



BEA WebLogic Adapter for RDBMS

Release Notes

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BEA WebLogic Adapter for RDBMS Release Notes

Part Number	Date	Release
N/A	March 2003	7.0 with Service Pack 2
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BEA WebLogic Adapter for RDBMS Release Notes

BEA WebLogic Adapter for RDBMS Release 7.0 with Service Pack 2
Release Date: March 2003
Revised: May 2003

This document includes the following topics:

- About This Release of the BEA WebLogic Adapter for RDBMS
- Supported Sub-Platforms
- Software Requirements
- Determining the Adapter Version
- Problems Fixed in This Release
- Miscellaneous Issues
- Known Limitations
- Contacting BEA Customer Support

About This Release of the BEA WebLogic Adapter for RDBMS

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 Sub-Platforms

The BEA WebLogic Adapter for RDBMS consists of the following two components:

- BEA WebLogic Adapter for RDBMS
- BEA Application Explorer

The BEA WebLogic Adapter for RDBMS and the BEA Application Explorer are currently available on the following sub-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

- Microsoft Windows NT 4.0 with Service Pack 6 or later
- Red Hat Linux 7.2
- RedHat Enterprise Linux AS 2.1
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i
- IBM AIX 5.1

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

<http://edocs.bea.com/wladapters/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 2 (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>

Caution: You must apply patch CR095687 to your WebLogic Platform before installing this adapter. Contact BEA Customer Support for this required patch.

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

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

Caution: You must apply patch CR095687 to your WebLogic Platform before installing this adapter. Contact BEA Customer Support for this required patch.

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. The following databases are supported:
 - Sybase 11.9.2, 12.0, 12.5
 - DB2/UDB 7.x
 - Oracle 8.1.7 and higher
 - Informix 7.x, 8.x, 9.x
 - Microsoft SQL Server 7, 2000

Determining the Adapter Version

To allow you to easily determine the version of the BEA WebLogic Adapter for RDBMS, identifying information has been added to the `Manifest.mf` file.

For example, the `Manifest.mf` file for BEA WebLogic Adapter for RDBMS 7.0 SP2 contains the following:


```
Manifest-Version: 1.0
Created-By: Apache Ant 1.5
Label: BEASP2.0008
Implementation-Vendor: BEA Systems
Implementation-Version: 7.0.2.0008
Implementation-Title: BEA RDBMS Adapter SP2 March 11 2003
```

The Implementation-Version is provided in the following format: w.x.y.zzzz:

- w.x represents the major and minor release number (in this case, 7.0)
- y represents the service pack number (in this case, 2)
- zzzz represents the build number of the release (in this case, 0008)

If you obtain a patch subsequent to a release, identifying information specific to the patch is included in the `Manifest.mf` file.

Problems Fixed in This Release

The following table lists the problems fixed in BEA WebLogic Adapter for RDBMS 7.0 SP2.

Table 1. Problems Fixed in This Release

Problem	Solution
BAE not working with Sybase. (BEA Case 376120)	The RDBMS adapter now works with Sybase.
RDBMS Parameterized SQL Statement needs interface IN. (BEA Case 382220)	The problem has been fixed in this release.
Application Explorer not working with RDBMS Adapter with Oracle 9 and DB2 (BEA Case 381865)	The problem has been fixed in this release.
Error: Returned CHAR Field Too Big (BEA Case 366314)	The problem has been fixed in this release.
Logging cannot be turned off so as to not display debug information. (BEA Case 367868)	The problem has been fixed in this release.
StoredProcedureResult does not work for Informix.	StoredProcedureResult works for Informix 9.x.

Table 1. Problems Fixed in This Release (Continued)

Problem	Solution
Limited support for viewing procedure metadata The BEA Application Explorer does not support viewing stored procedure metadata for Informix 7.x and Oracle 9.0.1 databases.	The problem has been fixed in this release.
Only the owner of a packaged stored procedure can execute it. (BEA Case 361320)	The problem has been fixed in this release.

Miscellaneous Issues

The following table describes miscellaneous issues you should be aware of when using the BEA WebLogic Adapter for RDBMS.

Where applicable, entries include a CR (Change Request) number or Case number. Please refer to this number if you contact BEA Customer Support regarding the issue identified. For contact information, see “Contacting BEA Customer Support” on page 10.

Table 2. Miscellaneous Issues

1	Namespace Prefix in manifest.xml
Issue	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> . If you manually create an XML schema, the namespace prefix must be <code>xsd:</code> rather than <code>xs:</code> in the manifest file.
Platform	All

Table 2. Miscellaneous Issues (Continued)

Workaround	<p>Use the <code>xsd:</code> namespace prefix for XML schemas as shown in the following listing:</p> <pre> <?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>
2	Database Drivers in CLASSPATH
Issue	Database drivers must be incorporated in the CLASSPATH.
Platform	All
Workaround	<p>If your database drivers are not in the CLASSPATH, you must add them.</p> <ul style="list-style-type: none"> ■ For Oracle, this is <code>classes12.zip</code> ■ For Sybase, this is <code>jconn2.jar</code> ■ For Informix, this is <code>ifxjdbc.jar</code>

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Adapter for RDBMS. Whenever available, a recommended workaround is provided.

Where applicable, entries include a CR (Change Request) number or Case number. Please refer to this number when contacting BEA Customer Support for assistance in tracking the problem identified. For contact information, see “Contacting BEA Customer Support” on page 10.

Table 3. Known Limitations

1	Workshop Application View Control is not supported	
Problem	The Application View control in WebLogic Workshop is not supported with this release of the adapter.	
Platform	WebLogic Integration 7.0	
Workaround	None	
2	CR089473	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 BEA WebLogic Adapter for RDBMS Installation and Configuration Guide, 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)

3	StoredProcedureResult does not work for Informix 7.x
Problem	The rdbms adapter throws a ResourceException when using StoredProcedureResult option in a service.
Platform	Informix 7.x
Workaround	This problem has been corrected for Informix 9.x
4	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.
5	Limited transaction support using TxDataSource
Problem	For Oracle, the adapter does not support transaction using TxDataSource with WebLogic Integration 2.1. For Sybase, the adapter does not support transaction using TxDataSource with WebLogic Integration 2.1 or 7.0. For Informix, the adapter does not support transaction using TxDataSource with WebLogic Integration 2.1 or 7.0.
Platform	All
Workaround	None

Table 3. Known Limitations (Continued)

6	Events are not supported for Informix 9.x
Problem	Events are not supported for Informix 9.x.
Platform	All
Workaround	None

Contacting BEA Customer Support

If you have any questions about this release of the BEA WebLogic Adapter for RDBMS, or if you have problems installing and running the adapter, contact BEA Customer Support through BEA eSupport at <http://support.bea.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 adapter you are using
- The version of WebLogic Integration you are using
- A description of the problem and the content of pertinent error messages