

TIBCO Adapter™ for COM

Release Notes

*Software Release 5.3.1
September 2006*

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Release Notes

Check the TIBCO Product Support web site at <http://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 from the same site. You must have a valid maintenance or support contract to use this site.

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New Features

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

Introduced in Release	Feature
5.3.0	Added Examples for .Net Remoting The adapter now ships examples that demonstrate use of the adapter with .Net remoting. See Chapter 9 Demonstration Applications - .NET Remoting Examples in the <i>TIBCO Adapter for COM User's Guide</i> .
5.3.0	Runtime Connection Management When the adapter loses the connection with the COM server, it attempts to establish connection with out-proc COM servers at periodic intervals.
5.2.0	Support for ADO Connection Data Type The adapter supports Microsoft ADODB Connection pointers as method parameters. For details, see the Data Types chapter in the <i>TIBCO Adapter for COM User's Guide</i> .
5.1.0	Added Platform Support This release of the adapter supports Microsoft Windows Server 2003.
5.1.0	Support for Importing .NET Assembly through TIBCO Designer The adapter supports the import of .NET assemblies from the Import Schema tab in TIBCO Designer, providing tighter integration to .NET.
5.1.0	Support for TIBCO BusinessWorks 5.1 The adapter can be used in a TIBCO BusinessWorks 5.1 process.
5.1.0	Using .NET Components for TIBCO BusinessWorks Examples This release of the adapter includes TIBCO BusinessWorks examples using .NET components. The earlier version of the adapter had examples that only used COM components.
5.1.0	TIBCO Administrator 5.1.2 Compliance The adapter supports TIBCO Administrator 5.1.2.

Introduced in Release	Feature
5.0.1	Easy-to-use GUI <p>The adapter ships with a new custom palette that helps you to easily configure adapter instances and services. Also, the metadata import functionality is built into the custom palette.</p>
5.0.1	Support for Recordset Data Type <p>The adapter supports Microsoft ADODB Recordset pointers as method parameters. For more information, see the <i>TIBCO Adapter for COM User's Guide</i>.</p>
5.0.1	Microsoft .NET Framework Compliance <p>The adapter works seamlessly with Microsoft .NET components and clients. You can use the adapter to call a .NET component from a client, or vice versa. A test example suite is also provided with the adapter installation for reference.</p>
5.0.1	Support for Internationalization <p>The adapter provides support for many encodings. For more information on supported encodings, see the <i>TIBCO Adapter for COM User's Guide</i>.</p>
5.0.1	Support for JMS Transport <p>In previous releases, an adapter service could use only the TIBCO Rendezvous transport. In this release, the JMS (Java Messaging Service) transport is also available. An adapter service that uses the JMS transport can communicate only with the TIBCO Enterprise for JMS server.</p>
5.0.1	Support for Multi-file Format Projects <p>TIBCO Designer 5.0 allows you to save adapter projects in multi-file format at design-time. This format is useful if multiple adapter configurations are defined in the same project and worked on by several developers. The adapter configuration files can be managed by a version control system.</p>
5.0.1	Standard Error Management <p>All adapters now use the same mechanism to report errors. Error messages provide more detail, are contextual and can be applied uniformly across adapters. Low-level exception messages like system and TIBCO Rendezvous messages now have appropriate adapter-level information. The error messages descriptions and resolutions are documented in the <i>TIBCO Adapter for COM User's Guide</i>.</p>

Introduced in Release	Feature
5.0.1	<p>New Installer</p> <p>The new installer program has three modes available for installation: GUI, console, and silent. The GUI mode presents panels that allow you to make choices about product selection, product location, and so on. The console mode allows you to make installation choices from the command line. The silent mode either installs using the default settings or uses a response file that was saved during an earlier installation.</p>
5.0.1	<p>TIBCO Hawk Microagent</p> <p>In addition to the standard microagents that are available with any TIBCO ActiveEnterprise-compliant adapter, the adapter provides its own microagent. In this release, this microagent provides methods for getting basic processing-related statistics at run time, such as <code>getActivityStatistics()</code>, <code>getActivityStatisticsBySchema()</code>, <code>getActivityStatisticsByServiceName()</code>, <code>getQueueStatistics()</code>, <code>getThreadStatistics()</code>, <code>resetActivityStatistics()</code>, and <code>resetThreadStatistics()</code>.</p>

