

# **TIBCO® Adapter SDK**

## **Status Codes**

*Software Release 5.8  
November 2011*

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# Preface

TIBCO Adapter SDK (Software Development Kit) is a class library that facilitates adapter development. All adapters implemented using TIBCO Adapter SDK have the same external interface and consistently plug in to the overall TIBCO ActiveEnterprise product suite.

## Topics

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- [Changes from the Previous Release of this Guide, page vi](#)
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- [Typographical Conventions, page viii](#)
- [Connecting with TIBCO Resources, page xi](#)

## Changes from the Previous Release of this Guide

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There are no changes from the previous release of this guide.

## Related Documentation

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This section lists documentation resources you may find useful.

### TIBCO Adapter SDK Documentation

The following documents form the TIBCO Adapter SDK documentation set:

- *TIBCO Adapter SDK Concepts* Read this manual before reading any other book in the documentation set to familiarize yourself with the product and its use.
- *TIBCO Adapter SDK Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO Adapter SDK Programmer's Guide* Read this manual for details on implementing a custom adapter. This manual also discusses configuration and programming, and provides example code fragments.
- *TIBCO Adapter SDK Status Codes* A reference for the message codes used by TIBCO Adapter SDK.
- *TIBCO API Reference* Provides online documentation for the exposed interfaces, classes, and methods of the TIBCO Adapter C++ and Java APIs.
- *TIBCO Adapter SDK Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of closed and known issues for this release.

### Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO ActiveMatrix BusinessWorks™
- TIBCO ActiveEnterprise™
- TIBCO Designer™
- TIBCO Administrator™
- TIBCO Rendezvous®
- TIBCO Enterprise Message Service™
- TIBCO Hawk®
- TIBCO Runtime Agent™

# 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> <i>SDK_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"><li>• <b>Name</b> 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 &gt; All Programs menu.</li><li>• <b>Path</b> The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>.</li></ul> <p>TIBCO Adapter SDK is installed into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>SDK_HOME</i>. The default value of <i>SDK_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco\adapter\SDK\version_number.</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"><li>• In procedures, to indicate what a user types. For example: Type <b>admin</b>.</li><li>• In large code samples, to indicate the parts of the sample that are of particular interest.</li><li>• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [<b>enable</b>   disable]</li></ul>

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"> <li>To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>.</li> <li>To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.</li> <li>To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code></li> </ul>
Key combinations	<p>Key names 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 para1   param2   param3</code></p>

Table 2 Syntax Typographical Conventions

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

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### 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

After you join TIBCOCommunity, you can access the documentation for all supported product versions here:

<http://docs.tibco.com/TibcoDoc>

### 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 username and password. If you do not have a username, you can request one.



## Chapter 1      **Status Codes**

This chapter lists TIBCO Adapter SDK status codes, which are sent by the SDK itself in case information (error, debug) is required by the calling application.

See the *TIBCO Adapter SDK Programmer's Guide* for instructions on how custom adapters can implement their own status codes.

### Topics

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- [Status Codes from the Java SDK, page 2](#)
- [Status Codes from the C++ SDK, page 21](#)

