

TIBCO® Adapter SDK

Status Codes

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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

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

Changes from the Previous Release of this Guide

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

Related Documentation

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"> • Name Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu. • Path The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>. <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 <code>C:\tibco\adapter\SDK\version_number</code>.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> • In procedures, to indicate what a user types. For example: Type admin. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code>

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"> To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>. To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code>
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> <pre>MyCommand [optional_parameter] required_parameter</pre>
	<p>A logical OR that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <pre>MyCommand para1 param2 param3</pre>

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 <code>param1</code> and <code>param2</code>, or the pair <code>param3</code> and <code>param4</code>.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either <code>param1</code> or <code>param2</code> and the second can be either <code>param3</code> or <code>param4</code>:</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 <code>param1</code>. You can optionally include <code>param2</code> as the second parameter. And the last parameter is either <code>param3</code> or <code>param4</code>.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre>

Connecting with TIBCO Resources

How to Join TIBCOCommunity

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

- [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	Invalid data size: data size bigger than expected for %1.			
	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	Cannot construct: %1.			
	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	Out of range: %1.			
	ERR_METADATA_OUT_OF_RANGE	ERROR	Metadata	Correct the input data to be within range.
AESDKJ-0403	Invalid name: %1.			
	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	Unused - Invalid data type: %1.			
	ERR_METADATA_BAD_DATA_TYPE	ERROR	Metadata	Unused
AESDKJ-0405	Unsupported serialization/deserialization type: %1.			
	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	Packing/unpacking error: bad %1. ERR_METADATA_PACKING_ERROR	ERROR	Metadata	Some or all of the message header is missing or incorrectly formatted.
AESDKJ-0407	Rv error: ERR_RV_ERROR	ERROR	TibRvComm	An error was reported by the TIBCO Rendezvous layer. Please refer to the relevant documentation for details.
AESDKJ-0408	Unexpected class: %1. Expecting %2. ERR_SERIALIZER_UNEXPECTED_CLASSES	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	Null or empty argument passed: %1. Not permitted. ERR_COMPONENT_NULL_PARAMETER	ERROR	Component	This parameter is required to use this method.
AESDKJ-0410	Operation error: %1 ERR_COMPONENT_OPERATION_ERROR	ERROR	Component	The specified component cannot be used in this manner.
AESDKJ-0411	Unexpected class: %1. Expecting %2. ERR_COMPONENT_UNEXPECTED_CLASSES	ERROR	Component	Confirm that the class set is correct.
AESDKJ-0412	Operation not found: %1. 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	Null or empty argument passed: %1. Not permitted.			
	ERR_METADATA_NULL_PARAMETER	ERROR	Metadata	This argument must be non-NULL for use of this method.
AESDKJ-0414	Invalid data type format: %1.			
	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	Operation error: in file %1.			
	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	Unexpected class: %1. Expecting %2.			
	ERR_MARSHALLER_UNEXPECTED_CLASS	ERROR	Marshaller	Deprecated - this error code has conflicting usage.
AESDKJ-0417	Interrupt occurred while dispatching events.			
	ERR_COMPONENT_INTERRUPT	ERROR	Component	There is no resolution for this. A java.lang.InterruptedExceptio
AESDKJ-0418	The component %1 required for %2 not found.			
	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	Data error: %1 data in the wrong format. ERR_MARSHALLE R_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	Metadata class not found: %1. ERR_METADATA_ CLASS_NOT_FOUN D	ERROR	Metadata	The specified metadata class must be loaded by the adapter by specifying either the loadUrl or the searchUrl in configuration.
AESDKJ-0421	Database error: ERR_DB_ERROR	ERROR	Database	Confirm that the database in use is operating correctly.
AESDKJ-0422	Hawk parameter error: index, %1 is not one of the output parameters. ERR_COMPONENT _HAWK_PARAMET ER_ERROR	ERROR	Component	One of the hawk parameters for methods that return data must specified as the output parameter. Correct the configuration and restart the adapter.
AESDKJ-0423	Operation error: %1 ERR_RPC_OPERATI ON_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	Hawk method error: output type(%1) mismatch. Excepting %2.			
	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	Invalid value: %1.			
	ERR_COMPONENT_INVALID_VALUE	ERROR	Component	See the documentation for valid values.
AESDKJ-0426	Unexpected component: %1. Expecting %2.			
	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	Method is deprecated: %1.			
	ERR_METADATA_DEPRECATED_METHOD	ERROR	Metadata	This method is no longer supported. Do not use it.