Changes in Functionality

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

Changed in Release	Functionality
5.3.1	<p>Improved Structure of Examples</p> <p>The structure of the <code>examples</code> folder has been improved to increase usability. Additionally, some examples have been improved.</p> <p>The examples are divided into three groups: Demos, Features, and Operation, respectively.</p> <p>The Demos folder provides the projects based on TIBCO BusinessWorks and TIBCO IntegrationManager.</p> <p>The Features folder provides the examples which showcase a few features of the adapter such as the support for ADO and MSMQ.</p> <p>The Operation folder includes the examples which show the fundamental usage of the adapter.</p>
5.3.0	<p>Dropped Platform Support</p> <p>The Microsoft Windows NT platform is no longer supported.</p>
5.2.0	<p>There are no changes in functionality in this release.</p>

Changed in Release	Functionality
5.1.0	<p>Changed TIBCO Hawk Methods</p> <p>The following TIBCO Hawk methods have changed parameters and are now available in the adapter’s <i>class</i> microagent.</p> <ul style="list-style-type: none">• <code>getActivityStatistics()</code>• <code>getActivityStatisticsByOperation()</code>• <code>getActivityStatisticsBySchema()</code>• <code>getActivityStatisticsByService()</code>• <code>getThreadStatistics()</code>• <code>getQueueStatistics()</code>• <code>getConnectionStatistics()</code> <p>The following parameters for the above methods are new or have changed (where applicable). In addition, the parameter order for some of the above methods has changed.</p> <ul style="list-style-type: none">• The new output parameter <code>MeasurementInterval</code> displays the time (in seconds) since the last time the adapter was reset, or if never reset, since the adapter started.• The <code>Total</code>, <code>Success</code>, and <code>Failure</code> output parameters type has changed from <code>string</code> to <code>integer</code>.• The new output parameter <code>LineIndex</code> is used as an index for the method. Its value is a concatenated string of the <code>Operation</code> and <code>ServiceName</code> parameters separated by a comma.• The new output parameter <code>NumLostConnections</code> displays the total number of times the connection has been lost.
5.1.0	<p>TIBCO Rendezvous TX No Longer Supported</p> <p>The TIBCO Rendezvous Transactional quality of service option is no longer supported. The option is still available in the adapter’s palette for backward compatibility with previous adapter releases.</p>
5.1.0	<p>TIBCO Hawk Class Agent Property</p> <p>The <code>adcom.addCustomHawkMethodsToStdMAgent <on/off></code> property has been added to the adapter’s property file. The property is <code>on</code> by default. Setting the property to <code>off</code> disallows adding custom methods to the adapter’s <i>class</i> microagent.</p>

Changed in Release	Functionality
5.1.0	<p>Installer Changes</p> <p>The following changes have been made to the installer:</p> <ul style="list-style-type: none"> For adapter installations on Microsoft Windows platforms, all dlls are placed in the <code>lib</code> subdirectory of the adapter installation directory. The adapter installation has a new folder called <code>hotfix</code>. The <code>hotfix</code> folder has two sub folders called <code>lib</code> and <code>bin</code>. The hotfix patches will be placed in these sub folders. All paths in the <code>tra</code> file will first be prepended with <code><ADCOM_HOME>/hotfix/lib</code> and <code><ADCOM_HOME>/hotfix/bin</code> followed by <code><ADCOM_HOME>/lib</code> and <code><ADCOM_HOME>/bin</code>.
5.0.1	<p>Metadata Import</p> <p>The metadata import utility, <code>TIBCOCOMMDA</code> is now integrated into the new custom palette and is no longer available as a standalone application.</p>
5.0.1	<p>Installer Changes</p> <p>The adapter installation program no longer includes the TIBCO Runtime Agent software, which is required by the adapter. The software must be installed prior to installing the adapter.</p> <p>In previous releases, TIBCO software could be uninstalled using the TIBCO Uninstaller program. In this release, each software component is uninstalled separately by navigating to the <code>_uninst</code> folder and running the <code>Tibuninstall</code> utility.</p>
5.0.1	<p>Repository Server</p> <p>The repository server is now a component of TIBCO Administrator. Access control to the repository server can be set using TIBCO Administrator.</p>

Deprecated Features

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.