# Status Codes from the Java SDK

Table 3 Status Codes from the Java SDK

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0400	<b>Invalid data size: data size bigger than expected for %1.</b>			
	ERR_METADATA_BAD_DATA_SIZE	ERROR	Metadata	The sending and receiving applications may be using different repositories with different definitions of the same class. Or the sending application does not conform to the wire format.
AESDKJ-0401	<b>Cannot construct: %1.</b>			
	ERR_METADATA_BAD_CONSTRUCT	ERROR	Metadata	This is an internal error, the program may be out of java virtual memory or another internal jvm exception occurred.
AESDKJ-0402	<b>Out of range: %1.</b>			
	ERR_METADATA_OUT_OF_RANGE	ERROR	Metadata	Correct the input data to be within range.
AESDKJ-0403	<b>Invalid name: %1.</b>			
	ERR_METADATA_BAD_NAME	ERROR	Metadata	A sequence class description name appears to be of the self-documenting form, but is incomplete or malformed.
AESDKJ-0404	<b>Unused - Invalid data type: %1.</b>			
	ERR_METADATA_BAD_DATA_TYPE	ERROR	Metadata	Unused
AESDKJ-0405	<b>Unsupported serialization/deserialization type: %1.</b>			
	ERR_SERIALIZER_UNSUPPORTED_TYPE	ERROR	Serializer	The MTree contains a node not supported by the SDK during serialization. Do not attempt to construct structured data from it.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0406	<b>Packing/unpacking error: bad %1.</b>			
	ERR_METADATA_PACKING_ERROR	ERROR	Metadata	Some or all of the message header is missing or incorrectly formatted.
AESDKJ-0407	<b>Rv error:</b>			
	ERR_RV_ERROR	ERROR	TibRvComm	An error was reported by the TIBCO Rendezvous layer. Please refer to the relevant documentation for details.
AESDKJ-0408	<b>Unexpected class: %1. Expecting %2.</b>			
	ERR_SERIALIZER_UNEXPECTED_CLASS	ERROR	Serializer	Most likely, the sending and receiving adapters use a different definition for a particular metadata class. Preferably the same repository instance should be used, and definitely both metadata definitions for a particular class must be identical if the repositories are separate.
AESDKJ-0409	<b>Null or empty argument passed: %1. Not permitted.</b>			
	ERR_COMPONENT_NULL_PARAMETER	ERROR	Component	This parameter is required to use this method.
AESDKJ-0410	<b>Operation error: %1</b>			
	ERR_COMPONENT_OPERATION_ERROR	ERROR	Component	The specified component cannot be used in this manner.
AESDKJ-0411	<b>Unexpected class: %1. Expecting %2.</b>			
	ERR_COMPONENT_UNEXPECTED_CLASS	ERROR	Component	Confirm that the class set is correct.
AESDKJ-0412	<b>Operation not found: %1.</b>			
	ERR_RPC_OPERATION_NOT_FOUND	ERROR	Rpc	The operation class specified should be in the metadata loaded by the adapter configuration instance.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0413	<b>Null or empty argument passed: %1. Not permitted.</b>  ERR_METADATA_NULL_PARAMETER	ERROR	Metadata	This argument must be non-NULL for use of this method.
AESDKJ-0414	<b>Invalid data type format: %1.</b>  ERR_METADATA_BAD_DATA_TYPE_FORMAT	ERROR	Metadata	One of the self-describing class descriptions is malformed. See the documentation for the correct format for the self-describing class description strings. For example, "fixed.p.s" cannot be "fixed.p".
AESDKJ-0415	<b>Operation error: in file %1.</b>  ERR_XML_OPERATION_ERROR	ERROR	Xml	Some aspect of opening and parsing the file as an XML document failed. Confirm the presence of the file, permissions on the file, and that the contents are indeed a valid XML document.
AESDKJ-0416	<b>Unexpected class: %1. Expecting %2.</b>  ERR_MARSHALLER_UNEXPECTED_CLASS	ERROR	Marshaller	Deprecated - this error code has conflicting usage.
AESDKJ-0417	<b>Interrupt occurred while dispatching events.</b>  ERR_COMPONENT_INTERRUPT	ERROR	Component	There is no resolution for this. A java.lang.InterruptedException was thrown during event dispatch.
AESDKJ-0418	<b>The component %1 required for %2 not found.</b>  ERR_COMPONENT_NOT_FOUND	ERROR	Component	The dependent component (typically a session) required by this endpoint cannot be found in the component registry. Either the component name is incorrect, or the configuration needs to be updated to include this component.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0419	<b>Data error: %1 data in the wrong format.</b>			
	ERR_MARSHALLER_DATA_ERROR	ERROR	Marshaller	This can occur if there is a mismatch between the actual data and the class description provided (metadata). One of the two must change. Typically, this is the result of two applications using different sources for the metadata information, which have become out of sync. Either use the same source for metadata, or ensure that all sources are in sync.
AESDKJ-0420	<b>Metadata class not found: %1.</b>			
	ERR_METADATA_CLASS_NOT_FOUND	ERROR	Metadata	The specified metadata class must be loaded by the adapter by specifying either the loadUrl or the searchUrl in configuration.
AESDKJ-0421	<b>Database error:</b>			
	ERR_DB_ERROR	ERROR	Database	Confirm that the database in use is operating correctly.
AESDKJ-0422	<b>Hawk parameter error: index, %1 is not one of the output parameters.</b>			
	ERR_COMPONENT_HAWK_PARAMETER_ERROR	ERROR	Component	One of the hawk parameters for methods that return data must be specified as the output parameter. Correct the configuration and restart the adapter.
AESDKJ-0423	<b>Operation error: %1</b>			
	ERR_RPC_OPERATION_ERROR	ERROR	Rpc	Generic error applies to many different conditions that may cause RPC invocations to fail. The resolution is best determined by examining the specific error text in detail.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0424	<b>Hawk method error: output type(%1) mismatch. Excepting %2.</b>			
	ERR_COMPONENT_HAWK_METHOD_OUTPUT_TYPE_MISMATCH	ERROR	Component	The description of the hawk method and the code disagree on the type of the output parameter. Correct one or the other to match.
AESDKJ-0425	<b>Invalid value: %1.</b>			
	ERR_COMPONENT_INVALID_VALUE	ERROR	Component	See the documentation for valid values.
AESDKJ-0426	<b>Unexpected component: %1. Expecting %2.</b>			
	ERR_COMPONENT_UNEXPECTED_COMPONENT	ERROR	Component	Pre-registration or unregistration of listeners requires the use of a publisher with the RVCN protocol. The specified publisher must be changed to RVCN.
AESDKJ-0427	<b>Method is deprecated: %1.</b>			
	ERR_METADDDATA_DEPRECATED_METHOD	ERROR	Metadata	This method is no longer supported. Do not use it.
AESDKJ-0428	<b>Unsupported feature: %1.</b>			
	ERR_COMPONENT_UNSUPPORTED_FEATURE	ERROR	Component	Do not use unsupported feature.
AESDKJ-0429	<b>Operation error: connection %1 failed.</b>			
	ERR_PROPERTIES_CONNECTION_FAILED	ERROR	Properties	Check if the URL specified is correct and check if the server is running.
AESDKJ-0430	<b>Incorrect usage: %1</b>			
	ERR_COMPONENT_INCORRECT_USAGE	ERROR	Component	Check the authenticity of the operation used on the components.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0431	<b>Invalid/unknown protocol %1 passed for %2.</b>  ERR_COMPONENT_UNKNOWN_PROTOCOL	ERROR	Component	Pass only RV , RVCM , RVCMQ , RVTX protocol.
AESDKJ-0432	<b>Unexpected class: %1. Expecting %2.</b>  ERR_METADATA_UNEXPECTED_CLASS	ERROR	Metadata	Check if the class description given is correct and check the repository.
AESDKJ-0433	<b>Operation error: %1</b>  ERR_METADATA_OPERATION_ERROR	ERROR	Metadata	Unexpected error. If error persists contact TIBCO Support.
AESDKJ-0434	<b>Operation error: %1</b>  ERR_MARSHALLER_OPERATION_ERROR	ERROR	Marshaller	Unable to pack or unpack. Check the wireformat protocol. The data may have been received from a non SDK application.
AESDKJ-0435	<b>Duplicate operation: %1.</b>  ERR_RPC_DUPLICATE	ERROR	Rpc	Do not have duplicate parameter names for the same operation.
AESDKJ-0436	<b>Duplicate: %1.</b>  ERR_COMPONENT_DUPLICATE	ERROR	Component	Do not have two components with the same name.
AESDKJ-0437	<b>Duplicate: %1 in %2.</b>  ERR_METADATA_DUPLICATE	ERROR	Metadata	Do not have two metadata object with the same name.
