

TIBCO ActiveMatrix® Adapter for PeopleSoft

Release Notes

*Software Release 6.1
October 2012*

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Contents

Preface	v
Typographical Conventions	vi
Connecting with TIBCO Resources	ix
How to Join TIBCOCommunity	ix
How to Access TIBCO Documentation	ix
How to Contact TIBCO Support	ix
Release Notes	1
New Features	2
Release 6.1	2
Release 6.0	3
Changes in Functionality	4
Release 6.1	4
Release 6.0	4
Deprecated and Removed Features	5
Release 6.1	5
Release 6.0	5
Migration and Compatibility	6
Migrating the Projects Configured with Integration Broker services	6
Adapter's Compatibility with Other TIBCO Applications	6
Closed Issues	7
Known Issues	9

Preface

TIBCO ActiveMatrix Adapter for PeopleSoft is a bi-directional gateway between the PeopleSoft application and applications configured for the TIBCO environment. It is assumed that you are familiar with the basic concepts of the TIBCO environment and PeopleSoft technology.

Topics

- [Typographical Conventions, page vi](#)
- [Connecting with TIBCO Resources, page ix](#)

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>TIB_ADPSFT8_HOME</i>	<p>TIBCO ActiveMatrix Adapter for PeopleSoft installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>TIB_ADPSFT8_HOME</i>. The default value of <i>TIB_ADPSFT8_HOME</i> depends on the operating system. For example on Windows systems, the default value is C:\tibco\adapter\adpsft8\6.1.</p>
<i>TIB_EMS_HOME</i>	<p>TIBCO Enterprise Message Service installs into a directory within <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>TIB_EMS_HOME</i>. The value of <i>TIB_EMS_HOME</i> depends on the operating system. For example on Windows systems, the default value is C:\tibco\ems\6.3.</p>
<i>PS_HOME</i>	<p><i>PS_HOME</i> is the directory where the PeopleSoft Application server is installed. For example, if the PeopleSoft Application server is installed at C:\PT8.49 on a Windows system, the value of <i>PS_HOME</i> is C:\PT8.49.</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>

Table 1 General Typographical Conventions (Cont'd)




Convention	Use
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]
<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: MyCommand <i>PathName</i>
Key combinations	<p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.</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> <pre>MyCommand [optional_parameter] required_parameter</pre>
	<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> <pre>MyCommand param1 param2 param3</pre>
{ }	<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 username and password. If you do not have a username, you can request one.

Release Notes

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

- [New Features, page 2](#)
- [Changes in Functionality, page 4](#)
- [Deprecated and Removed Features, page 5](#)
- [Migration and Compatibility, page 6](#)
- [Closed Issues, page 7](#)
- [Known Issues, page 9](#)

New Features

This section lists features added since the last major (6.0) release of this product.

Release 6.1

The following are new features in release 6.1:

- **Added Platform Support**

Support has been added for the following platforms:

- Microsoft Windows 7 (x86, 32-bit and 64-bit platforms)
- Microsoft Windows 2008 R2 (x86, 64-bit platform)
- Solaris 10 (x86, 32-bit and 64-bit platforms)
- Red Hat Enterprise Linux 6.x (x86, 32-bit and 64-bit platforms)
- SUSE Linux Enterprise 10.x, 11.x (x86, 32-bit and 64-bit platforms)
- IBM AIX 7.1 (POWER, 64-bit platform)

- **Added Global Variable**

This release supports thread number as a global variable in adapter instance

- **Added Support for Compiling PeopleSoft Component Interface Java APIs by Using TIBCO Configuration Tool**

You can run TIBCO Configuration Tool to compile the PeopleSoft Component Interface Java APIs.

- **Added Support for the SSL Protocol**

This release supports the use of SSL when using PeopleSoft Integration Broker with TIBCO Target Connector.

- **Added Support for Ability to Filter Schema Fields**

Support the ability to select desired fields to be sent and received for part of the adapter service.

- **Added Support for JMS Message Compression**

Support for JMS message compression has been added. This feature is a service-level option that allows messages to take less memory space in storage and to be handled faster by the TIBCO Enterprise Message Service server.

- **Added Support for Dynamic Thread Configuration**

This release supports dynamically updating the number of connections to the PeopleSoft application server by using Hawk.

Release 6.0

The following are new features in release 6.0:

- **Added Platform Support**

Support has been added for the following platforms:

- Microsoft Windows Server 2008
- Red Hat Linux Enterprise Edition 4.x, 5.x
- IBM AIX 6.1

Changes in Functionality

This section lists changes in functionality since the last major (6.0.0) release of this product.

Release 6.1

No features are changed in release 6.1.

Release 6.0

No features are changed in release 6.0.

Deprecated and Removed Features

This section describes deprecated and removed features and lists equivalent features that accomplish the same result, if relevant. 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 equivalent feature.

Release 6.1

The following features are deprecated in release 6.1.

- **Dropped Platform Support**

The following platforms are no longer supported:

- Microsoft Windows Server 2003 (Enterprise Edition)
- Red Hat Enterprise Linux 4.x
- IBM AIX 5.3

- **Dropped Support for TIBCO ActiveMatrix Adapter Service Engine for PeopleSoft**

TIBCO ActiveMatrix Adapter Service Engine for PeopleSoft is no longer supported.

Release 6.0

The following features are deprecated in release 6.0.

- **Dropped Support for TIBCO IntegrationManager**

TIBCO IntegrationManager is no longer supported.