Deprecated in Release	Feature
5.3.1	There are no deprecated features in this release.
5.3.0	There are no deprecated features in this release.
5.2.0	There are no deprecated features in this release.
5.1.0	<p>Deprecated feature The following 5.0.1 and earlier TIBCO Hawk methods available in the adapter’s <i>custom</i> microagent have been deprecated:</p> <ul style="list-style-type: none">• <code>getActivityStatistics()</code>• <code>getActivityStatisticsByOperation()</code>• <code>getActivityStatisticsBySchema()</code>• <code>getActivityStatisticsByService()</code>• <code>getThreadStatistics()</code>• <code>getQueueStatistics()</code>• <code>getConnectionStatistics()</code> <p>Equivalent functionality</p> <p>The above methods are now available in the adapter’s <i>class</i> microagent and have been enhanced (as described in Changes in Functionality on page 5).</p> <p>If you use TIBCO Designer 5.1 to modify a 5.0 or earlier adapter configuration for use with a 5.0 or earlier run-time adapter, you must use the methods in the <i>custom</i> microagent, not the methods in the <i>class</i> microagent.</p>

Compatibility and Migration

See the *TIBCO Runtime Agent Upgrading to Release 5.4* for general information about how the adapter interoperates with previous adapter versions and other TIBCO applications. The guide is part of the TIBCO Runtime Agent (TRA) documentation set



Make a backup of the project you are migrating before starting the migration process.

Additional Related Release Notes

Adapters are supported by infrastructure products from TIBCO. See the following release notes for additional information about open and closed issues. that may affect the adapter.

- TIBCO Designer release notes are available in:
<install-path>\tibco\designer\<version-number>\doc
- TIBCO Runtime Agent release notes are available in:
<install-path>\tibco\tra\<version-number>\doc
- TIBCO Administrator release notes are available in:
<install-path>\tibco\administrator\<version-number>\doc
- TIBCO BusinessWorks release notes are available in:
<install-path>\tibco\bw\<version-number>\doc
- TIBCO Enterprise Message Service release notes are available in:
<install-path>\tibco\ems\doc

Closed Issues

This section lists product defects that were closed in the named release.

Closed in Release	Defect #	Summary
5.3.1	1-6WR5MY	<p>The interceptor threw exceptions when the memory usage was high as a result of processing a large number of messages at a high rate.</p> <p>This has been fixed.</p>
5.3.1	1-74J7J5	<p>The JMS reconnection parameters defined in the properties file for the interceptor component did not take effect.</p> <p>This has been fixed.</p>
5.3.1	1-6Z055H	<p>There were errors while synchronizing the COM Adapter project with CVS from the command line.</p> <p>This has been fixed. This error is due to the use of an "" symbol of the name "UDT's". This character is removed when clicking the Check AESchemas button in the Configuration palette within TIBCO Designer.</p>
5.3.1	1-6LWYGI	<p>The interceptor component of the adapter, while running as a Microsoft Windows service, stopped responding if calls to create the interceptor objects were issued continuously for a long time. This behavior occurred on multiple-CPU machines.</p> <p>This has been fixed.</p>
5.3.1	1-1V34AH	<p>The adapter palette did not close the type library (.tlb) after the metadata had been imported.</p> <p>This has been fixed.</p>
5.3.0	1-2698MH	<p>TIBCO Adapter for COM did not support the NUMERIC data type because the scale and precision of these data types vary. However, Oracle database integers, decimal, smallint, and number map to the adNumeric data type. Therefore, Oracle database users could not use the basic kinds of data types.</p> <p>This has been fixed. TIBCO Adapter for COM now supports the NUMERIC data type of the ORACLE and SQL servers. A workaround has been arrived at by understanding the scale and precision of the current data.</p>

