 12.5
RedHat Linux 7.2 2.4.7	<ul style="list-style-type: none"> ■ Oracle 9.0.1, 9.2.0 ■ Sybase 12.5
Microsoft Windows 2000	<ul style="list-style-type: none"> ■ Oracle 8.1.x, 9.0.1, 9.2.0 ■ Sybase 11.9.2, 12.0, 12.5

Miscellaneous Issues

When using the BEA WebLogic Adapter for RDBMS, you might encounter some of the following issues that can make the BEA WebLogic Adapter for RDBMS or a BEA WebLogic Adapter for RDBMS component inoperable. The following table describes these issues and provides a workaround, where possible.

If an entry includes a CR (Change Request) number, a possible solution may exist in a future BEA WebLogic Adapter for RDBMS release where BEA will provide vendor-specific code to fix the problem. Refer to this number to conveniently track the solution as the problems are resolved.

Please contact BEA Customer Support for assistance in tracking the unresolved problems identified with a CR number. For contact information, see the section “Contacting Customer Support.”

Table 2. Miscellaneous Issues

1	Support for Executing Stored Procedures
Problem	Support for executing stored procedures against DB2, Informix, and MS SQL Server not yet certified.
Platform	All
Workaround	Will be addressed in a future release.
2	Contents of the SQL Post-Query field are truncated following the first occurrence of a single quote (')
Problem	When you edit an event in the Application View Console, the contents of the SQL Post-Query field are truncated following the first occurrence of a single quote (').
Platform	All
Workaround	Re-enter the required contents of the SQL Post-Query field, update other parameters if required, and apply the changes. The contents of the SQL Post-Query field are properly saved.

Table 2. Miscellaneous Issues (Continued)

3	Namespace Prefix in manifest.xml
Problem	<p>Each schema repository has a manifest that describes the repository and its schemas. This repository manifest is stored as an XML file named <code>manifest.xml</code>.</p> <p>If you manually create an XML schema, the namespace prefix must be <code>xsd:</code> rather than <code>xs:</code> in the manifest file.</p>
Platform	All
Workaround	<p>Use the <code>xsd:</code> namespace prefix for XML schemas as shown in the following listing:</p> <pre data-bbox="606 602 1188 951"><?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"> <xsd:element name="OrderIn"> <xsd:complexType> <xsd:sequence> <xsd:element ref="Store_Code"/> <xsd:element ref="LineItem" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Known Limitations

This section describes limitations in the current BEA Application Explorer release and includes possible workarounds, where applicable.

The table below lists a CR (Change Request) number for each problem. Refer to this number to conveniently track the solution as the problems are resolved.

Please contact your BEA Technical Support for assistance in tracking any unresolved problems. For contact information, see “Contacting BEA Customer Support” on page 10.

Table 3. Known Limitations

1	The adapter components are not fully deployed upon initial deployment, despite all the deployed flags indicating deployment has occurred
Problem	After you deploy the adapter as described in “Installing the Adapter With WebLogic Integration 7.0” in the <i>BEA WebLogic Adapter for RDBMS Installation and Configuration Guide</i> , the adapter is not fully deployed, even though the WebLogic Server Administration Console indicates Deployed=True for each required component.
Platform	WebLogic Integration 7.0 with Sun Solaris 7 or 8 WebLogic Integration 7.0 with Hewlett-Packard HP-UX 11.0 or 11i
Workaround	To properly deploy the adapter components, click Redeploy. This is an issue that will be corrected in a future patch of WebLogic Server. Please contact BEA Customer Support for further information.

Table 3. Known Limitations (Continued)

2	Table schema generation requires a populated table
Problem	When using the BEA Application Explorer to generate the Event or Service Schema against a table, the associated table must contain at least one valid record for the schema to be generated.
Platform	All
Workaround	Ensure that there is at least one valid record on the table being polled.

Contacting BEA Customer Support

If you have any questions about this version of BEA WebLogic Adapter for RDBMS, or if you have problems installing and running the BEA WebLogic Adapter for RDBMS, 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