- **Dropped Platform Support**

The following platforms are no longer supported:

- Microsoft Windows XP, Vista
- Solaris 8
- IBM AIX 5.2

- **Dropped Support for PeopleTools**

PeopleTools 8.17, 8.18, 8.19, 8.20, 8.40, 8.41, 8.42, 8.43, 8.44, 8.45 are no longer supported.

Migration and Compatibility

This section provides information on the adapter's compatibility with and its data migration support for other TIBCO applications.



Make a backup of the project you want to migrate before starting the migration process.

Migrating the Projects Configured with Integration Broker Services

Projects configured with Integration Broker Inbound and Outbound services by using the release 6.0 adapter cannot be directly migrated to release 6.1, because the version format of Integration Broker messages in release 6.1 is changed. To migrate the projects:

1. Open TIBCO Designer and import the project that is to be migrated.
2. In the Project panel, click the adapter service to open the service configuration panel.
3. Click the **Configuration** tab.
4. Delete the version part of the **Message Name** field and click the **Fetch Message** button.
5. Click the **Get Schema** button.
6. Apply and save the changes.

Then, you can deploy the saved project with release 6.1.

Adapter's Compatibility with Other TIBCO Applications

For information on the adapter's compatibility with TIBCO Runtime Agent and other TIBCO applications, see the *readme.txt* file for TIBCO ActiveMatrix Adapter for PeopleSoft.

For information on migrating to a later version of TIBCO Runtime Agent, see *TIBCO Runtime Agent Upgrading to Release 5.7*.

Closed Issues

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

Closed in Release	Change Request ID	Summary
6.1.0	APSF-948	The Message Publication Service of TIBCO ActiveMatrix Adapter for PeopleSoft 6.0.0_hotfix06 could not publish the changes made to any child nodes of a record.
6.1.0	APSF-910	The adapter's Message Subscription Service could not process the message with duplicated child nodes. The changes made to the objects of the same message version had to be updated to PeopleSoft through multiple transactions.
6.1.0	APSF-875	Logging in INFO mode printed the message body and affected performance.
6.1.0	APSF-855	The adapter was not able to create a new record with the CREATEKEYS (COUNTRY=AA) if there was a record with the KEY (COUNTRY=AAC) in COUNTRY already existing in PeopleSoft when using the adapter's Request-Response Service.
6.1.0	APSF-848	If the component interfaces of adapter's projects had not been granted proper permissions, the adpsft8DTA_JMS executable exited abnormally when the adapter was trying to fetch a component interface or a message.
6.1.0	APSF-846	The "message not delivered" error was thrown when using adapter's Request-Response Service with the JMS transport.
6.1.0	APSF-841	The Component Interface service of the adapter did not support the NULL CREATEKEYS.
6.1.0	APSF-839	When using effective dating for Publication Service, there could be a case where the date was null and this would cause a publication error.
6.1.0	APSF-838	When clicking the Stop button on TIBCO Administrator, the adapter process did not stop, but the "Shutting down" status message was continuously displayed on the screen.
6.1.0	APSF-837	"Post-Installation Tasks" for UNIX platforms as explained in the <i>TIBCO ActiveMatrix Adapter for PeopleSoft Installation</i> guide listed a wrong file for setting environment variables.
6.1.0	APSF-526 (1-9U40VH)	Integration Broker services were not always stopped by a termination command from the TIBCO Administrator GUI or by a command from <code>tibrvsend</code> .

Closed in Release	Change Request ID	Summary
6.1.0	APSF-497	The adapter was only able to capture changes that were triggered by PeopleSoft User Interfaces. Fix allows all changes to be captured.
6.0.0	1-A36LYS	When using the JMS transport to work with the message publication service, the adapter converted the special character “&” to “&”.
6.0.0	1-8W2L11	The adapter did not accept any customized global variable for the Port field in the Design-Time-Connection tab.
6.0.0	1-9Q6GPT	When trying to set the UserId property for the USER_PROFILE Component Interface, the adapter threw an error stating the method of setting the UserId property did not exist.
6.0.0	1-9C6MJN	When building a TIBCO project to Oracle database, the SQL script did not successfully execute in PeopleSoft Application Designer.
6.0.0	1-9CQO1H	When encountering an error at runtime, the adapter did not use the current connection, but issued a 'reconnect' call.
6.0.0	1-9CSEQQ	The adapter did not support CI Publication service on SQL Server 2005 and Oracle 10g if more than 5000 characters were published.
6.0.0	1-9CZNWP	If both the getkey and createkey parameters were set but the specified fields already existed in the database, the adapter threw an error and the database was not updated.
6.0.0	1-9D0DAH	When working under the multi-thread environment, the CI Subscription service and CI RPC service generated a runtime error.

Known Issues

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

Change Request ID	Summary/Workaround
APSF-963	<p>Summary Projects configured with Integration Broker services by using the release 6.0 adapter cannot be directly migrated to release 6.1.</p> <p>Workaround Follow the detailed migrate instructions as described in Migrating the Projects Configured with Integration Broker services on page 6.</p>
APSF-858	<p>Summary (Red Hat Enterprise Linux x86, 64-bit platform and HPUX PA-RISC platforms only) TIBCO Designer fails to establish a connection with PeopleSoft applications by using the Rendezvous transport, even though the design-time configuration is correct.</p> <p>Workaround Add %RV_HOME%/lib/tibrvj.jar of tibco.env.STD_CP_EXT in the TIBCO Designer TRA file.</p> <p>You can either add %RV_HOME%/lib/tibrvj.jar or change %RV_HOME%/lib/tibrvj.sd.jar to %RV_HOME%/lib/tibrvj.jar.</p>