AESDKJ-0428	Unsupported feature: %1.			
	ERR_COMPONENT_UNSUPPORTED_FEATURE	ERROR	Component	Do not use unsupported feature.
AESDKJ-0429	Operation error: connection %1 failed.			
	ERR_PROPERTIES_CONNECTION_FAILED	ERROR	Properties	Check if the URL specified is correct and check if the server is running.
AESDKJ-0430	Incorrect usage: %1			
	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	Invalid/unknown protocol %1 passed for %2. ERR_COMPONENT_UNKNOWN_PROTOCOL	ERROR	Component	Pass only RV , RVCM , RVCMQ , RVTX protocol.
AESDKJ-0432	Unexpected class: %1. Expecting %2. ERR_METADATA_UNEXPECTED_CLASS	ERROR	Metadata	Check if the class description given is correct and check the repository.
AESDKJ-0433	Operation error: %1 ERR_METADATA_OPERATION_ERROR	ERROR	Metadata	Unexpected error. If error persists contact TIBCO Support.
AESDKJ-0434	Operation error: %1 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	Duplicate operation: %1. ERR_RPC_DUPLICATE	ERROR	Rpc	Do not have duplicate parameter names for the same operation.
AESDKJ-0436	Duplicate: %1. ERR_COMPONENT_DUPLICATE	ERROR	Component	Do not have two components with the same name.
AESDKJ-0437	Duplicate: %1 in %2. ERR_METADATA_DUPLICATE	ERROR	Metadata	Do not have two metadata object with the same name.
AESDKJ-0438	Invalid url: %1. 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	Operation error: ERR_PROPERTIES_ OPERATION_ERRO R	ERROR	Properties	Check all operations related to properties.
AESDKJ-0440	Out of range: precision %1 exceeded max precision limit %2. ERR_METADATA_ OUT_OF_RANGE_P RECISION	ERROR	Metadata	Increase the max precision parameter.
AESDKJ-0441	Out of range: size %1 exceeded max size limit %2. ERR_METADATA_ OUT_OF_RANGE_S IZE	ERROR	Metadata	Increase the max size parameter or do not try to exceed the limit.
AESDKJ-0442	Out of range: index†%1 exceeded the size limit %2. ERR_METADATA_ OUT_OF_RANGE_I NDEX	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0443	Out of range: the start index %1 is < 0. ERR_METADATA_ OUT_OF_RANGE_S TART_LT_ZERO	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0444	Out of range: the start index %1 is ERR_METADATA_ OUT_OF_RANGE_S TART_GT_LEN	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0445	Out of range: the start index %1 is 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	Out of range: the end index %1 is ERR_METADATA_OUT_OF_RANGE_END_GT_LEN	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0447	Out of range: the index/pos %1 is < 0. ERR_METADATA_OUT_OF_RANGE_POS_LT_ZERO	ERROR	Metadata	Do not try to access an out of bounds value.
AESDKJ-0448	Attribute not found: %1 in %2. ERR_CONFIG_TAG_NOT_FOUND	ERROR	TibRvComm	Make sure the URL exists in the repository.
AESDKJ-0449	Invalid assoc key: %1. ERR_PROPERTIES_INVALID_ASSOC_KEY	ERROR	Properties	Check the repository and provide correct values.
AESDKJ-0450	Unable to activate component: %1. ERR_COMPONENT_ACTIVATE_ERROR	ERROR	Component	Check if the component has been created first, then check if the parameters passed are correct.
AESDKJ-0451	Operation error: unable to create Tibrv Session for %1(%2). ERR_COMPONENT_OPERATION_ERROR_SESSION_CREATION	ERROR	Component	Confirm that all parameters specified are correct.
AESDKJ-0452	Operation error: component(%1, %2) and session protocol are incompatible. 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	Operation error: component(%1, %2) not in activative state.			
	ERR_COMPONENT _OPERATION_ERR OR_NOT_ACTIVAT ED	ERROR	Component	Activate the component and then use it.
AESDKJ-0454	Operation error: failed to get response within the specified time %1.			
	ERR_COMPONENT _OPERATION_ERR OR_TIMEOUT	ERROR	Component	Increase the time limit or check if the subscriber or server is running.
AESDKJ-0455	Operation error: object to be monitored does not support method.			
	ERR_COMPONENT _OPERATION_UN SUPPORTED_OBJ_M ETHOD	ERROR	Component	Do not try to use unsupported methods.