Closed in Release	Defect #	Summary
5.3.0	1-2EYV6T	<p>When JMS transport was used, requests to the TIBCO Adapter for COM were delayed, as compared to the time taken when the TIBCO Rendezvous transport was used.</p> <p>This has been fixed. For successful requests to TIBCO Adapter for COM over JMS transport, you must:</p> <ul style="list-style-type: none"> — Upgrade to TIBCO Runtime Agent 5.2.1 Hotfix 3. This is the minimal required TIBCO Runtime Agent version. — Include the variable <code>adcom.dispcount</code>, in the <code>adcomservice.tra</code> file, and configure its value. Valid values are between 100-1000. Decreasing the value improves the performance of the JMS transport. However, to achieve stability, setting an optimum value is recommended. For example, <code>adcom.dispcount 500</code>.
5.3.0	1-2QOBQS	<p>Recordset passing failed when database table field values were NULL.</p> <p>This has been fixed. The solution for the Recordset NULL problem includes both design-time and run-time changes to the adapter. Therefore, you must re-import the COM DLL into the existing project.</p>
5.3.0	1-2XYX9P	<p>TIBCO Adapter for COM was not displaying meaningful errors when COM+ or DCOM was unavailable.</p> <p>This has been fixed. The system exception displayed by the COM server is correctly reported by the adapter.</p>
5.3.0	1-3Z82Y1	<p>For an adapter configuration, if some configuration changes were made in TIBCO Designer but the changes were not saved by clicking the Apply button, selecting the Show all tabs check box resulted in the loss of all changes; the adapter palette reverted to default settings.</p> <p>This has been fixed.</p>
5.3.0	1-4G1IFG	<p>When the adapter had to process a large number of messages, the adapter used to display the <code>Unknown Exception or memory allocation failure</code> error in an infrequent and random manner, and the request was not processed by the adapter.</p> <p>This has been fixed.</p>

Closed in Release	Defect #	Summary
5.3.0	1-1XPKSS	<p>The adapter palette sometimes generated warning messages about illegal child exceptions. The exception message used to be:</p> <pre>com.tibco.ae.designerapi.IllegalChildResourceException The type: 'aa.adapter.services.folder' accepts the following types: {'ae.resource.reference','aa.generic.operation'} the child 'COMAdapter.publisher' had these types available: {'COMAdapter.interceptorGroup.resource'}</pre> <p>This has been fixed. The message is no longer displayed.</p>
5.3.0	1-233B5W	<p>TIBCO Adapter for COM did not generate meaningful error messages when importing COM DLLs that were not registered with the Windows Registry.</p> <p>This has been fixed. The adapter palette now indicates that the COM DLLs are not registered with the Windows Registry, if the import fails because of it.</p>
5.3.0	1-2EADBV	<p>When the adapter was installed as a Microsoft Windows service, the adapter services switched to the stop state every time the user logged off from the system.</p> <p>This has been fixed. The service retains its state even after the user has logged off from the system.</p>
5.3.0	1-2EADCK	<p>When the Design-time component was installed, the installer used to remove the run-time files, due to which the adapter used to stop working.</p> <p>This has been fixed.</p>
5.3.0	1-2YNHRD	<p>For requests of 1000 and more recordset transactions, TIBCO Adapter for COM displayed exceptions. Also, memory usage increased during ADO recordset transactions.</p> <p>This has been fixed. The exceptions are no longer displayed and memory usage does not increase during ADO recordset transactions.</p>
5.2.0	1-19GVHF	<p>The adapter could not be stopped by typing <code>ctrl-C</code> in the command window, on Microsoft Windows 2000, Microsoft Windows Server 2003, Microsoft Windows NT, and Microsoft Windows XP Professional.</p> <p>This has been fixed.</p>