AESDKJ-0438	<b>Invalid url: %1.</b>  ERR_PROPERTIES_INVALID_URL	ERROR	Properties	Invalid url was passed. Check the repository.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0439	<b>Operation error:</b>  ERR_PROPERTIES_ OPERATION_ERRO R	ERROR	Properties	Check all operations related to properties.
AESDKJ-0440	<b>Out of range: precision %1 exceeded max precision limit %2.</b>  ERR_METADATA_ OUT_OF_RANGE_P RECISION	ERROR	Metadata	Increase the max precision parameter.
AESDKJ-0441	<b>Out of range: size %1 exceeded max size limit %2.</b>  ERR_METADATA_ OUT_OF_RANGE_S IZE	ERROR	Metadata	Increase the max size parameter or do not try to exceed the limit.
AESDKJ-0442	<b>Out of range: index†%1 exceeded the size limit %2.</b>  ERR_METADATA_ OUT_OF_RANGE_I NDEX	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0443	<b>Out of range: the start index %1 is &lt; 0.</b>  ERR_METADATA_ OUT_OF_RANGE_S TART_LT_ZERO	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0444	<b>Out of range: the start index %1 is</b>  ERR_METADATA_ OUT_OF_RANGE_S TART_GT_LEN	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0445	<b>Out of range: the start index %1 is</b>  ERR_METADATA_ OUT_OF_RANGE_S TART_GT_END	ERROR	Metadata	Do not try to access an out of bounds value.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0446	<b>Out of range: the end index %1 is</b>  ERR_METADATA_OUT_OF_RANGE_END_GT_LEN	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0447	<b>Out of range: the index/pos %1 is &lt; 0.</b>  ERR_METADATA_OUT_OF_RANGE_POS_LT_ZERO	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0448	<b>Attribute not found: %1 in %2.</b>  ERR_CONFIG_TAG_NOT_FOUND	ERROR	TibRvComm	Make sure the URL exists in the repository.
AESDKJ-0449	<b>Invalid assoc key: %1.</b>  ERR_PROPERTIES_INVALID_ASSOC_KEY	ERROR	Properties	Check the repository and provide correct values.
AESDKJ-0450	<b>Unable to activate component: %1.</b>  ERR_COMPONENT_ACTIVATE_ERROR	ERROR	Component	Check if the component has been created first , then check if the parameters passed are correct.
AESDKJ-0451	<b>Operation error: unable to create Tibrv Session for %1(%2).</b>  ERR_COMPONENT_OPERATION_ERROR_SESSION_CREATION	ERROR	Component	Confirm that all parameters specified are correct.
AESDKJ-0452	<b>Operation error: component(%1, %2) and session protocol are incompatible.</b>  ERR_COMPONENT_OPERATION_ERROR_SESSION_INCOMPATIBLE	ERROR	Component	Make sure the components use compatible sessions.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0453	<b>Operation error: component(%1, %2) not in activative state.</b>			
	ERR_COMPONENT_OPERATION_ERROR_NOT_ACTIVATED	ERROR	Component	Activate the component and then use it.
AESDKJ-0454	<b>Operation error: failed to get response within the specified time %1.</b>			
	ERR_COMPONENT_OPERATION_ERROR_TIMEOUT	ERROR	Component	Increase the time limit or check if the subscriber or server is running.
AESDKJ-0455	<b>Operation error: object to be monitored does not support method.</b>			
	ERR_COMPONENT_OPERATION_UNSUPPORTED_OBJECT_METHOD	ERROR	Component	Do not try to use unsupported methods.
AESDKJ-0456	<b>Operation error: TX controls reach maximum capacity.</b>			
	ERR_COMPONENT_OPERATION_ERROR_TX_CTL_USED_UP	ERROR	Component	Increase the maximum capacity or wait till a transaction is complete.
AESDKJ-0457	<b>Operation error: when creating sink, %1(%2).</b>			
	ERR_COMPONENT_OPERATION_ERROR_SINK_CREATE	ERROR	Component	Confirm that the name and path specified for the file is correct.
AESDKJ-0458	<b>Incorrect usage: cannot modify a non-settable property(%1).</b>			
	ERR_PROPERTIES_INCORRECT_USAGE_NOT_SETTABLE	ERROR	Properties	The attribute that is being modified is not settable. Try to make it settable using the repository or do not try to modify it.
AESDKJ-0459	<b>Incorrect usage: repository client handle cannot be null.</b>			
	ERR_PROPERTIES_INCORRECT_USAGE_NULL_REPO	ERROR	Properties	Check if the repoURL passed is correct and that the server is running.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0460	<b>Missing operation details: Missing %2=%1 for operation %3.</b>			
	ERR_RPC_OPERATION_NOT_FOUND_OP	ERROR	Rpc	Check if the correct parameter was passed, if the operation description is present.
AESDKJ-0461	<b>Null or empty DataType. Cannot create instance.</b>			
	ERR_METADATA_NULL_DATA_TYPE	ERROR	Metadata	Do not specify a NULL or empty data type.
AESDKJ-0462	<b>Operation error: SAX parser not found. Either property org.xml.sax.parser is not defined or com.microstar.xml.SAXDriver is not in classpath.'</b>			
	ERR_XML_OPERATION_ERROR_NOT_FOUND	ERROR	Xml	Confirm that the sax parser is present.
AESDKJ-0463	<b>Unexpected class: %1. Expecting %2.</b>			
	ERR_XML_UNEXPECTED_CLASS	ERROR	Xml	Check the XML file and pass the expected class.
AESDKJ-0464	<b>Data error occurred while reading/writing %1 data.</b>			
	ERR_MARSHALLER_DATA_ERROR	ERROR	Marshaller	Make sure that there is no invalid type value.
AESDKJ-0465	<b>Data error occurred while writing %1 data. The destination buffer is bigger than the source buffer.</b>			
	ERR_MARSHALLER_DATA_ERROR_BUFFER_SIZE_TOO_SMALL	ERROR	Marshaller	Make sure that there is enough memory in the destination buffer.
AESDKJ-0466	<b>Data error occurred while writing %1 data. Destination and source and destination type mismatched.</b>			
	ERR_MARSHALLER_DATA_ERROR_TYPE_MISMATCH	ERROR	Marshaller	Check the type of source and destination. It must match.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0467	<b>JDBC driver class name cannot be null.</b>			
	ERR_DB_ERROR_NULL_DRIVER	ERROR	Database	A JDBC driver class name must be specified.
AESDKJ-0468	<b>Hawk parameter error: unexpected hawk parameter, %1. Expecting %2.</b>			
	ERR_COMPONENT_HAWK_PARAMETER_UNEXPECTED	ERROR	Component	Check the repository and specify the correct parameter.
AESDKJ-0469	<b>Hawk parameter error: output parameter not specified.</b>			
	ERR_COMPONENT_HAWK_PARAMETER_NOT_SPECIFIED	ERROR	Component	Specify an output parameter for this Hawk method in the repository.
AESDKJ-0470	<b>Operation error: operation, %1 cannot throw exception, %2.</b>			
	ERR_RPC_OPERATION_ERROR_NULL_EXCEPTION	ERROR	Rpc	The operation is not configured to throw exception. Check the repository.
AESDKJ-0471	<b>Null or empty value: %1.</b>			
	ERR_RPC_OPERATION_ERROR_NULL_VALUE	ERROR	Rpc	Make sure the parameter that is passed is not NULL.
AESDKJ-0472	<b>Hawk method error: number of output mismatch.</b>			
	ERR_COMPONENT_HAWK_METHOD_NUM_OUTPUT_MISMATCH	ERROR	Component	Check the repository and pass the correct value.
AESDKJ-0473	<b>Incorrect usage: parameter, %1 is not an input parameter.</b>			
	ERR_RPC_INCORRECT_USAGE_INPUT_PARAMETER	ERROR	Rpc	Specify only input parameters. Check the repository.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0474	<b>Incorrect usage: cannot assign value to %1.</b>  ERR_RPC_INCORRECT_USAGE_UNASSIGNABLE	ERROR	Rpc	The value cannot be assigned, Make sure the type is correct.
AESDKJ-0475	<b>Incorrect usage: for one-way operation use onewayInvoke().</b>  ERR_RPC_INCORRECT_USAGE_ONEWAY	ERROR	Rpc	The chosen operation is oneway. Make sure it is not.
AESDKJ-0476	<b>Incorrect usage: not a one-way operation.</b>  ERR_RPC_INCORRECT_USAGE_NOTONEWAY	ERROR	Rpc	The chosen operation is not oneway. Make sure it is.
AESDKJ-0477	<b>Incorrect usage: user application to override %1.</b>  ERR_RPC_INCORRECT_USAGE_USER_IMPL	ERROR	Rpc	You must have a implementation.
AESDKJ-0478	<b>Incorrect usage: parameter, %1 is not an output parameter.</b>  ERR_RPC_INCORRECT_USAGE_NOTOUTPUT_PARAMETER	ERROR	Rpc	Check the repository for the parameter or check the parameter that been passed. It has to match.
AESDKJ-0479	<b>Unsupported class: serializing as a stand-alone object not supported by SDK.</b>  ERR_METADATA_UNSUPPORTED_CLASS_ALONE	ERROR	Metadata	Do not use an unsupported class. Adapter SDK does not handle it.