AESDKJ-0456	Operation error: TX controls reach maximum capacity.			
	ERR_COMPONENT _OPERATION_ERR OR_TX_CTL_USED_ UP	ERROR	Component	Increase the maximum capacity or wait till a transaction is complete.
AESDKJ-0457	Operation error: when creating sink, %1(%2).			
	ERR_COMPONENT _OPERATION_ERR OR_SINK_CREATE	ERROR	Component	Confirm that the name and path specified for the file is correct.
AESDKJ-0458	Incorrect usage: cannot modify a non-settable property(%1).			
	ERR_PROPERTIES_I NCORRECT_USAG E_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	Incorrect usage: repository client handle cannot be null.			
	ERR_PROPERTIES_I NCORRECT_USAG E_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	Missing operation details: Missing %2=%1 for operation %3. ERR_RPC_OPERATI ON_NOT_FOUND_ OP	ERROR	Rpc	Check if the correct parameter was passed, if the operation description is present.
AESDKJ-0461	Null or empty DataType. Cannot create instance. ERR_METADATA_ NULL_DATA_TYPE	ERROR	Metadata	Do not specify a NULL or empty data type.
AESDKJ-0462	Operation error: SAX parser not found. Either property org.xml.sax.parser is not defined or com.microstar.xml.SAXDriver is not in classpath.' ERR_XML_OPERAT ION_ERROR_PARS ER_NOT_FOUND	ERROR	Xml	Confirm that the sax parser is present.
AESDKJ-0463	Unexpected class: %1. Expecting %2. ERR_XML_UNEXPE CTED_CLASS	ERROR	Xml	Check the XML file and pass the expected class.
AESDKJ-0464	Data error occurred while reading/writing %1 data. ERR_MARSHALLE R_DATA_ERROR_S ER	ERROR	Marshaller	Make sure that there is no invalid type value.
AESDKJ-0465	Data error occurred while writing %1 data. The destination buffer is bigger than the source buffer. ERR_MARSHALLE R_DATA_ERROR_S ER_BUF_SIZE_TOO _SMALL	ERROR	Marshaller	Make sure that there is enough memory in the destination buffer.
AESDKJ-0466	Data error occurred while writing %1 data. Destination and source and destination type mismatched. ERR_MARSHALLE R_DATA_ERROR_S ER_TYPE_MISMAT CH	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	JDBC driver class name cannot be null.			
	ERR_DB_ERROR_NULL_DRIVER	ERROR	Database	A JDBC driver class name must be specified.
AESDKJ-0468	Hawk parameter error: unexpected hawk parameter, %1. Expecting %2.			
	ERR_COMPONENT_HAWK_PARAMETER_UNEXPECTED	ERROR	Component	Check the repository and specify the correct parameter.
AESDKJ-0469	Hawk parameter error: output parameter not specified.			
	ERR_COMPONENT_HAWK_PARAMETER_NOT_SPECIFIED	ERROR	Component	Specify an output parameter for this Hawk method in the repository.
AESDKJ-0470	Operation error: operation, %1 cannot throw exception, %2.			
	ERR_RPC_OPERATION_ERROR_NULL_EXCEPTION	ERROR	Rpc	The operation is not configured to throw exception. Check the repository.
AESDKJ-0471	Null or empty value: %1.			
	ERR_RPC_OPERATION_ERROR_NULL_VALUE	ERROR	Rpc	Make sure the parameter that is passed is not NULL.
AESDKJ-0472	Hawk method error: number of output mismatch.			
	ERR_COMPONENT_HAWK_METHOD_NUM_OUTPUT_MISMATCH	ERROR	Component	Check the repository and pass the correct value.
AESDKJ-0473	Incorrect usage: parameter, %1 is not an input parameter.			
	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	Incorrect usage: cannot assign value to %1.			
	ERR_RPC_INCORR ECT_USAGE_UNAS SIGNABLE	ERROR	Rpc	The value cannot be assigned, Make sure the type is correct.
AESDKJ-0475	Incorrect usage: for one-way operation use onewayInvoke().			
	ERR_RPC_INCORR ECT_USAGE_ONE_ WAY	ERROR	Rpc	The chosen operation is oneway. Make sure it is not.
AESDKJ-0476	Incorrect usage: not a one-way operation.			
	ERR_RPC_INCORR ECT_USAGE_NOT_ ONE_WAY	ERROR	Rpc	The chosen operation is not oneway. Make sure it is.
