



BEA WebLogic Adapter for FIX

Release Notes

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BEA Adapter for FIX Release Notes

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BEA WebLogic Adapter for FIX Release Notes

BEA WebLogic Adapter for FIX Release 7.0.3
Date: April 2003

This document includes the following topics:

- About the BEA WebLogic Adapter for FIX Release
- Supported Sub-Platforms
- Software Requirements
- Determining the Adapter Version
- Miscellaneous Issues
- Contacting BEA Customer Support

About the BEA WebLogic Adapter for FIX Release

The BEA WebLogic Adapter for FIX (Financial Information Exchange) takes the chore out of integrating securities-related information with enterprise applications, such as order management, and third-party trading partners. The BEA WebLogic Adapter for FIX enables developers to easily read, write, and enrich FIX transactions, while shielding developers from the complexities of the computing environment. The BEA WebLogic Adapter for FIX is well suited for business-process improvement initiatives. It helps replace manual business processes with automatic transaction handling and application-to-application integration, thus dramatically reducing error

rates and information lag time. Further, because the BEA WebLogic Adapter for FIX simplifies transaction handling for the developer, it significantly reduces the time, cost, and skill level required for integration projects.

Supported Sub-Platforms

As of the release date, the BEA WebLogic Adapter for FIX 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 the WebLogic Platform 7.0 only:

- Red Hat Linux 7.2
- RedHat Enterprise Linux AS 2.1

The following platforms will be certified for this version of this utility when the underlying version of WebLogic Integration is certified on that platform:

- 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/wladders/docs70/support/index.html>

Software Requirements

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

- 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 installed)

The information required to install WebLogic Platform 7.0 can be found at <http://edocs.bea.com/platform/docs70/install/index.html>

Warning: Before installing this adapter, you must install patch CR095687 to WLI to support the new features included in 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

Determining the Adapter Version

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

For example, the `Manifest.mf` file for BEA WebLogic Adapter for FIX 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 FIX 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.

Miscellaneous Issues

When using the WebLogic Integration, you might encounter some of the following issues, which can make the WebLogic Integration or a WebLogic Integration 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 WebLogic Integration 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 9.

Table 1. Miscellaneous Issues

1	Extracting JAR Files for Windows and UNIX
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Table 1. Miscellaneous Issues

Problem	You must extract the following JAR files from the BEA_FIX_1_0_70.ear file and adjust the classpath for Windows and UNIX: <ul style="list-style-type: none">■ fixengine-1.3.0.jar■ xercesExt.jar■ xercesImpl.jar
Platform	All

Table 1. Miscellaneous Issues

Workaround	Extracting JARs and Adjusting Classpath for Windows
	<p>To unzip the adapter JAR files and adjust the classpath for Windows, complete the following steps:</p> <ol style="list-style-type: none"> 1. Extract <code>BEA_FIX_1_0.ear</code> using WinZip (or another similar extracting product) to a directory of your choice (for example, <code>BEA_HOME\ear\lib\FIX</code>). 2. Go to the root directory for your domain: <pre>cd DOMAIN_HOME</pre> <p>Note: You must choose a WebLogic Integration domain that supports application integration functionality.</p> 3. Find the <code>SetDomainTypeData.cmd</code> file. <p>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 <code>SetwliDomainData.cmd</code> file.</p> 4. Update the following SVRCP environment variable settings to the <code>SetDomainTypeData.cmd</code> file for the domain to include all the JAR files included in the EAR file. <p>Note: The SVRCP environment variable is used in the <code>SetDomainTypeData</code> script to set the classpath for the Java executable.</p> <p>After the following line:</p> <pre>set SVRCP=%SVRCP%;%WLI_DOMAIN_HOME%\wla</pre> <p>add the following JAR files, which are listed in the order required for the classpath:</p>

Table 1. Miscellaneous Issues

```
REM ===== General Adapter Java Libraries =====
set
SVRCP=%SVRCP%;BEA_HOME\ear\lib\FIX\fixengine-1.
3.0.jar
set
SVRCP=%SVRCP%;BEA_HOME\ear\lib\FIX\xercesExt.j
ar
set
SVRCP=%SVRCP%;BEA_HOME\ear\lib\FIX\xercesImp
1.jar

Here, BEA_HOME\ear\lib\FIX is the directory
specified in step 1.
```

Table 1. Miscellaneous Issues

Extracting JARs and Adjusting Classpath for UNIX

To unzip the adapter JAR files and adjust the classpath for UNIX, complete the following steps:

1. Use jar (or another similar extracting product) to extract `BEA_FIX_1_0.ear` to a directory of your choice (for example, `BEA_HOME/ear/lib/FIX`).

2. Go to the root directory for your domain:

```
cd DOMAIN_HOME
```

Note: You must choose a WebLogic Integration domain that supports application integration functionality.

3. Find the `SetDomainTypeData.cmd` file.

Here, *DomainType* 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 `SetwliDomainData.cmd` file.

4. Update the following SVRCP environment variable settings to the `SetDomainTypeData.cmd` file for the domain to include all the JAR files included in the EAR file.

Note: The SVRCP environment variable is used in the `SetDomainTypeData` script to set the classpath for the Java executable.

After the following line:

```
SVRCP=%SVRCP%;%WLI_DOMAIN_HOME%\wla\i
```

add the following JAR files, which are listed in the order required for the classpath:

Table 1. Miscellaneous Issues

<pre># Set FIX Adapter classpath SVRCP=\$SVRCP:/BEA_HOME/ear/lib/FIX/fixengine-1. 3.0.jar SVRCP=\$SVRCP:/BEA_HOME/ear/lib/FIX/BEA_FIX_1_\x ercesExt.jar SVRCP=\$SVRCP:/BEA_HOME/ear/lib/FIX/xercesImpl.j ar</pre>
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Contacting BEA Customer Support

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