AESDKJ-0480	<b>Incorrect definition: %1. Repository may not have the correct configuration data.</b>  ERR_METADATA_INCORRECT_DEFINITION	ERROR	Metadata	Check the repository and specify the correct value.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0481	<b>Incorrect usage: short name, %1 used. Expecting long name.</b>  ERR_METADATA_INCORRECT_USAGE_LONG_NAME_EXPECTED	ERROR	Metadata	Specify a long name.
AESDKJ-0482	<b>Incorrect usage: cannot mix %1 and %2.</b>  ERR_METADATA_INCORRECT_USAGE_MIX	ERROR	Metadata	Confirm that the types are not mismatched.
AESDKJ-0483	<b>Incorrect usage: specified %1 not supported.</b>  ERR_METADATA_INCORRECT_USAGE_UNSUPPORTED	ERROR	Metadata	The following is not supported. Do not use it.
AESDKJ-0484	<b>Invalid value: %1.</b>  ERR_METADATA_INVALID_VALUE	ERROR	Metadata	Do not specify invalid value. Check the type.
AESDKJ-0485	<b>Invalid Multiplicity: min (%1)</b>  ERR_METADATA_INCORRECT_USAGE_MULTI_MIN_GT_MAX	ERROR	Metadata	Check the multiplicity.
AESDKJ-0486	<b>Incorrect usage: union member %1 not in union %2.</b>  ERR_METADATA_UNION_MEMBER_NOT_FOUND	ERROR	Metadata	Make sure the member variable is found in the class registry.
AESDKJ-0487	<b>Attribute not found: %1.</b>  ERR_METADATA_ATTRIBUTE_NOT_FOUND	ERROR	Metadata	Make sure that the attribute is present in class registry.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0488	<b>Incorrect usage: attribute, %1 cannot be modify.</b>			
	ERR_METADATA_I NCORRECT_USAG E_ATTRIB_READ_O NLY	ERROR	Metadata	Do not make this attribute read only or do not try to modify it.
AESDKJ-0489	<b>Incorrect usage: cannot set attribute %1 value to null.</b>			
	ERR_METADATA_I NCORRECT_USAG E_NULL_ATTRIB	ERROR	Metadata	Do not assign NULL attribute to this object.
AESDKJ-0490	<b>Incorrect usage: cannot assign value %1 to %2.</b>			
	ERR_METADATA_I NCORRECT_USAG E_UNASSIGNABLE	ERROR	Metadata	Check the value that has to be assigned.
AESDKJ-0491	<b>Incorrect usage: non numeric index used.</b>			
	ERR_METADATA_I NCORRECT_USAG E_IDX_NOT_NUME RIC	ERROR	Metadata	Make sure that the index number is numeric.
AESDKJ-0492	<b>Incorrect usage: attribute list cannot be modified.</b>			
	ERR_METADATA_I NCORRECT_USAG E_ATTRIB_LIST_RE AD_ONLY	ERROR	Metadata	Do not try to modify the attribute list.
AESDKJ-0493	<b>Incorrect usage: operation list cannot be modified.</b>			
	ERR_METADATA_I NCORRECT_USAG E_OP_LIST_READ_ ONLY	ERROR	Metadata	Confirm that a read only list cannot be modified.
AESDKJ-0494	<b>Incorrect usage: union member list cannot be modified.</b>			
	ERR_METADATA_I NCORRECT_USAG E_MEMBER_LIST_R EAD_ONLY	ERROR	Metadata	Do not try to modify union member list.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0495	<b>Incorrect usage: illegal token %1 used.</b>  ERR_METADATA_INCORRECT_USAGE_ILLEGAL_TOKEN	ERROR	Metadata	Do not specify illegal tokens.
AESDKJ-0496	<b>Incorrect usage: %1. Only GlobalName/String/byte[]/Assoc are permitted values.</b>  ERR_PROPERTIES_INCORRECT_USAGE_VALUE	ERROR	Properties	Pass either GlobalName, String, byte[], or Assoc.
AESDKJ-0497	<b>Incorrect usage: parameter, %1 is not an legal parameter.</b>  ERR_RPC_INCORRECT_USAGE_ILLEGAL_PARAMETER	ERROR	Rpc	Make sure that an incorrect parameter is not passed or set in the repository.
AESDKJ-0498	<b>Unexpected type: %1. Expecting %2.</b>  ERR_COMPONENT_HAWK_TYPE_UNEXPECTED	ERROR	Component	Make sure an invalid type is not passed.
AESDKJ-0499	<b>Method: %1 is not a MHawkMethod.</b>  ERR_COMPONENT_NOT_HAWK_METHOD	ERROR	Component	Confirm that the method passed is a Hawk method.
AESDKJ-0500	<b>Component is already set: %1. Cannot set again.</b>  ERR_COMPONENT_ALREADY_SET	ERROR	Component	Make sure that there are no duplicate components.
AESDKJ-0501	<b>Incorrect usage: cannot confirm non-CM message. Sequence number is 0.</b>  ERR_COMPONENT_INCORRECT_USAGE_CONFIRM	ERROR	Component	Only CM messages can be confirmed. Do not use confirm on a non CM message.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0502	<b>Unsupported method: %1 is not supported for %2.</b>			
	ERR_COMPONENT_UNEXPECTED_METHOD	ERROR	Component	The function is not supported. Do not use.
AESDKJ-0503	<b>Unexpected class: %1. Expecting %2.</b>			
	ERR_CONFIG_UNEXPECTED_CLASS	ERROR	Configuration	Check the class name passed.
AESDKJ-0504	<b>ConfigURL must to be specified.</b>			
	ERR_CONFIG_INCORRECT_USAGE_UNSPECIFIED_URL	ERROR	Configuration	Make sure that the config URL is passed in MAppProperties.
AESDKJ-0505	<b>Invalid value: %1. Expecting value to be %2.</b>			
	ERR_CONFIG_INVALID_VALUE	ERROR	Configuration	Confirm that an invalid value is not passed in the repository.
AESDKJ-0506	<b>Operation error: path/url (%1) is locked.</b>			
	ERR_PROPERTIES_OPERATION_ERROR_URL_LOCKED	ERROR	Properties	Confirm that the URL used is not locked.
AESDKJ-0507	<b>Operation error: implementation not found for %1.</b>			
	ERR_PROPERTIES_NOT_IMPL	ERROR	Properties	Make sure the properties implementation is present.
AESDKJ-0508	<b>Invalid Multiplicity: The min multiplicity value(%1) is &lt; 0.</b>			
	ERR_METADATA_INCORRECT_USAGE_MULTIMINLTZERO	ERROR	Metadata	Check the multiplicity value.
AESDKJ-0509	<b>Invalid Multiplicity: The max multiplicity value(%1) is &lt; 0.</b>			
	ERR_METADATA_INCORRECT_USAGE_MULTIMAXLTZERO	ERROR	Metadata	Check the multiplicity value.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0510	<b>Can not add custom database handle to SDK control pool.</b>			
	ERR_COMPONENT_INCORRECT_USA_GE_CUSTOM_DB	ERROR	Component	Make sure that a custom database handle is not passed. Adapter SDK does not handle it.
AESDKJ-0511	<b>Unable to create component: %1</b>			
	ERR_COMPONENT_NOT_CREATED	ERROR	Component	Confirm that the component passed is already created.
AESDKJ-0512	<b>Authentication Failure</b>			
	ERR_SECURITY_AUTHENTICATION	ERROR	Component	Confirm that the user credentials are valid.
AESDKJ-0513	<b>Insufficient Access Rights</b>			
	ERR_SECURITY_ACCESS_DENIED	ERROR	Component	Ensure with your Admin that you have sufficient Access rights to perform the operation.
AESDKJ-0514	<b>Failed to Obfuscate/De-Obfuscate property file</b>			
	ERR_SECURITY_OBFUSCATION	ERROR	Component	Failed to obfuscate or de-obfuscate the property file.
AESDKJ-0515	<b>ERR_UTILITY_UNSPECIFIED_VALUE</b>			
	ERR_UTILITY_UNSPECIFIED_VALUE	ERROR	Component	This error occurs when any of the adapter properties on the command line (-system:tibco.clientVar.myVariable=), in the properties or the .tra file used by the adapter is empty. To fix this either delete or omit the variable or set the variable value to the default value ";".
AESDKJ-0516	<b>ERR_UTILITY_FAIL_TO_LOAD_FILE</b>			
	ERR_UTILITY_FAIL_TO_LOAD_FILE	ERROR	Component	When a property file could not be read by adapter, this error is thrown. Check whether the property file exists and has proper file permission.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0517	<b>ERR_RV_NO_REPLY_SUBJ</b>			
	ERR_RV_NO_REPLY_SUBJ	ERROR	Component	When you send a request without a reply subject, the adapter does not consider the sent message as a request and throws an error. Make sure that you send the message with a reply subject.
AESDKJ-0518	<b>JMS error:</b>			
	ERR_JMS_ERROR	ERROR	JmsComm	An error was reported by the JMS layer. Please refer to the relevant documentation for details
AESDKJ-0519	<b>The specified transport is not supported by the calling method.</b>			
	ERR_USAGE_UNSPORTED_TRANSPORT	ERROR	Component	This method is not currently supported for the specified transport. Use a transport that is supported for this method.
AESDKJ-0520	<b>Invalid system command line: %1</b>			
	M_ERR_USAGE_INVALID_COMMANDLINE	ERROR	Component	Confirm with the documentation that the system command line is set correctly.
AESDKJ-0521	<b>Invalid message format, valid values (MMessageFormat.RV,MMessageFormat.AERV,MMessageFormat.XMLJMS,MMessageFormat.XMLRV)</b>			
	M_ERR_USAGE_INVALID_MESSAGEFORMAT	ERROR	Component	Use applicable message format from the list valid values.
AESDKJ-0522	<b>Error occurred in Transformation Plugin : %1</b>			
	M_ERR_TRANSFORMATION_PLUGIN	ERROR	Component	Check the Message Filter.

