

TIBCO ActiveMatrix® Implementation Type for TIBCO Adapters

Release Notes

*Software Release 1.0
October 2012*

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Preface

TIBCO ActiveMatrix[®] Implementation Type for TIBCO Adapters uses the TIBCO ActiveMatrix platform to provide a framework that allows management of TIBCO Adapter[®] applications.

Topics

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- [Connecting with TIBCO Resources, page x](#)




Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>TIBCO_HOME</i> <i>ENV_HOME</i>	<p>Many TIBCO products must be installed within the same home directory. This directory is referenced in documentation as <i>TIBCO_HOME</i>. The default value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>Other TIBCO products are installed into an <i>installation environment</i>. Incompatible products and multiple instances of the same product are installed into different installation environments. An environment home directory is referenced in documentation as <i>ENV_HOME</i>. The default value of <i>ENV_HOME</i> depends on the operating system. For example, on Windows systems the default value is C:\tibco.</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]
italic font	<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>

Table 1 General Typographical Conventions (Cont'd)

Convention	Use
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.

Connecting with TIBCO Resources

How to Join TIBCOCommunity

TIBCOCommunity is an online destination for TIBCO customers, partners, and resident experts, 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 All 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, please 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

- [New Features, page 2](#)
- [Known Issues, page 3](#)

New Features

This section lists features in this product.

Release 1.0

This release has the following new features.

- **Common Administration user experience.** TIBCO Implementation Type for TIBCO Adapters supports a common user experience for all supported TIBCO Adapters using the TIBCO ActiveMatrix Administrator interface.
- **Deployment and management of TIBCO Adapter applications.** Administrators can add EAR files to a TIBCO ActiveMatrix environment and can then start, stop, monitor, and manage adapter applications using the TIBCO Administrator interface. Administrators can make changes to global variables, adapter properties, or service-specific variables. They can also select a different version of an installed adapter or redeploy an adapter.
- **Monitoring of TIBCO Adapter applications.** Administrators can monitor an adapter by using extended status updates or by calling TIBCO Hawk methods via the Administrator GUI. Administrators can search log files based on specified criteria.
- **Real-time extended status monitoring in TIBCO Administrator GUI.** The Administrator GUI displays extended status information and a detailed description of the cause. For example, if an adapter loses a connection to the back end or is running with an error, or if there is a problem in starting or stopping the Adapter, the extended status description shows the cause of that problem.

Known Issues

This release has the following known issues.

Key	Summary/Workaround
ITPX-332	<p>Summary At the application level, the Component status link in the Status tab always shows only the TIBCO ActiveMatrix status. The link does not show the extended status and message.</p> <p>Workaround None.</p>
ITPX-59	<p>Summary The ActiveMatrix Administrator GUI does not show the status of the TIBCO Hawk application.</p> <p>Workaround If components are shown to have lost connections in the Administrator GUI, the TIBCO Hawk application is down. TIBCO Implementation Type for TIBCO Adapters appends an INFO message entry in the node log whenever this happens. The message includes the text Hawk Agent <i>name_of_agent</i> was unbound.</p>
ITPX-38	<p>Summary On supported Microsoft Windows platforms, adapter components are always started in a new console. Stopping the components does not exit the console window</p> <p>Workaround After the adapter has been stopped, close its console window manually.</p>
ITPX-415	<p>Summary If the name of an adapter component includes an underscore (_) character, changes to adapter properties and instance-level substitution variables do not take effect.</p> <p>Workaround In TIBCO Designer, change the values to not include the underscore character, and deploy again.</p>
ITPX-336	<p>Summary If the TIBCO Hawk Agent becomes unavailable, and you then stop an adapter process using the Administrator GUI, the display shows the adapter as STOPPED. The display should actually show the adapter as Lost contact (STOP_FAILED).</p> <p>Workaround Examine the extended status and message and the ActiveMatrix history, which are correct for this case.</p>