Closed in Release	Defect #	Summary
5.2.0	1-1A2PH1	<p>If the adapter was running on Microsoft Windows Server 2003, and a message was sent on the terminate subject, the adapter displayed the following spurious error before terminating:</p> <p>Error dispatching rvQueue group: Invalid queue group.</p> <p>This has been fixed.</p>
5.2.0	1-1GIQDX	<p>When the adapter was started from within TIBCO Administrator, the status of the adapter remained <code>Starting up</code>, even though the adapter had already started.</p> <p>This has been fixed. The status of the adapter in TIBCO Administrator changes to <code>Running</code> on successful startup.</p>
5.2.0	1-1QM78X	<p>The metadata import from a COM type library (.tlb) or a dynamic link library (.dll) sometimes failed without any error messages. This happened if the COM type library (.tlb) or dynamic link library (.dll) file contained a coclass that had a method with more than one unsupported data type. This caused TIBCO Designer to exit silently.</p> <p>This has been fixed. The adapter reports a warning to the user. The valid coclasses that have methods with only supported data types are imported into the repository.</p>
5.2.0	1-1RCCI1	<p>The adapter crashed when the Windows application event log was full.</p> <p>This has been fixed. The adapter logs a warning to the configured log file and continues. The messages are only logged to the configured log file. If no log file is configured, the adapter writes an error message to the console and exits. This behavior applies to both the adapter service and interceptor components.</p>
5.2.0	1-1RDKLP	<p>If the standard and class microagent names in an adapter configuration were the same, the adapter run-time displayed an exception and did not start.</p> <p>This has been fixed. The adapter palette now ensures that the standard and class microagent names are different.</p>
5.2.0	1-1SACV5	<p>The example to demonstrate using the adapter with TIBCO BusinessWorks and JMS could not be run because the repository file was incorrect.</p> <p>This has been fixed.</p>

Closed in Release	Defect #	Summary
5.2.0	1-1T20WR	<p>The adapter should add the required binary file locations to the system variable <code>PATH</code> through the adapter properties file. The adapter properties file overwrote the system variable <code>PATH</code> instead of prepending to it.</p> <p>This has been fixed. The adapter properties file now prepends the required binary file locations to the <code>PATH</code> variable, leaving the other user locations intact.</p>
5.2.0	1-202FHO	<p>In the 4.2 version of the adapter, the user could optionally configure the adapter to validate the metadata at startup. When a 4.2 adapter configuration instance was migrated to 5.x, the 5.x instance was always configured to validate the metadata at startup, even if the 4.2 configuration did not specify metadata validation at startup.</p> <p>This has been fixed. When a 4.2 adapter configuration is migrated to 5.x, the metadata validation option is correctly set to the same value as in the 4.2 adapter configuration.</p>
5.2.0	1-210K89	<p>The <code>adcom_reg.bat</code> file used to register adapter components did not place the path to the adapter installation directory within quotation marks ("). If the adapter installation directory path had spaces in it (for example, <code>C:\Program Files\TIBCO\adapter\adcom\5.1</code>), <code>adcom_reg.bat</code> did not run properly.</p> <p>This has been fixed.</p>
5.1.0	1-1AGAXL	<p>The adapter displayed a runtime exception <code>Local repository file must have .dat extension</code> if the <code>tibco.repourl</code> property value had trailing spaces in the adapter properties file.</p> <p>This has been fixed. Trailing spaces in the value of the <code>tibco.repourl</code> property are trimmed.</p>
5.1.0	1-XL6SD	<p>The TIBCO Enterprise for JMS server occasionally showed memory growth when the adapter sent a large number of RPC server requests over the JMS transport.</p> <p>This has been fixed.</p>
5.1.0	1-Y0PNT	<p>Using the interceptor component of the adapter with a large number of RPC method invocation requests over the JMS transport led to the growth of the interceptor memory usage over time.</p> <p>This has been fixed.</p>