Table 3 Status Codes from the Java SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKJ-0523	Operation failed. JMS session is not available			
	M_ERR_TREE_OPE RATION_FAILED	ERROR	Component	Check that there is a JMS session is available. If the application is not intended to use JMS, use the correct message transport.

## Status Codes from the C++ SDK

Table 4 Status Codes from the C++ SDK

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0040	<b>Deserialization of metadata failed.</b>			
	M_ERR_METADATA_DESERIALIZATION_ERROR	errorRole	Serializer	Correct the metadata in the repository instance and retry
AESDKC-0041	<b>Deserialization failed to find prefix in Idx list.</b>			
	M_ERR_CANNOT_FIND_PREFIX	errorRole	Serializer	Deserialization was attempted on an MTree that does not contain necessary metadata prefix list information. Either correct the sending application or do not attempt to deserialize this Mtree (it may not have been packed by an SDK-based application).
AESDKC-0042	<b>Connection to TIB CR failed.</b>			
	M_ERR_CONFIG_REPOSITORY_CONNECTION	errorRole	Database	If using a local repository, the file is not present, or corrupted. If connecting to a remote repository, ensure the repoURL is correct and the repository server is running.
AESDKC-0043	<b>Get document from TIB CR failed.</b>			
	M_ERR_CONFIG_REPOSITORY_GET_DOCUMENT	errorRole	Database	Confirm that the specified document exists in the repository instance being used.
AESDKC-0044	<b>Creating document on TIB CR failed.</b>			
	M_ERR_CONFIG_REPOSITORY_CREATE_DOCUMENT	errorRole	Database	Confirm that the user and password used to launch the adapter has write permissions on the repository.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0045	<b>Update existing document to TIB CR failed.</b>			
	M_ERR_CONFIG_REPO EPOSITORY_UPDATE_DOCUMENT	errorRole	Database	Confirm that the user and password used to launch the adapter has write permissions on the repository.
AESDKC-0046	<b>Commit to repository failed.</b>			
	M_ERR_CONFIG_REPO EPOSITORY_COMMIT	errorRole	Database	Confirm that the user and password used to launch the adapter has write permissions on the repository.
AESDKC-0047	<b>Rollback from repository failed.</b>			
	M_ERR_CONFIG_REPO EPOSITORY_ROLLBACK	errorRole	Database	Re-attempt to commit. If subsequent attempts fail, confirm that the repository instance is running normally.
AESDKC-0048	<b>Repository Exception :</b>			
	M_ERR_CONFIG_REPO EPOSITORY_GENERAL	errorRole	Database	
AESDKC-0049	<b>Repository connection is not available.</b>			
	M_ERR_CONFIG_REPO EPOSITORY_CONNECTION_UNAVAILABLE	errorRole	Database	A remote repository instance has likely gone down. Confirm the state of the repository and restart if necessary.
AESDKC-0050	<b>Specified document name (XML top element) not found in the configuration.</b>			
	M_ERR_CONFIG_MISSING_DOCUMENT_NAME_TAG	errorRole	Configuration	The name of the adapter configuration object pointed to does not match the AppName set in the code. Change one or the other to match and restart the adapter.
AESDKC-0051	<b>Configuration is missing the session information for hawk micro agent:</b>			
	M_ERR_CONFIG_MISSING_HAWK_SESSION_INFORMATION	errorRole	Configuration	Supply the missing configuration attribute and restart the adapter.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0052	<b>The configuration does not specify the mandatory attribute:</b>			
	M_ERR_CONFIG_MISSING_MANDATORY_ATTRIBUTE	errorRole	Configuration	Supply the missing configuration attribute and restart the adapter.
AESDKC-0053	<b>The configuration does not specify a default session.</b>			
	M_ERR_CONFIG_NO_DEFAULT_SESSION	errorRole	Configuration	Specify a default session and restart the adapter.
AESDKC-0054	<b>The configuration file does not specify a correct default session:</b>			
	M_ERR_CONFIG_UNKNOWN_DEFAULT_SESSION	errorRole	Configuration	The specified default session does not exist or is invalid. Correct the configuration and restart the adapter.
AESDKC-0055	<b>The value for this attribute must be stderr or stdout:</b>			
	M_ERR_CONFIG_INVALID_STDIO	errorRole	Configuration	Change the attribute value to one of the acceptable values and restart the adapter.
AESDKC-0056	<b>The value for this attribute cannot be less than 1:</b>			
	M_ERR_CONFIG_ATTRIBUTE_VALUE_LESS_THAN_1	errorRole	Configuration	Change the attribute value to be greater than 0 and restart the adapter.
AESDKC-0057	<b>Invalid attribute value for oneway operation:</b>			
	M_ERR_CONFIG_INVALID_FOR_ONeway_OPERATION	errorRole	Configuration	Most likely, an inout parameter type has been specified for a oneway operation. Returning a value for a oneway operation is not permitted. Correct the configuration and restart the adapter.
AESDKC-0058	<b>The configuration file does not specify the XML file name.</b>			
	M_ERR_CONFIG_MISSING_XML_FILE	errorRole	Configuration	Obsolete - An XML file based configuration is missing the file name.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0059	<b>The configuration file contains a duplicate hawk micro agent named:</b>  M_ERR_CONFIG_DUPLICATE_HAWK_MICRO_AGENT	errorRole	Configuration	Remove the duplicate hawk micro agent from configuration and restart the adapter.
AESDKC-0060	<b>The configuration file contains a duplicate method named:</b>  M_ERR_CONFIG_DUPLICATE_HAWK_METHOD	errorRole	Configuration	Remove the duplicate hawk method and restart the adapter.
AESDKC-0061	<b>Valid values for hawk parameter type attribute are "boolean", "integer", "real"</b>  M_ERR_CONFIG_INCORRECT_HAWK_PARAMETER_TYPE	errorRole	Configuration	Change the type attribute to be one of the 3 permitted values.
AESDKC-0062	<b>Please see the document for valid class values for attributes. The configuration file contains an invalid type :</b>  M_ERR_CONFIG_INCORRECT_ATTRIBUTE_CLASS	errorRole	Configuration	Change the type attribute to be one of the permitted values.
AESDKC-0063	<b>Configuration/Schema root object name is incorrect:</b>  M_ERR_CONFIG_INCORRECT_ROOT_ELEMENT_NAME	errorRole	Configuration	The Adapter configuration object and the appName in code must match. Change one to match and restart the adapter.
AESDKC-0064	<b>Repository Path</b>  M_ERR_CONFIG_REPOSITORY_PATH	errorRole	Database	Confirm that the configURL being used is correct. A common error is an absolute path that does not start with "/tibco/adapter/private".
AESDKC-0065	<b>Error while parsing:</b>  M_ERR_XML_PARSING_ERROR	errorRole	Xml	Check the XML being parsed for validity.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0066	<b>The requested element was not found.</b>  M_ERR_XML_ELEM ENT_NOT_FOUND	errorRole	Xml	Either the element name was incorrect or it does not exist in the XML document being parsed.
AESDKC-0067	<b>Call made to unsupported method:</b>  M_ERR_XML_UNSU PPORTED	errorRole	Xml	This method is not currently supported. Do not attempt to call it.
