

TIBCO ActiveMatrix® Adapter for JD Edwards EnterpriseOne

Release Notes

*Software Release 6.0.0
August 2013*

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Preface

TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne allows one-way (publish or subscribe) or two-way (request-response) message exchange between TIBCO applications and the JD Edwards EnterpriseOne enterprise resource planning (ERP) system.



JD Edwards EnterpriseOne is referenced as JDE in this document.

Topics

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Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

| Convention | Use |
|--------------------------------------|--|
| <i>ENV_NAME</i> <i>TIBCO_HOME</i> | <p>TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments.</p> <p>An installation environment consists of the following properties:</p> <ul style="list-style-type: none">• Name Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu.• Path The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>. |
| <i>ADJDEXE_HOME</i> | <p><i>TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne</i> installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>ADJDEXE_HOME</i>. The default value of <i>ADJDEXE_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco\adapter\adjdexe\6.0.</p> |
| code font | <p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p> |
| bold code font | <p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none">• In procedures, to indicate what a user types. For example: Type admin.• In large code samples, to indicate the parts of the sample that are of particular interest.• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [enable disable] |

Table 1 General Typographical Conventions (Cont'd)




| Convention | Use |
|---|--|
| <i>italic font</i> | <p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>. • To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand PathName</code> |
| Key combinations | <p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: <code>Ctrl+C</code>.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: <code>Esc, Ctrl+Q</code>.</p> |
|  | The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances. |
|  | The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result. |
|  | The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken. |

Table 2 Syntax Typographical Conventions

| Convention | Use |
|------------|--|
| [] | <p>An optional item in a command or code syntax.</p> <p>For example:</p> <p><code>MyCommand [optional_parameter] required_parameter</code></p> |
| | <p>A logical OR that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <p><code>MyCommand param1 param2 param3</code></p> |

Table 2 Syntax Typographical Conventions (Cont'd)

| Convention | Use |
|------------|---|
| { } | <p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair param1 and param2, or the pair param3 and param4.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either param1 or param2 and the second can be either param3 or param4:</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be param1. You can optionally include param2 as the second parameter. And the last parameter is either param3 or param4.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre> |

Connecting with TIBCO Resources

How to Join TIBCOCommunity

TIBCOCommunity is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCOCommunity offers forums, blogs, and access to a variety of resources. To register, go to <http://www.tibcommunity.com>.

How to Access TIBCO Documentation

You can access TIBCO documentation here:

<http://docs.tibco.com>

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support as follows:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

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Check the TIBCO Product Support web site at <https://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

Topics

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- [Changes in Functionality, page 3](#)
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New Features

This section lists features added in release 6.0.0 of this product.

Release 6.0

The following are the new features in this release:

- **Support for Dynamic Connection** Working with the Dynamic Java Connector, TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne can dynamically introspect the business function metadata and call the business functions on the JD Edwards EnterpriseOne server.
- **Support for the XMLCallObject Method** The XMLCallObject method is used to call business functions when a request is received. Using the XMLCallObject method, one and more business functions can be invoked at one time.
- **Support Refreshing Connections During Runtime** The adapter can be configured to re-initialize the connections in the connection pool without restarting.
- **Support for Adapter Connection Test** This release includes the JDE Test tool, which tests the connection between the adapter and the JD Edwards EnterpriseOne enterprise server. The real-time events and business functions deployed on the enterprise server, the XMLCallObject method, and the business function invocation can also be tested by using the JDE Test tool.
- **Support for TIBCO Universal Installer** TIBCO Universal Installer is supported in this release.
- **Added Platform Support** This release supports the following new platforms:
 - AIX POWER (64-bit)
 - HP-UX IA64 Itanium (64-bit)

Changes in Functionality

There are no changes in functionality in this release.

Deprecated and Removed Features

This section describes deprecated features (if any), and lists features, if relevant, that may be useful alternatives to the deprecated features. Any use of a deprecated feature should be discontinued as it may be removed in a future release. You should avoid becoming dependent on deprecated features and become familiar with the suggested alternative features.

This section also lists features that are removed (if any).

Release 6.0

Deprecated Features

There are no deprecated features in this release.

Removed Features

The following features are removed in this release:

- **Dropped InterOp Jar Directory Option** The InterOp Jar Directory option in the Configuration tab of the adapter instance is removed. This feature is no longer needed because the same functionality is achieved through the dynamic connection. In this release, TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne can dynamically introspect the business function metadata and call the business functions on the JD Edwards EnterpriseOne server.
- **Dropped Platform Support** The adapter no longer supports the following platforms:
 - Microsoft Windows XP Professional
 - Microsoft Windows 2000 (Professional, Server, or Advanced Server)
 - Microsoft Windows 2003
 - Solaris 8 on SPARC
 - Red Hat Enterprise Linux 4.0

Migration and Compatibility

This section explains how to migrate from a previous release to this release.

