



BEA WebLogic Adapter for CORBA[®]

Release Notes

Release 8.1.1
Document Date: October 2003

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This document includes the following topics:

- [About This Release of the BEA WebLogic Adapter for CORBA](#)
- [Supported Platforms](#)
- [Software Requirements](#)
- [Determining the Adapter Version](#)
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About This Release of the BEA WebLogic Adapter for CORBA

The BEA WebLogic Adapter for CORBA 8.1.1 is designed to provide simple, standard access to business objects to support business processes. These business objects are available to the adapter as requests of CORBA. The adapter and WebLogic Integration provide all the functionality you need to integrate your mission-critical CORBA system with other enterprise applications.

Supported Platforms

The BEA WebLogic Adapter for CORBA release is supported on the following platforms:

- Sun Solaris 8 (with Sun recommended patches)
- Sun Solaris 9 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2 and higher
- Microsoft Windows 2000 Server with Service Pack 2 and higher
- Microsoft Windows 2000 Advanced Server with Service Pack 2 and higher
- Microsoft Windows NT 4.0
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i
- Red Hat Enterprise Linux AS 2.1

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

<http://edocs.bea.com/wladapters/docs81/support/index.html>

Software Requirements

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

- BEA WebLogic Platform 8.1

The software can be downloaded from the BEA Web site at

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

The information required to install WebLogic Platform 8.1 can be found at

<http://edocs.bea.com/platform/docs81/install/index.html>

Note: The WebLogic Server and WebLogic Integration components *must* be installed.

- Java Runtime Environment (JRE) 1.4.1 or higher
- CORBA VisiBroker for Java 4.5, Orbix 2000 1.2, JacORB 1.4.1, IIOP 1.1, 1.2, GIOP 1.2
- Internet Explorer 6.0 or higher

Determining the Adapter Version

To allow you to easily determine the version of the BEA WebLogic Adapter for CORBA, identifying information has been added to the `Manifest.mf` file. This file is included in the ear file.

For example, the `Manifest.mf` file for BEA WebLogic Adapter for CORBA 8.1.1 contains the following:

```
Manifest-Version: 1.0
Ant-Version: Apache Ant 1.5.3
Created-By: 1.4.1_02-b06 (Sun Microsystems Inc.)
Label: BEAVIENNA.0033
Implementation-Vendor: BEA Systems
Implementation-Version: 8.1.1.0033
Implementation-Title: BEA CORBA Adapter RG1 09/17/2003 13:19:20 EDT
```

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, 8.1)
- `Y` represents the service pack number (in this case, 0)
- `ZZZZ` represents the build number of the release (in this case, 0005)

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

Miscellaneous Issues

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

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. For contact information, see [“Contacting BEA Customer Support” on page 1-6](#).

Table 1. Miscellaneous Issues

1	Support for Visibroker 4.5.1
Problem	VisiBroker's Interface Respository (IR) and the related Dynamic Interface Invocation (DII) methods on which the BEA WebLogic Adapter for CORBA is dependent are not compatible with JDK 1.3 and above.
Platform	VisiBroker 4.5.1 on all platforms
Workaround	<p>A special version of the adapter's CORBA Agent has been compiled under JDK 1.2.2. These classes can be run under BEA WebLogic Server and WebLogic Integration by following these steps:</p> <p>Edit your classpath in your <i>SetDomainTypeData.cmd</i> file to include the special <i>vbj.zip</i> at the head of the path; that is,</p> <ul style="list-style-type: none">■ on Windows: SET SVRCP=%SVRCP%;D:\Adapters\BEA_CORBA_1_0.jar r SET SVRCP=D:\adapters\vbj.zip;%SVRCP%;D:\apps\vbroker\lib\vbjorb.jar■ on Unix: \$SVRCP=\$SVRCP:/opt/bea/adapters/ BEA_CORBA_1_0.jar \$SVRCP=\$SVRCP:/opt/bea/adapters/ vbj.zip:\$SVRCP:/opt/vbroker/lib/vbjorb.jar <p>Note: Here, <i>DomainType</i> is the type of the domain. For example, if your domain is configured to support the development of solutions that employ the full range of WebLogic Integration functionality, it contains the <i>SetWliDomainData.cmd</i> file.</p>

Table 1. Miscellaneous Issues (Continued)

2	Interface Repository IOR File
Problem	The BEA WebLogic Adapter for CORBA requires that an IOR file be available to locate the reference to the Interface Repository. VisiBroker's IOR file is not automatically output to file.
Platform	All
Workaround	Modify your IR startup procedure to automatically output the startup IOR reference to a file. For example, use the following command to automatically output the IOR reference to a file: <code>ir.ior:</code> <code>irep myIr >ir.ior</code>

Table 1. Miscellaneous Issues (Continued)

3	VisiBroker Naming Context
Problem	You must supply a naming context for your application to use a named Naming Service
Platform	VisiBroker 4.5.1 on All platforms
Workaround	<p>Use the <code>-DSVCnameroot</code> option to specify which VisiBroker Naming Service instance (especially important if several unrelated naming service instances are running) you want to bootstrap; that is, edit your <code>startWebLogic.cmd</code> file to include the <code>-DSVCnameroot=myNamespace</code> option on the line invoking <code>java</code>.</p> <p>For example, on Windows:</p> <pre>%JAVA_HOME%\bin\java %DB_JVMARGS% -Xmx256m -DSVCnameroot=myNameSpace -classpath %SVRCP% -Dbea.home=%BEA_HOME% -Dweblogic.home=%WL_HOME% -Dweblogic.system.home=%WLI_HOME% -Dwli.bpm.server.evaluator.supportsNull=false -Dweblogic.Domain=eaidomain -Dweblogic.management.password=security -Dweblogic.Name=myserver -Dweblogic.RootDirectory=%WLI_HOME% -Djava.security.policy=%WL_HOME%\lib\weblogic.policy -Dweblogic.management.discover=false weblogic.Server</pre>

Contacting BEA Customer Support

If you have any questions about this release of the BEA WebLogic Adapter for CORBA, 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
- 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