AESDKC-0068	<b>Unused - An undefined error occurred while attempting to process a file as an XML document.</b>  M_ERR_XML_UNRE ADABLE_FILE	errorRole	Xml	Unused - The file may be corrupted, or it may not be an XML file.
AESDKC-0069	<b>Unable to open the specified XML file for processing.</b>  M_ERR_XML_FILE_ OPEN	errorRole	Xml	Either the file does not exist or the user does not have permission to open the file.
AESDKC-0070	<b>Unused - The specified XML file contains no data</b>  M_ERR_XML_EMPTY Y_FILE	errorRole	Xml	Unused - confirm the file is a valid XML document.
AESDKC-0071	<b>Error initializing</b>  M_ERR_XML_INITI ALIZATION	errorRole	Xml	The XML engine initialization routines failed due to an unspecified exception. If the problem persists, contact TIBCO Support.
AESDKC-0073	<b>RV Error:</b>  M_ERR_RV	errorRole	TibRvComm	The underlying TIBCO Rendezvous layer is reporting an error condition. Please see the corresponding documentation for details.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0075	<b>RVTX Error:</b>			
	M_ERR_RVTX	errorRole	TibRvComm	The underlying TIBCO Rendezvous TX layer is reporting an error condition. Please see the corresponding documentation for details.
AESDKC-0076	<b>This operation is not permitted on RVTX :</b>			
	M_ERR_RVTX_NOT_PERMITTED	errorRole	TibRvComm	The underlying TIBCO Rendezvous TX does not permit this operation. An example would be to commit the same transaction twice. Please see the corresponding documentation for details.
AESDKC-0077	<b>Could not load the function from RVTX Dll :</b>			
	M_ERR_RVTX_FUNCTION_SYMBOL_NOT_LOADED	errorRole	TibRvComm	The dynamic fetch layer for the tibrvtx shared library is unable to load this method from the shared library. Confirm that the appropriate version of TIBCO Rendezvous TX is installed.
AESDKC-0078	<b>This operation is not permitted on RVTX :</b>			
	M_ERR_RVTX_DLL_NOT_LOADED	errorRole	TibRvComm	The dynamic fetch layer is unable to load the tibrvtx shared library. Confirm that TIBCO Rendezvous TX is installed and that the corresponding environment variables are set correctly.
AESDKC-0079	<b>NULL parameter passed:</b>			
	M_ERR_USAGE_NULL_PARAMETER	errorRole	Metadata	Use of this method requires that this parameter be non-NULL.
AESDKC-0080	<b>A sink with the specified name already exists:</b>			
	M_ERR_USAGE_DUPLICATE_SINK_OBJECT	errorRole	Component	Do not attempt to insert a sink twice or insert a sink with the same name as an existing one.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0081	<b>A component object with the specified name already exists:</b>			
	M_ERR_USAGE_DUPLICATE_COMPONENT_OBJECT	errorRole	Component	All component names must be unique within a given MComponentRegistry. Rename the MComponent subclass instance in question and retry (e.g., MPublisher, MSubscriber, ...).
AESDKC-0082	<b>A class description with the specified name already exists:</b>			
	M_ERR_USAGE_DUPLICATE_CLASS_DESCRIPTION_OBJECT	errorRole	Metadata	All class description names in a given MClassRegistry instance must be unique.
AESDKC-0083	<b>Unspecified parameter:</b>			
	M_ERR_USAGE_UNSPECIFIED_PARAMETER	errorRole	Metadata	This parameter must be set before calling this method. For strings, this means "" is not acceptable.
AESDKC-0084	<b>No description was specified for the following hawk method in the configuration file:</b>			
	M_ERR_USAGE_HAWK_METHOD_DESCRIPTION_UNSPECIFIED	errorRole	Configuration	Specify a description for this hawk method in configuration and restart the adapter.
AESDKC-0085	<b>Unsupported data type passed for MHawkParameter</b>			
	M_ERR_USAGE_HAWK_PARAMETER_BAD_DATA_TYPE	errorRole	Configuration	Change the configuration to specify only supported data types for parameters and restart the adapter.
AESDKC-0086	<b>Rpc Operation already has an implementation:</b>			
	M_ERR_USAGE_DUPLICATE_OPERATION	errorRole	Rpc	This operation class has already been defined in the metadata loaded by this adapter configuration. Eliminate one or the other, or rename this operation class to remove the conflict and restart the adapter.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0087	<b>Class description not available for:</b>  M_ERR_USAGE_CLASS_DESCRIPTION_NOT_AVAILABLE	errorRole	Metadata	The specified class does not exist in the class registry. Check the loadURL section in configuration and/or confirm that the specified class is supposed to be used with this adapter.
AESDKC-0088	<b>The Attribute is not defined in this class:</b>  M_ERR_USAGE_MISSING_CLASS_ATTRIBUTE	errorRole	Metadata	Do not attempt to use (set/get) an attribute that does not exist for a given class. Either the class description is incorrect and the attribute should be added to the class in question, or the is being attempted on the wrong class.
AESDKC-0089	<b>The specified attribute type does not match with type in class description</b>  M_ERR_USAGE_CLASS_ATTRIBUTE_TYPE_MISMATCH	errorRole	Metadata	Do not attempt to set an attribute with a type that does not match the metadata. For example, is the metadata type is "string", setting that attribute with an MInteger will result in this error.
AESDKC-0090	<b>Class does not have relation. Class:</b>  M_ERR_USAGE_MISSING_CLASS_RELATION	errorRole	Metadata	Do not attempt to check relations on classes that do not have them. This can happen when calling isRelationValid() and passing a bad string.
AESDKC-0091	<b>The specified transport protocol is not supported</b>  M_ERR_USAGE_UNSUPPORTED_TRANSPORT_PROTOCOL	errorRole	TibRvComm	Confirm with the documentation that the transport protocol passed is supported in this particular component.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0092	<b>The session is not enabled for certified messages (M_RVCM)</b>			
	M_ERR_USAGE_RV CM_NOT_ENABLE D	errorRole	TibRvComm	Do not attempt to mismatch an RVCM endpoint with an RV session. All RVCM endpoints must be matched with RVCM sessions.
AESDKC-0093	<b>The session is not enabled for distributed queues (M_RVCMQ) :</b>			
	M_ERR_USAGE_RV CMQ_NOT_ENABL ED	errorRole	TibRvComm	Do not attempt to mismatch an RVCMQ endpoint with anything other than an RVCMQ session.
AESDKC-0094	<b>The session is not enabled for Transactions (M_RVTX) :</b>			
	M_ERR_USAGE_RV TX_NOT_ENABLED	errorRole	TibRvComm	Do not attempt to mismatch an RVTX endpoint with anything other than an RVTX session. Also, do not attempt to invoke RVTX-specific methods with a non-RVTX endpoint.
AESDKC-0095	<b>The session name given does not refer to a session component:</b>			
	M_ERR_USAGE_NO T_A_SESSION	errorRole	Component	Confirm that the specified session name string corresponds to a session in the MComponentRegistry. Both the configuration and code must match.
AESDKC-0096	<b>No hawk micro agent by the given name exists:</b>			
	M_ERR_USAGE_NO T_A_HAWK_MICR O_AGENT	errorRole	Component	Confirm that the hawk micro agent specified exists.