AESDKJ-0477	Incorrect usage: user application to override %1.			
	ERR_RPC_INCORR ECT_USAGE_USER _IMPL	ERROR	Rpc	You must have a implementation.
AESDKJ-0478	Incorrect usage: parameter, %1 is not an output parameter.			
	ERR_RPC_INCORR ECT_USAGE_NOT_ OUTPUT_PARAME TER	ERROR	Rpc	Check the repository for the parameter or check the parameter that been passed. It has to match.
AESDKJ-0479	Unsupported class: serializing as a stand-alone object not supported by SDK.			
	ERR_METADATA_ UNSUPPORTED_CL ASS_ALONE	ERROR	Metadata	Do not use an unsupported class. Adapter SDK does not handle it.
AESDKJ-0480	Incorrect definition: %1. Repository may not have the correct configuration data.			
	ERR_METADATA_I NCORRECT_DEFIN ITION	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	Incorrect usage: short name, %1 used. Expecting long name.			
	ERR_METADATA_I NCORRECT_USAG E_LONG_NAME_E XPECTED	ERROR	Metadata	Specify a long name.
AESDKJ-0482	Incorrect usage: cannot mix %1 and %2.			
	ERR_METADATA_I NCORRECT_USAG E_MIX	ERROR	Metadata	Confirm that the types are not mismatched.
AESDKJ-0483	Incorrect usage: specified %1 not supported.			
	ERR_METADATA_I NCORRECT_USAG E_UNSUPPORTED	ERROR	Metadata	The following is not supported. Do not use it.
AESDKJ-0484	Invalid value: %1.			
	ERR_METADATA_I NVALID_VALUE	ERROR	Metadata	Do not specify invalid value. Check the type.
AESDKJ-0485	Invalid Multiplicity: min (%1)			
	ERR_METADATA_I NCORRECT_USAG E_MULTI_MIN_GT_ MAX	ERROR	Metadata	Check the multiplicity.
AESDKJ-0486	Incorrect usage: union member %1 not in union %2.			
	ERR_METADATA_ UNION_MEMBER_ NOT_FOUND	ERROR	Metadata	Make sure the member variable is found in the class registry.
AESDKJ-0487	Attribute not found: %1.			
	ERR_METADATA_ ATTRIBUTE_NOT_F OUND	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	Incorrect usage: attribute, %1 cannot be modify.			
	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	Incorrect usage: cannot set attribute %1 value to null.			
	ERR_METADATA_I NCORRECT_USAG E_NULL_ATTRIB	ERROR	Metadata	Do not assign NULL attribute to this object.
AESDKJ-0490	Incorrect usage: cannot assign value %1 to %2.			
	ERR_METADATA_I NCORRECT_USAG E_UNASSIGNABLE	ERROR	Metadata	Check the value that has to be assigned.
AESDKJ-0491	Incorrect usage: non numeric index used.			
	ERR_METADATA_I NCORRECT_USAG E_IDX_NOT_NUME RIC	ERROR	Metadata	Make sure that the index number is numeric.
AESDKJ-0492	Incorrect usage: attribute list cannot be modified.			
	ERR_METADATA_I NCORRECT_USAG E_ATTRIB_LIST_RE AD_ONLY	ERROR	Metadata	Do not try to modify the attribute list.
AESDKJ-0493	Incorrect usage: operation list cannot be modified.			
	ERR_METADATA_I NCORRECT_USAG E_OP_LIST_READ_ ONLY	ERROR	Metadata	Confirm that a read only list cannot be modified.
AESDKJ-0494	Incorrect usage: union member list cannot be modified.			
	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	Incorrect usage: illegal token %1 used.			
	ERR_METADATA_INCORRECT_USAGE_ILLEGAL_TOKEN	ERROR	Metadata	Do not specify illegal tokens.
AESDKJ-0496	Incorrect usage: %1. Only GlobalName/String/byte[]/Assoc are permitted values.			
	ERR_PROPERTIES_INCORRECT_USAGE_VALUE	ERROR	Properties	Pass either GlobalName, String, byte[], or Assoc.
AESDKJ-0497	Incorrect usage: parameter, %1 is not an legal parameter.			
	ERR_RPC_INCORRECT_USAGE_ILLEGAL_PARAMETER	ERROR	Rpc	Make sure that an incorrect parameter is not passed or set in the repository.
AESDKJ-0498	Unexpected type: %1. Expecting %2.			
	ERR_COMPONENT_HAWK_TYPE_UNEXPECTED	ERROR	Component	Make sure an invalid type is not passed.
