

# **TIBCO ActiveMatrix® Adapter Service Engine for IBM i**

## **Release Notes**

*Software Release 6.0.0  
March 2010*

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# 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

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## New Features

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

### Release 6.0

The following are new features in Release 6.0.0.

- **Support for TIBCO ActiveMatrix Environments** The TIBCO ActiveMatrix Adapter Service Engine for IBM i component enables the adapter to run in the ActiveMatrix environment as a container and to provide services.

The release adds support for:

- Creating and configuring adapter service engine projects using TIBCO Business Studio.
- Importing Designer projects into the TIBCO Business Studio environment.
- Configuring ActiveMatrix endpoints for communicating with TIBCO ActiveMatrix BusinessWorks Service Engine.
- Using AMX bindings between the Adapter Service Engine and other ActiveMatrix components, such as BWSE, C++ Implementation Type, and so on.
- Configuring the logging of trace messages with the TIBCO Common Logging framework. Refer to TIBCO ActiveMatrix documentation for details.
- Using EAR2SA utility to deploy a .ear file that contains adapter project configurations and is created in TIBCO Designer.

See *TIBCO ActiveMatrix Adapter Service Engine for IBM i Configuration and Deployment* for more information.

## Changes in Functionality

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

### Release 6.0

There are no changes in functionality in this release.

## Deprecated Features

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This section describes deprecated 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 6.0

No features are deprecated in this release.



## Migration and Compatibility

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

### Release 6.0

- Adapter projects created using TIBCO Designer can be imported into the TIBCO Business Studio design time environment. See *TIBCO ActiveMatrix Adapter Service Engine for IBM i Configuration and Deployment* for more information.
- The EAR2SA utility cannot be used for .ear files that contain configurations for custom adapters.

## Closed Issues

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There are no closed issues to report in this release.

## Known Issues

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

Change Request ID	Summary/Workaround
1-AIT2GD	<p><b>Summary</b> Error messages are reported when stopping a service assembly with Publication Service in node console, as follows:</p> <pre>Error [OutMsg] TAS400-0302 Error [Connection] TAS400-0003</pre> <p><b>Workaround</b> Ignore this error message.</p>
1-9XHVOH	<p><b>Summary</b> The uninstallation process for an adapter service engine takes long time.</p> <p><b>Workaround</b> Steps to uninstall an adapter service engine on Windows platform:</p> <ol style="list-style-type: none"> <li>1. Delete the file engine.jar from C:\Program Files\Common Files\InstallShield\Universal\TIBCO\Gen1\engine\1.0 (Windows platform) or USER_HOME/InstallShield/Universal/TIBCO/Gen1/engine/1.0 (Unix platform).</li> <li>2. Remove _uninstall directory from the TIBCO_HOME directory.</li> <li>3. Run TIBCOUniversalInstaller in directory TIBCO_HOME\tools\universal_installer from command line with the argument: -V selfUpdate="true".</li> <li>4. Run universal_uninstall from TIBCO_HOME \_uninstall.</li> </ol>
1-A6YN8F	<p><b>Summary</b> The modification of Substitution Variables from Service Unit through Matrix Administrator user interface cannot be recognized by the adapter service engine runtime.</p> <p><b>Workaround</b> Modify Substitution Variables in TIBCO Business Studio and regenerate the service assembly.</p>
1-A3P5C8	<p><b>Summary</b> The Log Debug message option for LogSink cannot be imported into TIBCO Business Studio from Designer Project with Designer project importing functionality.</p> <p><b>Workaround</b> Select the Log Sink option after importing the project.</p>

Change Request ID	Summary/Workaround
1-A1OGZZ	<p><b>Summary</b> The service assembly status shown in the ActiveMatrix console and administration UI are inconsistent for the service assembly that is deployed or started using the command line in the ActiveMatrix console.</p> <p><b>Workaround</b> Use TIBCO ActiveMatrix Administrator UI to deploy and start a service assembly.</p>
1-A3ZKX5	<p><b>Summary</b> In TIBCO Business Studio, import a TIBCO Designer project that has several adapter services in one adapter instance. After deleting one of the adapter services, values of the adapter connection shared resource may be lost from the Runtime Connection section.</p> <p><b>Workaround</b> Unselect the adapter service that you do not need when importing the TIBCO Designer project.</p>
1-A1FANG	<p><b>Summary</b> The service assembly status is shown as running after stopping the adapter runtime by the Hawk method named <code>StopApplicationInstance()</code>.</p> <p><b>Workaround</b> None.</p>

## Limitations

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This section lists the known limitations for the adapter service engine:

- Configuration of AE services is not supported in TIBCO Business Studio. Designer projects containing AE endpoints can be deployed in TIBCO ActiveMatrix environment using EAR2SA utility.
- When you import into TIBCO Business Studio a Designer project that contains global variables shared between adapter and TIBCO ActiveMatrix BusinessWorks configurations, the global variables are converted into substitution variables for the adapter service units. Ensure that the values of these substitution variables match those of the global variables of the TIBCO ActiveMatrix BusinessWorks service units.
- The TIBCO ActiveMatrix platform is inherently multi-threaded and does not preserve the order in which the messages are delivered to a service. The Adapter Service Engine services cannot be used if the consumer of these services is expecting ordered message processing.

