



BEA WebLogic Adapter for PeopleSoft® 8

Release Notes

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BEA WebLogic Adapter for PeopleSoft 8 Release Notes

Part Number	Date
N/A	April 2003
N/A	May 2003

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BEA WebLogic Adapter for PeopleSoft 8 Release Notes

BEA WebLogic Adapter for PeopleSoft 8 Release 7.0.3
Release Date: April 2003
Revised: May 2003

This document includes the following topics:

- About the BEA WebLogic Adapter for PeopleSoft 8 Release
- Supported Sub-Platforms
- Software Requirements
- Determining the Adapter Version
- Problems Fixed in This Release
- Miscellaneous Issues
- Known Limitations
- Contacting BEA Customer Support

About the BEA WebLogic Adapter for PeopleSoft 8 Release

The BEA WebLogic Adapter for PeopleSoft 8 provides a means to exchange real-time business data between PeopleSoft systems and other applications, databases, or external business partner systems. The adapter allows for inbound and outbound processing with PeopleSoft.

The adapter uses WebLogic Integration and XML messages to allow non-PeopleSoft applications to communicate and exchange transactions with PeopleSoft. Applications that need access to PeopleSoft data when a PeopleSoft business event occurs, use the adapter in combination with WebLogic Integration (WLI) Application Views, Events, and BEA Business Process Management tools to receive messages from PeopleSoft. If the request is for retrieving data from PeopleSoft, then the adapter sends the application a response message with the data.

Supported Sub-Platforms

As of the release date, the BEA WebLogic Adapter for PeopleSoft 8 is 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

These sub-platforms are supported for the adapter with WebLogic Platform 7.0 only:

- 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 Application Explorer on additional platforms. Up-to-date information on supported 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 PeopleSoft 8, ensure that you have the following software installed:

- BEA WebLogic Server and WebLogic Integration.

The software can be downloaded for 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.

Note: Although the documentation discusses the use of this adapter with WebLogic Integration 2.1, this release is certified and supported with WebLogic Integration 7.0 only at this time. We are working to certify this release of the adapter with additional versions of WebLogic Integration. Up-to-date information on supported versions is available at the following URL:

<http://edocs.bea.com/wladders/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