AESDKJ-0499	Method: %1 is not a MHawkMethod.			
	ERR_COMPONENT_NOT_HAWK_METHOD	ERROR	Component	Confirm that the method passed is a Hawk method.
AESDKJ-0500	Component is already set: %1. Cannot set again.			
	ERR_COMPONENT_ALREADY_SET	ERROR	Component	Make sure that there are no duplicate components.
AESDKJ-0501	Incorrect usage: cannot confirm non-CM message. Sequence number is 0.			
	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	Unsupported method: %1 is not supported for %2.			
	ERR_COMPONENT_UNEXPECTED_METHOD	ERROR	Component	The function is not supported. Do not use.
AESDKJ-0503	Unexpected class: %1. Expecting %2.			
	ERR_CONFIG_UNEXPECTED_CLASS	ERROR	Configuration	Check the class name passed.
AESDKJ-0504	ConfigURL must to be specified.			
	ERR_CONFIG_INCORRECT_USAGE_UNSPECIFIED_URL	ERROR	Configuration	Make sure that the config URL is passed in MAppProperties.
AESDKJ-0505	Invalid value: %1. Expecting value to be %2.			
	ERR_CONFIG_INVALID_VALUE	ERROR	Configuration	Confirm that an invalid value is not passed in the repository.
AESDKJ-0506	Operation error: path/url (%1) is locked.			
	ERR_PROPERTIES_OPERATION_ERROR_URL_LOCKED	ERROR	Properties	Confirm that the URL used is not locked.
AESDKJ-0507	Operation error: implementation not found for %1.			
	ERR_PROPERTIES_NOT_IMPL	ERROR	Properties	Make sure the properties implementation is present.
AESDKJ-0508	Invalid Multiplicity: The min multiplicity value(%1) is < 0.			
	ERR_METADATA_INCORRECT_USAGE_MULTIMINLTZERO	ERROR	Metadata	Check the multiplicity value.
AESDKJ-0509	Invalid Multiplicity: The max multiplicity value(%1) is < 0.			
	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	Can not add custom database handle to SDK control pool.			
	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	Unable to create component: %1			
	ERR_COMPONENT_NOT_CREATED	ERROR	Component	Confirm that the component passed is already created.
AESDKJ-0512	Authentication Failure			
	ERR_SECURITY_AUTHENTICATION	ERROR	Component	Confirm that the user credentials are valid.
AESDKJ-0513	Insufficient Access Rights			
	ERR_SECURITY_ACCESS_DENIED	ERROR	Component	Ensure with your Admin that you have sufficient Access rights to perform the operation.
AESDKJ-0514	Failed to Obfuscate/De-Obfuscate property file			
	ERR_SECURITY_OBFUSCATION	ERROR	Component	Failed to obfuscate or de-obfuscate the property file.
AESDKJ-0515	ERR_UTILITY_UNSPECIFIED_VALUE			
	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	ERR_UTILITY_FAIL_TO_LOAD_FILE			
	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	ERR_RV_NO_REPLY_SUBJ 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	JMS error: ERR_JMS_ERROR	ERROR	JmsComm	An error was reported by the JMS layer. Please refer to the relevant documentation for details
AESDKJ-0519	The specified transport is not supported by the calling method. ERR_USAGE_UNSUPPORTED	ERROR	Component	This method is not currently supported for the specified transport. Use a transport that is supported for this method.
AESDKJ-0520	Invalid system command line: %1 M_ERR_USAGE_INVALID_COMMANDLINE	ERROR	Component	Confirm with the documentation that the system command line is set correctly.
AESDKJ-0521	Invalid message format, valid values (MMessageFormat.RV,MMessageFormat.AERV,MMessageFormat.XMLJMS,MMessageFormat.XMLRV) M_ERR_USAGE_INVALID_MESSAGEFORMAT	ERROR	Component	Use applicable message format from the list valid values.
AESDKJ-0522	Error occurred in Transformation Plugin : %1 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	Deserialization of metadata failed.			
	M_ERR_METADAT A_DESERIALIZATI ON_ERROR	errorRole	Serializer	Correct the metadata in the repository instance and retry
AESDKC-0041	Deserialization failed to find prefix in Idx list.			
	M_ERR_CANNOT_F IND_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	Connection to TIB CR failed.			
	M_ERR_CONFIG_R EPOSITORY_CONN ECTION	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	Get document from TIB CR failed.			