Key	Summary/Workaround
ITPX-337	<p>Summary If a message processing error happens while an adapter is running, TIBCO Administrator displays the adapter as <code>RUNNING_WITH_ERROR</code> even though the error is not an adapter runtime error.</p> <p>Workaround None.</p>
ITPX-385	<p>Summary The state of an adapter is <code>STOPPED_WITH_ERROR</code>, <code>START_FAILED</code>, or <code>EXITED</code> and the TIBCO Hawk Agent stops and restarts. When the display for the adapter becomes available again, the state is shown as <code>STOPPED</code> instead of the last state the component was in when the TIBCO Hawk Agent stopped.</p> <p>Workaround None.</p>
ITPX-112	<p>Summary Displaying class and custom TIBCO Hawk methods is not supported for TIBCO Implementation Type for TIBCO Adapters. Only standard TIBCO Hawk methods are supported.</p> <p>Workaround None.</p>
ITPX-420	<p>Summary The application is in <code>RUNNING</code> status and the TIBCO Hawk agent goes down. If you click Undeploy to undeploy the application, the status in the TIBCO Administrator GUI changes to <code>Preparing to Undeploy</code> and the action history says <code>Inprogress (Undeploy)</code>. The GUI does not indicate that the TIBCO Hawk agent is down.</p> <p>Workaround None.</p>
ITPX-345	<p>Summary Cannot stop the TIBCO Hawk processes that are started by TIBCO Implementation Type for TIBCO Adapters.</p> <p>Workaround If you have to kill the processes, you can do so from the Task Manager or from the command line.</p>
ITPX-381	<p>Summary If you select the Substitution variables link in the TIBCO Administrator Configuration tab, no information is displayed in the Node column.</p> <p>Workaround None.</p>

Key	Summary/Workaround
ITPX-132 ITPX-56 ITPX-127 ITPX-125 ITPX-174	<p>Summary In some cases, links or tabs become available but no corresponding information is displayed.</p> <ul style="list-style-type: none"> When you select an application's General tab in TIBCO Administrator, a Wires link becomes available even though wiring is not supported for TIBCO Implementation Type for TIBCO Adapters 1.0. When you select an application's EAR file in the General tab, two Wires tables are displayed. These tables are always empty when you use TIBCO Implementation Type for TIBCO Adapters. When you select an application's Status tab in TIBCO Administrator, a Binding Status tab becomes available even though binding status is not available for TIBCO Implementation Type for TIBCO Adapters. When you select an application's Properties tab in TIBCO Administrator, a Policy Set Properties link becomes available even though policy properties are not available for TIBCO Implementation Type for TIBCO Adapters. When you select an application's Substitution Variables tab, the Application Fragment Substitution Variables link becomes available even though this information is not available for TIBCO Implementation Type for TIBCO Adapters. <p>Workaround None.</p>
ITPX-313	<p>Summary In the Configuration tab's Substitution Variables display and in the Software Versions display, the Save button is available even if no changes occurred. When you click Save, the application goes out of sync and has to be synchronized.</p> <p>Workaround Do not click the Save button unless you have made a change.</p>
ITPX-265	<p>Summary If you modify service-level variables in the application level Substitution Variable tab, the change is not shown when you select Substitution Variables in the Configuration tab.</p> <p>Workaround None.</p>
ITPX-290	<p>Summary If services have global variables in their subject or destination names, TIBCO Adapter Binding Type cannot communicate with TIBCO Implementation Type for TIBCO Adapters.</p> <p>Workaround Make sure that the TIBCO Adapter project that you are using to create the EAR file does not have global variables in subjects or destination names. Provide static subjects instead.</p>

Key	Summary/Workaround
ITPX-257	<p>Summary When you click Export to export logs, a file with an extension <code>.part</code> instead of an extension <code>.csv</code> is created. When you double-click the file to open it, it does not open in Microsoft Excel.</p> <p>Workaround Open Microsoft Excel and explicitly open the file from there.</p>
ITPX-231	<p>Summary If the application name contains a period (<code>.</code>), for example, <code>MyApp.6.1.ear</code>, deployment fails.</p> <p>Workaround Change the name of the application so it does not include a period.</p>
ITPX-197	<p>Summary After you have deployed an application, you can update the application to a different version (different template) in the General tab. If you select the version, a dialog displays adapter properties, but no associated values.</p> <p>Workaround Ignore the dialog. You can proceed with the update if you want.</p>