Determining the Adapter Version

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

For example, the `Manifest.mf` file for BEA WebLogic Adapter for PeopleSoft 7.0.3 contains the following:

```
Manifest-Version: 1.0
Created-By: Apache Ant 1.5
Label: BEARG3.0003
Implementation-Vendor: BEA Systems
Implementation-Version: 7.0.3.0003
Implementation-Title: BEA PeopleSoft Adapter RG3 April 7 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 PeopleSoft 8 7.0 SP2.

Table 1. Problems Fixed in This Release

Problem		Solution
1	PeopleSoft event can fail and give time out message. This can occur on WebLogic Integration 7.0.	Contact BEA Customer Support for the patch that resolves this issue.

Miscellaneous Issues

When using the BEA WebLogic Adapter for PeopleSoft 8, you might encounter some of the following issues, which can make the BEA WebLogic Adapter for PeopleSoft 8 or a BEA WebLogic Adapter for PeopleSoft 8 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 PeopleSoft 8 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 BEA Customer Support” on page 10.

Table 2. Miscellaneous Issues

1	Namespace Prefix in manifest.xml
Problem	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

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	Limitation on level 2 scrolls
Problem	PeopleSoft has acknowledged a limitation with Component Interfaces that contain level 2 scrolls. If you try to insert a new row on a level 2 scroll, a Null Pointer Exception error occurs.
Platform	All
Workaround	<p>Upgrade your version of PeopleTools Version 8.16.08 and PeopleTools Version 8.17.02 in the 8.1x code line. This issue is tracked by PeopleSoft Incident T-MZYGAR-2C5YS.</p> <p>If you have the PeopleSoft 8.4x code line, this limitation is tracked by PeopleSoft Incident T-TCHURY-YZ9FR and is fixed in PeopleSoft 8.41.</p>
3	Limitation when inserting a second row for level 1, 2, or 3 scrolls.

Table 2. Miscellaneous Issues

Problem	<p>If you are trying to insert a level 1, 2, or 3 scroll and the following conditions exist</p> <ul style="list-style-type: none"> ■ there is exactly one row for the level 1, 2, or 3 scroll ■ there are required field names that end in a numeric value <p>then an error message with the following format appears:</p> <p>This is an invalid property {ADDRESS_1} (91,15)</p> <p>This example was created using the VNDR_ID component interface from the Financials application. The actual property name is ADDRESS1. BEA is working with PeopleSoft to resolve this issue.</p>
Platform	All
Workaround	<p>As a workaround, perform the following steps:</p> <ol style="list-style-type: none"> 1. In the PeopleSoft Application Designer, open the component interface with which you are working. 2. Select the property that ends in a numeric value. 3. Right-click and select Edit Name from the context menu. 4. Change the name of the property. <p>Note: You can select a name that does not end in a number (for example, ADDRESSA), or you can add an underscore (for example, ADDRESS_1).</p> <ol style="list-style-type: none"> 5. Save the component interface. 6. Re-generate the Java APIs for the component interface. <p>Use the revised property name in your XML and/or BEA WebLogic transaction.</p>
4	Limitation with level 3 scrolls.
Problem	<p>PeopleSoft has acknowledged a limitation with Component Interfaces that contain level 3 scrolls. If you try to insert a new row on a level 3 scroll, a Null Pointer Exception error occurs.</p>
Platform	All

Table 2. Miscellaneous Issues

Workaround	If you receive this error, you must upgrade your PeopleSoft release level. This limitation is fixed in PeopleTools Version 8.18 and is tracked by PeopleSoft Incident T-MZYGAR-D2529. In the 8.4x code line, PeopleSoft reported that this limitation was fixed in PeopleTools Version 8.41.01 (PeopleSoft Incident T-JRUNST-T93BJ). However, in later releases of 8.41 it still remains as a limitation (see PeopleSoft Incident T-MZYGAR-3F72X).
5	Limitation with multiple effective dated scrolls.
Problem	A failure occurs when inserting multiple effective dated rows.
Platform	All
Workaround	If you want to insert multiple effective dated rows for the same primary keys, you must use two separate transactions. This limitation is tracked by PeopleSoft Incident T-ACESAR-BS362.
6	PeopleSoft Releases Supported
Problem	Due to certain limitations in early releases of PeopleTools, the BEA WebLogic Adapter for PeopleSoft 8 requires that the PeopleTools release must be 8.16.03 or greater if you have a version of PeopleSoft in the 8.1x series. If you have a version of PeopleSoft in the 8.4x series, your PeopleTools release must be at 8.40.05 or greater. The BEA WebLogic Adapter for PeopleSoft 8 has not been certified to work with 8.42, nor has it been certified to work with earlier PeopleSoft release series (for example, 7.5x).
Platform	All
Workaround	Upgrade your version of PeopleTools to the level required, as noted in the problem description.
7	Peoplesoft Event fails and gives TimeOut message
Problem	On WebLogic Integration 7.0, PeopleSoft events fail and time out when the message name is not in accordance with the convention.
Platform	All

Table 2. Miscellaneous Issues

Workaround	Follow the convention of naming the message created in Peoplesoft as <i>tablename_SYNC</i> where <i>tablename</i> is name of table against which the event schema was generated.
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Known Limitations

This section describes limitations in the current BEA WebLogic Adapter for PeopleSoft 8 release and includes possible workarounds, where applicable.

If an entry includes a CR (Change Request) number, a possible solution may exist in a future BEA WebLogic Adapter for PeopleSoft 8 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 your BEA Technical Support for assistance in tracking any unresolved problems. For contact information, see the section “Contacting BEA Customer Support.”

Table 3. Known Limitations

1	BEA Application Explorer
Problem	Although PeopleSoft permits Component Interface names that begin with certain special characters (such as an underscore), the BEA Application Explorer will not recognize such names.
Platform	All platforms
Workaround	Begin Component Interface names with the letters A-Z or the integers 0-9.

Contacting BEA Customer Support

If you have any questions about this version of BEA PeopleSoft 8, or if you have problems installing and running the BEA WebLogic Adapter for PeopleSoft 8, 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