	M_ERR_CONFIG_R EPOSITORY_GET_D OCUMENT	errorRole	Database	Confirm that the specified document exists in the repository instance being used.
AESDKC-0044	Creating document on TIB CR failed.			
	M_ERR_CONFIG_R EPOSITORY_CREAT E_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	Update existing document to TIB CR failed.			
	M_ERR_CONFIG_REPOSITORY_UPDATE_DOCUMENT	errorRole	Database	Confirm that the user and password used to launch the adapter has write permissions on the repository.
AESDKC-0046	Commit to repository failed.			
	M_ERR_CONFIG_REPOSITORY_COMMIT	errorRole	Database	Confirm that the user and password used to launch the adapter has write permissions on the repository.
AESDKC-0047	Rollback from repository failed.			
	M_ERR_CONFIG_REPOSITORY_ROLLBACK	errorRole	Database	Re-attempt to commit. If subsequent attempts fail, confirm that the repository instance is running normally.
AESDKC-0048	Repository Exception :			
	M_ERR_CONFIG_REPOSITORY_GENERAL	errorRole	Database	
AESDKC-0049	Repository connection is not available.			
	M_ERR_CONFIG_REPOSITORY_CONNECTION_UNAVAILABLE	errorRole	Database	A remote repository instance has likely gone down. Confirm the state of the repository and restart if necessary.
AESDKC-0050	Specified document name (XML top element) not found in the configuration.			
	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	Configuration is missing the session information for hawk micro agent:			
	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	The configuration does not specify the mandatory attribute:			
	M_ERR_CONFIG_M ISSING_MANDATO RY_ATTRIBUTE	errorRole	Configuration	Supply the missing configuration attribute and restart the adapter.
AESDKC-0053	The configuration does not specify a default session.			
	M_ERR_CONFIG_N O_DEFAULT_SESSI ON	errorRole	Configuration	Specify a default session and restart the adapter.
AESDKC-0054	The configuration file does not specify a correct default session:			
	M_ERR_CONFIG_U NKNOWN_DEFAU LT_SESSION	errorRole	Configuration	The specified default session does not exist or is invalid. Correct the configuration and restart the adapter.
AESDKC-0055	The value for this attribute must be stderr or stdout:			
	M_ERR_CONFIG_I NVALID_STDIO	errorRole	Configuration	Change the attribute value to one of the acceptable values and restart the adapter.
AESDKC-0056	The value for this attribute cannot be less than 1:			
	M_ERR_CONFIG_A TTRIBUTE_VALUE_ LESS_THAN_1	errorRole	Configuration	Change the attribute value to be greater than 0 and restart the adapter.
AESDKC-0057	Invalid attribute value for oneway operation:			
	M_ERR_CONFIG_I NVALID_FOR_ONE WAY_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	The configuration file does not specify the XML file name.			
	M_ERR_CONFIG_M ISSING_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	The configuration file contains a duplicate hawk micro agent named:			
	M_ERR_CONFIG_DUPLICATE_HAWK_MICRO_AGENT	errorRole	Configuration	Remove the duplicate hawk micro agent from configuration and restart the adapter.
AESDKC-0060	The configuration file contains a duplicate method named:			
	M_ERR_CONFIG_DUPLICATE_HAWK_METHOD	errorRole	Configuration	Remove the duplicate hawk method and restart the adapter.
AESDKC-0061	Valid values for hawk parameter type attribute are "boolean", "integer", "real"			
	M_ERR_CONFIG_INCORRECT_HAWK_PARAMETER_TYPE	errorRole	Configuration	Change the type attribute to be one of the 3 permitted values.
AESDKC-0062	Please see the document for valid class values for attributes. The configuration file contains an invalid type :			
	M_ERR_CONFIG_INCORRECT_ATTRIBUTE_CLASS	errorRole	Configuration	Change the type attribute to be one of the permitted values.
AESDKC-0063	Configuration/Schema root object name is incorrect:			
	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	Repository Path			
	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	Error while parsing:			
	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	The requested element was not found. 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	Call made to unsupported method: M_ERR_XML_UNSU PPORTED	errorRole	Xml	This method is not currently supported. Do not attempt to call it.
AESDKC-0068	Unused - An undefined error occurred while attempting to process a file as an XML document. M_ERR_XML_UNRE ADABLE_FILE	errorRole	Xml	Unused - The file may be corrupted, or it may not be an XML file.