AESDKC-0097	<b>Value not provided for key attribute:</b>			
	M_ERR_USAGE_CL ASS_RELATION_N O_KEY_VALUE	errorRole	Metadata	A nonexistent key was passed to the isValid() method. Either the code or the metadata configuration should be modified to match.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0098	<b>Key attribute does not match reference:</b>  M_ERR_USAGE_CL ASS_RELATION_KE Y_NOT_EQUAL	errorRole	Metadata	This is effectively saying that the key passed to isKeyValid() is not valid. It indicates that the keys do not match. Since this method returns void, it indicates the result by throwing exceptions.
AESDKC-0099	<b>Key list mismatch on both endpoints:</b>  M_ERR_USAGE_CL ASS_RELATION_KE Y_DEF_MISMATCH	errorRole	Metadata	This is effectively saying that the key sets do not match when calling MInstance::isKeyValid() and passing an MSequence. Since this method returns void, it indicates the result by throwing exceptions.
AESDKC-0100	<b>Constructor is not supported with this version:</b>  M_ERR_USAGE_UN SUPPORTED_CONS TRUCTOR	errorRole	Utility	Do not use this constructor form. Support for it has been removed.
AESDKC-0101	<b>This usage of the operation is not supported with this version:</b>  M_ERR_USAGE_UN SUPPORTED_OPER ATION	errorRole	Rpc	Do not use this method in this version of the SDK. It is not supported.
AESDKC-0102	<b>Deprecated call not allowed in context:</b>  M_ERR_USAGE_DE PRECATED	errorRole	Utility	This deprecated method is not allowed under these circumstances. Refer to the documentation for details on migrating away from deprecated methods.
AESDKC-0103	<b>The MData sub-class failed the validation as per class description</b>  M_ERR_USAGE_CL ASS_DESCRIPTION _VALIDATION_FAI LED	errorRole	Metadata	One of the restricted MData subclass types had an internal constraint violated. For example, attempting to set a restricted sized binary with data exceeding the stated capacity.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0104	<b>Config info for baseBusinessDocument is not found in the repository</b>			
	M_ERR_USAGE_BUSINESS_DOCUMENT_NOT_DEFINED	errorRole	Configuration	The repository instance being used is missing baseBusinessDocument information. In this case, either refrain from using MBusinessDocument objects, or add the appropriate metadata to the repository instance being used.
AESDKC-0105	<b>Config info for baseAdvisoryDocument is not found in the repository</b>			
	M_ERR_USAGE_ADVISORY_DOCUMENT_NOT_DEFINED	errorRole	Configuration	The repository instance being used is missing baseAdvisoryDocument information. In this case, either refrain from using MAdvisoryDocument objects, or add the appropriate metadata to the repository instance being used.
AESDKC-0106	<b>Config info for sequence for business document is not found in the repository</b>			
	M_ERR_USAGE_SEQUENCE_FOR_BUSINESS_DOCUMENT_NOT_DEFINED	errorRole	Configuration	The repository instance being used is missing baseBusinessDocument information. In this case, either refrain from using MBusinessDocument objects, or add the appropriate metadata to the repository instance being used.
AESDKC-0107	<b>Invalid method call for Oneway operation:</b>			
	M_ERR_USAGE_INVALID_FOR_ONWAY_OPERATION	errorRole	Rpc	Certain method and configuration combinations are prohibited. In this case, a oneway invocation has been specified in configuration, and an asyncInvoke() method call is attempted.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0108	<b>Invalid method call for Twoway operation:</b>  M_ERR_USAGE_INVALID_FOR_TWOWAY_OPERATION	errorRole	Rpc	Certain method and configuration combinations are prohibited. In this case, a two-way invocation has been specified in configuration, and a onewayInvoke() method call is attempted.
AESDKC-0109	<b>Operation already pending for request:</b>  M_ERR_USAGE_OPERATION_PENDING	errorRole	Rpc	An attempt to call asyncInvoke() was made before an existing call to asyncInvoke() completed.
AESDKC-0110	<b>Operation description not available:</b>  M_ERR_USAGE_OPERATION_DESCRIPTION_NOT_AVAILABLE	errorRole	Rpc	
AESDKC-0111	<b>An internal error occurred while adding an object to the components set</b>  M_ERR_INTERNAL_ADDING_COMPONENT	errorRole	Component	Make sure the component does not already exist , and there is a valid component registry.
AESDKC-0112	<b>Exception while creating the reply publisher</b>  M_ERR_INTERNAL_REPLY_PUBLISHER_CREATION_FAILED	errorRole	Component	Confirm that the subscriber is created , and the protocol is specified correct.
AESDKC-0113	<b>Could not locate hawk micro agent:</b>  M_ERR_INTERNAL_MISSING_HAWK_MICRO_AGENT	errorRole	Component	Specify all microagent names correctly. Make sure the count (total number of microagents) is specified correctly.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0114	<b>Unexpected data type:</b>			
	M_ERR_INTERNAL_UNEXPECTED_DATA_TYPE	errorRole	Metadata	Confirm that the parameter that has been supplied exists.
AESDKC-0115	<b>Unexpected Error:</b>			
	M_ERR_INTERNAL_UNEXPECTED	errorRole	Utility	Make sure that class registry has not been unexpectedly deleted.
AESDKC-0116	<b>The timer interval value cannot be less than 1</b>			
	M_ERR_TIMER_BAD_INTERVAL	errorRole	Component	Make sure that the timer interval is not less than 1.
AESDKC-0117	<b>Obsolete - An attempt to activate the timer was made while the timer is already active</b>			
	M_ERR_TIMER_DOUBLE_ACTIVATION	errorRole	Component	Do not activate the timer twice.
AESDKC-0118	<b>Failed to open sink file:</b>			
	M_ERR_TRACE_SINK_FILE_OPEN_ERROR	errorRole	Component	Confirm that the location of the file is correct , make sure that it is not protected.
AESDKC-0119	<b>Error in checking size of sink file</b>			
	M_ERR_TRACE_SINK_FILE_SIZE_CHECK_ERROR	errorRole	Component	Increase the file size limit specified in the repository or use multiple sink files.
AESDKC-0120	<b>Error when writing to the sink file</b>			
	M_ERR_TRACE_SINK_FILE_WRITE_ERROR	errorRole	Component	If a file sink is used ensure that its location is correct and not protected.
AESDKC-0121	<b>Packing error:</b>			
	M_ERR_WIRE_PROTOCOL_PACKING_ERROR	errorRole	Marshaller	Confirm that a valid Wire format is specified, make sure that the data that has to be packed is valid.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0122	<b>Unpacking error:</b>  M_ERR_WIRE_PROTOCOL_UNPACKING_ERROR	errorRole	Marshaller	Confirm that a valid Wire format is specified. The message might not have been received from another SDK application.
AESDKC-0123	<b>Empty node supplied as parameter</b>  M_ERR_DATA_EMPTY_NODE_PARAMETER	errorRole	Marshaller	While appending a node to the tree make sure that node to be appended is not empty.
AESDKC-0124	<b>Bad RVMSG type</b>  M_ERR_DATA_BAD_RVMSG_TYPE	errorRole	Marshaller	Confirm that an invalid RV data type is not used anywhere in the code.