Closed in Release	Defect #	Summary
5.0.1	1-4PZG3	<p>The adapter did not use the configuration option <code>Invocation Timeout</code> in the <code>RPC client</code> session endpoint.</p> <p>This has been fixed. The adapter palette now lets you configure the timeout interval for the Request Response Invocation Service (RPC client) in the <code>Adapter Services</code> tab.</p>
5.0.1	1-8Z8QQ	<p>When <code>SAFEARRAYs</code> were passed from a Visual Basic client as <code>[in, out]</code> parameters, the parameters did not contain correct values when the call was returned to Visual Basic.</p> <p>This has been fixed. The interceptor component of the adapter is modified to handle <code>SAFEARRAY</code> parameters correctly.</p>
5.0.1	1-BLO6Z	<p>When run as a service, the interceptor component of the adapter accepted the updated value for environment variables like <code>TIBCOCOMEventLogLogging</code>, only after a system restart.</p> <p>This has been fixed. The updated value is accepted without a system restart.</p>
5.0.1	1-CZCGL	<p>The TIBCO Hawk method <code>getConfigProperties()</code> did not return any properties and instead timed out after ten seconds.</p> <p>This has been fixed.</p>
5.0.1	1-GUK47	<p>If the service component of the adapter was set up as a Microsoft Windows service, errors in the <code>adapter properties</code> file or other parameters resulted in the service displaying <code>Starting</code> indefinitely, and the adapter did not exit cleanly.</p> <p>This has been fixed.</p>
5.0.1	1-M17LO	<p>The service component of the adapter did not run correctly with a custom <code>adapter properties</code> file from the command line, if the <code>adcomService.tra</code> already existed in the current directory.</p> <p>This has been fixed.</p>
5.0.1	1-X4QQH	<p>The adapter did not invoke COM methods correctly if the method sequence in the type library did not match the method index in the virtual table.</p> <p>This has been fixed. The adapter components now adjust the offset in the virtual table, if the method sequence in the type library does not match the method index in the virtual table.</p>

Known Issues

The table in this section lists product defects known in this release.

Defect #	Summary/Workaround
1-7AEX7F	<p>Summary When exporting a project to a dat file using TIBCO Designer 5.2 (that is bundled with TIBCO Runtime Agent 5.2.1), some scalar elements were missing in the exported .dat file. As a result, the adapter does not start.</p> <p>Workaround For compatibility information when using TIBCO Runtime Agent 5.2.1, refer to item LBN1-7AEX86 from the "Late Breaking News" page on the TIBCO Product Support website for this adapter.</p>
1-7AE79J	<p>Summary When adding existing schemas to CVS from the command line, errors are encountered.</p> <p>Workaround The errors are due to the use of an "" symbol of the name "UDT's". Use TIBCO Designer to open the existing project including the schemas, and then select the Adapter Services folder. In the Configuration panel, click the Check AESchemas button in the Import Schema tab for changing the name "UDT's" to the one "UDTs" and finally save the project.</p>
1-6W32RL	<p>Summary After TIBCO Adapter for COM 5.3.0 is installed, the example COMAdapterForRemoting under the folder C:\tibco\adapter\adcom\5.3\examples\Demos\DotNetDemos contains another example with the same name COMAdapterForRemoting.</p> <p>Workaround To run the example, you can use the repository C:\tibco\adapter\adcom\5.3\examples\Demos\DotNetDemos\COMAdapterForRemoting\COMAdapterForRemoting or the one C:\tibco\adapter\adcom\5.3\examples\Demos\DotNetDemos\COMAdapterForRemoting after deleting the folder with the same name COMAdapterForRemoting under it.</p>