Migrating from 5.x to 6.0

To make the projects created in a 5.x adapter compatible with the 6.0 adapter, you need to migrate the 5.x projects after installing the TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne 6.0.

Do the following to migrate the 5.x projects:

1. Open TIBCO Designer.
2. Click the **Open existing project** button in the Startup panel.
3. Click the **Browse** button to navigate to the location where the 5.x project resides.
4. Click the **OK** button. The 5.x project is opened in TIBCO Designer.
5. Edit the adapter instance based on your environment.

See *TIBCO ActiveMatrix Adapter for JD Edwards EnterpriseOne Configure and Deploy* for more details.



Ensure that the `jdeinterop.ini` file is in place prior to configuring the adapter instance. Configure INI file according to the JD Edwards EnterpriseOne environment to which the adapter connects. If Oracle database is used, the `tns` path must be specified.

Note that this release requires the prepending of "J" to the adapter Environment variable in the adapter's connection parameters and the `jdeinterop.ini` file. For example, the environment value of DV900 needs to be changed to JDV900. This prepending is a requirement for this release because of the usage of newer JD Edwards EnterpriseOne APIs.

Closed Issues

The table in this section lists issues that were closed in the named releases.

| Closed in Release | Key | Summary |
|-------------------|---------|---|
| 6.0.0 | AJDE-32 | If a process was not defined for a service, the adapter instance could not be deleted. |
| 6.0.0 | AJDE-38 | In TIBCO Administrator, the state of the adapter service instance displayed as "Stopped" even when the adapter instance was running. |
| 6.0.0 | AJDE-42 | The <code>buildear.tra</code> file needed to be modified to build the enterprise archive (EAR) file for the adapter. |
| 6.0.0 | AJDE-45 | The Use Attribute check boxes were enabled for the XMLQueryListTable and Table Conversion options (Business Function tab > XMLQueryList option from the list > Table or TC). |
| 6.0.0 | AJDE-53 | If you selected JMS as the transport type while running the Request-Response Service for an XML Query List, an error of invalid destination sometimes occurred when the enterprise server of JD Edwards EnterpriseOne processed the request slowly. |
| 6.0.0 | AJDE-57 | When an inbound timeout error occurred in the adapter connection, the inbound request could not be processed by the adapter. |
| 6.0.0 | AJDE-58 | In addition to the logged in status, the adapter needed to check both the inbound and outbound timeout values to determine the validity of the connection session. |
| 6.0.0 | AJDE-77 | The Inbound Thread Count field in the Multithreading tab of the adapter instance configuration did not support the global variable. |
| 6.0.0 | AJDE-99 | When releasing a connection to the connection pool, the connection was sometimes released twice in the connection pool, which resulted in a lot of same connections existing in the connection pool. |

| Closed in Release | Key | Summary |
|-------------------|----------|---|
| 6.0.0 | AJDE-90 | When the adapter's Request-Response Service failed to invoke the business functions on the JD Edwards EnterpriseOne server, a NullPointerException exception was thrown by TIBCO ActiveMatrix BusinessWorks. |
| 6.0.0 | AJDE-187 | When the numeric data was sent to Business Function, if its length was greater than 8 digits and it had one or more zeros as the trailing digits (for example 32405320 or 32405000), the adapter represented this numeric data in scientific format. JD Edwards EnterpriseOne did not accept this format. |

Known Issues

The table in this section lists known issues in this release.

| Key | Summary/Workaround |
|----------|---|
| AJDE-116 | <p>Summary If the installed TIBCO ActiveMatrix BusinessWorks is 5.10 or 5.11, an exception is thrown when running a process configured with the adapter service in TIBCO Designer.</p> <p>Workaround Do the following to resolve this issue:</p> <ol style="list-style-type: none">1. Navigate to the <code>TIBCO_HOME\designer\version_number\bin</code> directory and open the <code>designer.tra</code> file.2. Find the <code>tibco.env.CUSTOM_CP_EXT</code> parameter in the <code>designer.tra</code> file, and then add the value <code>TIBCO_HOME\tpcl\version_number\lib\xercesImpl.jar</code> as the first entry of this parameter.3. Save the <code>designer.tra</code> file, and then restart TIBCO Designer. |
| AJDE-161 | <p>Summary When running the Procurement and SalesOrder examples, both the examples can run successfully even though an error message is thrown. For the Procurement example, the error is thrown when the value of the <code>UseXMLCallObject</code> parameter in the <code>adjdex.tra</code> file is <code>false</code>; for the SalesOrder example, the error is thrown when the value of the <code>UseXMLCallObject</code> parameter is <code>true</code>.</p> <p>Workaround Close the error dialog, the example continues running.</p> |