AESDKC-0125	<b>The parameter value supplied is invalid:</b>  M_ERR_DATA_BAD_VALUE	errorRole	Marshaller	Make sure that the parameter value supplied is valid and matches the type of data.
AESDKC-0126	<b>Incorrect data type used:</b>  M_ERR_DATA_BAD_TYPE	errorRole	Marshaller	Confirm that no invalid data type has been used in the code.
AESDKC-0127	<b>The size passed is incorrect for this primitive type</b>  M_ERR_DATA_BAD_SIZE	errorRole	Marshaller	Confirm that the size specified matches the type of data.
AESDKC-0128	<b>Unicode conversion failure :</b>  M_ERR_UNICODE_CONVERSION	errorRole	Unicode	Confirm that the source string data and the specified encoding match.
AESDKC-0129	<b>Failed to convert type to UTF-16BE -</b>  M_ERR_UNICODE_BAD_UTF_16BE	errorRole	Unicode	Source string cannot be converted to UTF-16 BigEndian successfully.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0130	<b>Failed to convert source string into Unicode</b>  M_ERR_UNICODE_ CONVERSION_TO_ UNICODE	errorRole	Unicode	Source string cannot be converted to UTF-16 successfully.
AESDKC-0131	<b>Unexpected reply received:</b>  M_ERR_OPERATIO N_BADREPLY_UNE XPECTED	errorRole	Rpc	Make sure that the server has sent the message correctly and make the parameters or the operation is specified properly.
AESDKC-0132	<b>Unexpected Operation error:</b>  M_ERR_OPERATIO N_UNEXPECTED	errorRole	Rpc	
AESDKC-0133	<b>No oneway operation implementation for:</b>  M_ERR_OPERATIO N_NO_ONEWAY_I MPL	errorRole	Rpc	Confirm that there is an implementation of onOneWayInvoke function in the application code.
AESDKC-0134	<b>No twoway operation implementation for:</b>  M_ERR_OPERATIO N_NO_TWOWAY_I MPL	errorRole	Rpc	Confirm that there is an implementation of onInvoke function in the application code.
AESDKC-0135	<b>An error was raised by the server:</b>  M_ERR_OPERATIO N_IMPL_ERROR	errorRole	Rpc	Make sure that the parameter for the operation has been specified properly.
AESDKC-0136	<b>Rpc invocation timeout</b>  M_ERR_OPERATIO N_TIMEOUT	errorRole	Rpc	Increase the time limit for the timeout and make sure the subscriber and server is up and running.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0137	<b>No proxy found for Operation:</b>  M_ERR_OPERATIO N_PROXY_NOT_FO UND	errorRole	Rpc	Confirm that the client name is specified correctly.
AESDKC-0138	<b>Unable to load plugin dll:</b>  M_ERR_PLUGIN_N OT_LOADED	errorRole	Component	Confirm that the plugin name and its location has been specified properly.
AESDKC-0139	<b>Unable to unload plugin dll:</b>  M_ERR_PLUGIN_N OT_UNLOADED	errorRole	Component	Make sure that no other process or thread is currently accessing the plugin.
AESDKC-0140	<b>Unable to get symbol CreateNewPlugin from dll:</b>  M_ERR_PLUGIN_N O_SYMBOL	errorRole	Component	This occurs when the address of the function CreateNewPlugin cannot be found on the plugin. Make sure this function is present.
AESDKC-0141	<b>No plugin loaded for:</b>  M_ERR_PLUGIN_N O_SUCH_PLUGIN	errorRole	Component	Make sure that the plugin name and its location has been properly specified in command line arguments.
AESDKC-0142	<b>Cannot initialize string, offset is beyond end of source string</b>  M_ERR_STRING_C ANNOT_INITIALIZ E	errorRole	Utility	The string could not be initialized. Make sure that the offset lies beyond the end of source string while creating an MWString or MString.
AESDKC-0143	<b>MList unexpected error.</b>  M_ERR_LIST	errorRole	Utility	An invalid operation was attempted on Mlist. Make sure that the usage on MList is correct.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0144	<b>MList range error.</b>			
	M_ERR_LIST_RANGE	errorRole	Utility	Confirm that the operation done on MList lies within its boundary
AESDKC-0145	<b>MVector range error.</b>			
	M_ERR_VECTOR_RANGE	errorRole	Utility	Confirm that the operation done on MVector lies within its boundary.
AESDKC-0146	<b>Xml Parsing error in file: %1%2: %3</b>			
	M_ERR_XML_PARSE	errorRole	Xml	Make sure that the XML file is well formed.
AESDKC-0147	<b>Xml Parsing error in file: %1%2: %3</b>			
	M_WARN_XML_PARSE	warnRole	Xml	Make sure that the XML file is well formed
AESDKC-0148	<b>Unable to retrieve default MProperties for creation of components :</b>			
	M_ERR_NO_VALID_MPROPERTIES	errorRole	Configuration	Confirm that there is a valid MProperties available.
AESDKC-0149	<b>The specified transport is not supported by the calling method.</b>			
	M_ERR_USAGE_UNSUPPORTED_TRANSPORT	errorRole	Component	This method is not currently supported for the specified transport. Use a transport that is supported for this method.
AESDKC-0150	<b>The specified connection factory is not valid: .</b>			
	M_ERR_USAGE_INVALID_CONNECTION_FACTORY	errorRole	Component	Use a valid connection factory.
AESDKC-0151	<b>JMS Error:</b>			
	M_ERR_JMS	errorRole	JmsComm	The underlying JMS layer is reporting an error condition. See the TIBCO Enterprise Message Service documentation for details.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0152	<b>The specified destination type is not valid.</b>  M_ERR_USAGE_IN VALID_DESTINATI ON_TYPE	errorRole	Component	Use a valid destination type.
AESDKC-0153	<b>Invalid MEndpointSpec:</b>  M_ERR_USAGE_IN VALID_ENDPOINT SPEC	errorRole	Component	Confirm with the documentation that the endpoint spec is set correctly.
AESDKC-0154	<b>Invalid system command line:</b>  M_ERR_USAGE_IN VALID_COMMAND LINE	errorRole	Component	Confirm with the documentation that the system command line is set correctly.
AESDKC-0155	<b>Invalid message format, valid values (M_RV_MESSAGE_FORMAT,M_AERV_MESSAGE_FORMAT,M_XMLJMS_MESSAGE _FORMAT,M_XMLRV_MESSAGE_FORMAT)</b>  M_ERR_USAGE_IN VALID_MESSAGEF ORMAT	errorRole	Component	Use an applicable message format from the list valid values.
AESDKC-0156	<b>Could not open JMS shared library</b>  M_ERR_JMS_DLL_N OT_LOADED	errorRole	JmsComm	The dynamic fetch layer is unable to load the tibjms shared library. Confirm that TIBCO Enterprise Message Service software is installed and that the corresponding environment variables are set correctly.
AESDKC-0157	<b>The specified session is not a valid JMS Session</b>  M_ERR_USAGE_IN VALID_SESSION_T YPE	errorRole	JmsComm	Only an MJmsSession object can be passed to JMS endpoint constructors.

Table 4 Status Codes from the C++ SDK (Cont'd)

Status Code	Message Symbol	Role	Category	Resolution
AESDKC-0158	<b>Error in Dispatcher</b>			
	M_ERROR_DISPAT CHER	errorRole	Utility	A system level error occurred while creating or running the dispatcher thread. Check if enough memory is available and if the parameter passed is correct.
AESDKC-0160	<b>Event listener is not an advisory listener</b>			
	M_ERR_ADVISORY _LISTENER	errorRole	Component	The wrong object has been passed. Only an MAdvisoryListener object can be passed.
AESDKC-0200	<b>Memory allocation failed</b>			
	M_ERROR_UNEXPE CTED	errorRole	System	Not enough memory has been allocated.