Defect #	Summary/Workaround
1-19YVXS	<p>Summary Latin-1 message encoding is not supported for the JMS and TIBCO Rendezvous transports when configured to use the XML message wire format.</p> <p>Workaround To use the XML message wire format, the default message encoding, Latin-1 (ISO8859-1) must be changed to UTF-8. Otherwise, use the TIBCO Rendezvous transport configured with ActiveEnterprise message wire format. It supports both UTF-8 and Latin-1 message encodings.</p> <p>The message encoding property is set on the project itself at design-time, and when creating a TIBCO administration domain. The default for both is ISO8859-1.</p> <ul style="list-style-type: none"> • To change the message encoding on the project, select the root folder and, under the Project Settings tab, change the value for the TIBCO Message Encoding field. This affects only projects used with Adapter Tester, BusinessWorks Tester and projects exported to local repositories. • To change the message encoding for the administration domain, edit the <code>repo.encoding</code> property in the administration server's <code>tibcoadmin<domain-name>.tra</code> configuration file, which is located in <code><install-path>/tibco/administrator/n.n/bin</code>. This affects all projects managed by the administration server.
1-1RCCIF	<p>Summary Importing a 4.x repository into 5.x removes the end point class reference.</p> <p>Workaround Use the Administration tab in the startup panel of TIBCO Designer to convert the project from a .dat file to a multi-file project; then open the multi-file project and save it as .dat file.</p>
1-1RDKKX	<p>Summary The adapter does not place end points under the configured session when a 4.x repository is migrated to 5.x.</p> <p>Workaround Use the Administration tab in the startup panel of TIBCO Designer to convert the project from a .dat file to a multi-file project; then open the multi-file project and save it as .dat file.</p>
1-1RDKLB	<p>Summary The adapter does not create a Default Hawk Session when a 4.x repository is migrated to 5.x.</p> <p>Workaround Use the Administration tab in the startup panel of TIBCO Designer to convert the project from a .dat file to a multi-file project; then open the multi-file project and save it as .dat file.</p>

Defect #	Summary/Workaround
1-5PTDSQ	<p>Summary When a repository file is used over the HTTP protocol, the Interceptor service of TIBCO Adapter for COM does not start up; instead, it stops responding, displays the <code>coclass not registered</code> in the repository message, and exits.</p> <p>Workaround To avoid experiencing errors during the startup of the Interceptor service, include the variable <code>adcom.AdStartTime</code> in the <code>adcomInterceptor.tra</code> file, and configure its value. Valid values are between 5-50. A sample <code>adcomInterceptor.tra</code> file is included in the adapter bin folder.</p> <p>For details on how to use the Moniker String, see the TIBCO Moniker and Interceptor Activation chapter in the <i>TIBCO Adapter for COM Users's Guide</i>.</p>
1-6BRAH1	<p>Summary For an adapter configuration, when the transport type is changed, Extra Load URL is added to Metadata URLs.</p> <p>Workaround None. This can be safely ignored.</p>
1-6BRAHG	<p>Summary An incorrect message code is displayed when the RPC server shuts down after failing to reconnect.</p> <p>Workaround None. This can be safely ignored.</p>
1-6GHHW6	<p>Summary The deployed adapter service cannot be stopped from TIBCO Administrator. The status of the adapter service displays as Shutting Down.</p> <p>Workaround Stop the adapter by sending a message over the termination subject.</p>
1-6MJNV5	<p>Summary The updated adapter repomapper file is not picked up from the TIBCO Runtime Agent hotfix directory.</p> <p>Workaround Add <code><TIBCO_HOME>/tra/5.2/hotfix/lib/repository_mappers</code> before <code><TIBCO_HOME>/tra/5.2/lib/repository_mappers</code> for the <code>tibco.env.STD_CP_EXT</code> property in the TIBCO Designer properties (.tra) file.</p>
1-XLPRP	<p>Summary The interceptor component of the adapter does not start when installed as a Microsoft Windows service.</p> <p>Workaround To use the interceptor as a Microsoft Windows service, update the system path to,</p> <pre><TIBCO_HOME>\adapter\adcom\5.3\hotfix\lib;<TIBCO_HOME>\adapter\adcom\5.3\lib;<TIBCO_HOME>\tra\5.2\bin;<TIBCO_HOME>\tpcl\5.2\bin;<TIBCO_HOME>\tibrv\bin;%PATH%</pre> <p>and restart the machine.</p>