AESDKC-0069	Unable to open the specified XML file for processing. 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	Unused - The specified XML file contains no data M_ERR_XML_EMPT Y_FILE	errorRole	Xml	Unused - confirm the file is a valid XML document.
AESDKC-0071	Error initializing 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	RV Error: 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	RVTX Error: 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	This operation is not permitted on RVTX : 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	Could not load the function from RVTX Dll : 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	This operation is not permitted on RVTX : 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	NULL parameter passed: M_ERR_USAGE_NULL_PARAMETER	errorRole	Metadata	Use of this method requires that this parameter be non-NULL.
AESDKC-0080	A sink with the specified name already exists: 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	A component object with the specified name already exists:			
	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	A class description with the specified name already exists:			
	M_ERR_USAGE_DUPLICATE_CLASS_DESCRIPTION_OBJECT	errorRole	Metadata	All class description names in a given MClassRegistry instance must be unique.
AESDKC-0083	Unspecified parameter:			
	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	No description was specified for the following hawk method in the configuration file:			
	M_ERR_USAGE_HAWK_METHOD_DESCRIPTION_UNSPECIFIED	errorRole	Configuration	Specify a description for this hawk method in configuration and restart the adapter.
AESDKC-0085	Unsupported data type passed for MHawkParameter			
	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	Rpc Operation already has an implementation:			
	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	Class description not available for:			
	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	The Attribute is not defined in this class:			
	M_ERR_USAGE_MISSING_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	The specified attribute type does not match with type in class description			
	M_ERR_USAGE_CLASS_ATTRIBUTE_MISMATCH	errorRole	Metadata	Do not attempt to set an attribute with a type that does not match the metadata. For example, if the metadata type is "string", setting that attribute with an MInteger will result in this error.
AESDKC-0090	Class does not have relation. Class:			
	M_ERR_USAGE_MISSING_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	The specified transport protocol is not supported			
	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	The session is not enabled for certified messages (M_RVCM)			
	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	The session is not enabled for distributed queues (M_RVCMQ) :			
	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	The session is not enabled for Transactions (M_RVTX) :			
	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	The session name given does not refer to a session component:			
	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	No hawk micro agent by the given name exists:			
	M_ERR_USAGE_NO T_A_HAWK_MICR O_AGENT	errorRole	Component	Confirm that the hawk micro agent specified exists.
AESDKC-0097	Value not provided for key attribute:			
	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	Key attribute does not match reference:			
	M_ERR_USAGE_CL ASS_RELATION_KE Y_NOT_EQUAL	errorRole	Metadata	This is effectively saying that the key passed to isValid() 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	Key list mismatch on both endpoints:			
	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::isValid() and passing an MSequence. Since this method returns void, it indicates the result by throwing exceptions.
AESDKC-0100	Constructor is not supported with this version:			
	M_ERR_USAGE_UN SUPPORTED_CONS TRUCTOR	errorRole	Utility	Do not use this constructor form. Support for it has been removed.
AESDKC-0101	This usage of the operation is not supported with this version:			
	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	Deprecated call not allowed in context:			
	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	The MData sub-class failed the validation as per class description			
	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	Config info for baseBusinessDocument is not found in the repository			
	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	Config info for baseAdvisoryDocument is not found in the repository			
	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	Config info for sequence for business document is not found in the repository			
	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	Invalid method call for Oneway operation:			
	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	Invalid method call for Twoway operation:			
	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	Operation already pending for request:			
	M_ERR_USAGE_OPERATION_PENDING	errorRole	Rpc	An attempt to call asyncInvoke() was made before an existing call to asyncInvoke() completed.
AESDKC-0110	Operation description not available:			
	M_ERR_USAGE_OPERATION_DESCRIPTION_NOT_AVAILABLE	errorRole	Rpc	
AESDKC-0111	An internal error occurred while adding an object to the components set			
	M_ERR_INTERNAL_ADDING_COMPONENT	errorRole	Component	Make sure the component does not already exist , and there is a valid component registry.
AESDKC-0112	Exception while creating the reply publisher			
	M_ERR_INTERNAL_REPLY_PUBLISHER_CREATION_FAILED	errorRole	Component	Confirm that the subscriber is created , and the protocol is specified correct.
AESDKC-0113	Could not locate hawk micro agent:			
	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	Unexpected data type: M_ERR_INTERNAL_UNEXPECTED_DATA_TYPE	errorRole	Metadata	Confirm that the parameter that has been supplied exists.
AESDKC-0115	Unexpected Error: M_ERR_INTERNAL_UNEXPECTED	errorRole	Utility	Make sure that class registry has not been unexpectedly deleted.
