



BEA WebLogic Adapter for FIX[®]

Release Notes

Release 8.1.2
Document Date: January 2004

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- [Supported Platforms](#)
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About This Release of the BEA WebLogic Adapter for FIX

The BEA WebLogic Adapter for FIX 8.1.2 is designed to provide simple, standard access to FIX documents to support existing business processes. These documents are available to the adapter as requests of FIX and when FIX invokes its remote requests.

The adapter and WebLogic Integration provide all the functionality you need to integrate your mission-critical FIX system with other enterprise applications.

Supported Platforms

The BEA WebLogic Adapter for FIX 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

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 FIX, ensure that you have the following software installed:

- BEA WebLogic Platform 8.1 with BEA WebLogic Integration 8.1 or BEA WebLogic Integration 8.1 SP2

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
- FIX version 4.0 through 6.2 Enterprise
- Internet Explorer 6.0 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. This file is included in the ear file.

For example, the `Manifest.mf` file for BEA WebLogic Adapter for FIX 8.1.0 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.0050
Implementation-Vendor: BEA Systems
Implementation-Version: 8.1.2.0050
Implementation-Title: WebLogic Adapter for FIX 8.1.2 December 19, 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, 8.1)
- `Y` represents the service pack number (in this case, 2)
- `ZZZZ` represents the build number of the release (in this case, 0050)

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 FIX.

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 1-5](#).

Table 1. Miscellaneous Issues

1	Some numeric fields accept non-numeric or invalid values
Problem	The adapter does not validate some numeric fields to ensure the values are of the correct type. For example, the Max Message Size, Heart Beat Interval, Some Reasonable Time, Reconnect Interval, Max Queue Size, Reset Sequence Time, Port number, and Polling Interval fields accept non-numeric values such as character strings. Events with these invalid values can be added and application view can be deployed and tested successfully.
Platform	All
Workaround	Ensure that you have entered in valid values for the fields. If you ensure that you enter valid values for these fields, this issue has no impact on the adapter functionality or performance.

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Adapter for FIX. 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 1-5](#).

Table 2. Known Limitations

1	Extremely long tag names cause errors when the adapter is building schemas
Problem	Very long tag names cause schema-generation errors.
Platform	All

Table 2. Known Limitations

Workaround	You can work around this issue by using an xsdconfig file. An xsdconfig file maps schema type names to generated Java type names. By compiling your schema with an xsdconfig file, you can control how names are chosen for the generated types. To learn more about xsdconfig files, see "How Do I: Guide XMLBeans Type Naming During Schema Compilation?" at the following URL: http://e-docs.bea.com/workshop/docs81/doc/en/workshop/guide/howdoi/howGuideXMLBeansTypeNaming.html
2	The adapter does not validate that the input document for a service is type of input document indicated in the service parameters
Problem	The adapter does not validate the input document against the type indicated in the service parameters. For example, you can indicate that the input file is 4.3 FIXML when it is in fact 4.1 FIX. Since the adapter does not check this, the request document will be sent and the adapter will generate no error.
Platform	All
Workaround	Double-check the input document and the input document parameter to make sure they match.

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
- 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