AESDKC-0116	The timer interval value cannot be less than 1 M_ERR_TIMER_BAD_INTERVAL	errorRole	Component	Make sure that the timer interval is not less than 1.
AESDKC-0117	Obsolete - An attempt to activate the timer was made while the timer is already active M_ERR_TIMER_DOUBLE_ACTIVATION	errorRole	Component	Do not activate the timer twice.
AESDKC-0118	Failed to open sink file: 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	Error in checking size of sink file 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	Error when writing to the sink file 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	Packing error: 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	Unpacking error: 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	Empty node supplied as parameter 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	Bad RVMSG type M_ERR_DATA_BAD_RVMSG_TYPE	errorRole	Marshaller	Confirm that an invalid RV data type is not used anywhere in the code.
AESDKC-0125	The parameter value supplied is invalid: M_ERR_DATA_BAD_VALUE	errorRole	Marshaller	Make sure that the parameter value supplied is valid and matches the type of data.
AESDKC-0126	Incorrect data type used: M_ERR_DATA_BAD_TYPE	errorRole	Marshaller	Confirm that no invalid data type has been used in the code.
AESDKC-0127	The size passed is incorrect for this primitive type M_ERR_DATA_BAD_SIZE	errorRole	Marshaller	Confirm that the size specified matches the type of data.
AESDKC-0128	Unicode conversion failure : M_ERR_UNICODE_CONVERSION	errorRole	Unicode	Confirm that the source string data and the specified encoding match.
AESDKC-0129	Failed to convert type to UTF-16BE - 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	Failed to convert source string into Unicode M_ERR_UNICODE_ CONVERSION_TO_ UNICODE	errorRole	Unicode	Source string cannot be converted to UTF-16 successfully.
AESDKC-0131	Unexpected reply received: 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	Unexpected Operation error: M_ERR_OPERATIO N_UNEXPECTED	errorRole	Rpc	
AESDKC-0133	No oneway operation implementation for: 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	No twoway operation implementation for: 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	An error was raised by the server: M_ERR_OPERATIO N_IMPL_ERROR	errorRole	Rpc	Make sure that the parameter for the operation has been specified properly.
AESDKC-0136	Rpc invocation timeout 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	No proxy found for Operation:			
	M_ERR_OPERATIO N_PROXY_NOT_FO UND	errorRole	Rpc	Confirm that the client name is specified correctly.
AESDKC-0138	Unable to load plugin dll:			
	M_ERR_PLUGIN_N OT_LOADED	errorRole	Component	Confirm that the plugin name and its location has been specified properly.
AESDKC-0139	Unable to unload plugin dll:			
	M_ERR_PLUGIN_N OT_UNLOADED	errorRole	Component	Make sure that no other process or thread is currently accessing the plugin.
AESDKC-0140	Unable to get symbol CreateNewPlugin from dll:			
	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	No plugin loaded for:			
	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	Cannot initialize string, offset is beyond end of source string			
	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	MList unexpected error.			
	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	MList range error. M_ERR_LIST_RANG E	errorRole	Utility	Confirm that the operation done on MList lies within its boundary
AESDKC-0145	MVector range error. M_ERR_VECTOR_R ANGE	errorRole	Utility	Confirm that the operation done on MVector lies within its boundary.
AESDKC-0146	Xml Parsing error in file: %1%2: %3 M_ERR_XML_PARS E	errorRole	Xml	Make sure that the XML file is well formed.
AESDKC-0147	Xml Parsing error in file: %1%2: %3 M_WARN_XML_PA RSE	warnRole	Xml	Make sure that the XML file is well formed
AESDKC-0148	Unable to retrieve default MProperties for creation of components : M_ERR_NO_VALID _MPROPERTIES	errorRole	Configuration	Confirm that there is a valid MProperties available.
AESDKC-0149	The specified transport is not supported by the calling method. M_ERR_USAGE_UN SUPPORTED_TRAN SPORT	errorRole	Component	This method is not currently supported for the specified transport. Use a transport that is supported for this method.
AESDKC-0150	The specified connection factory is not valid: . M_ERR_USAGE_IN VALID_CONN_FAC TORY	errorRole	Component	Use a valid connection factory.
AESDKC-0151	JMS Error: 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	The specified destination type is not valid. M_ERR_USAGE_IN VALID_DESTINATI ON_TYPE	errorRole	Component	Use a valid destination type.
AESDKC-0153	Invalid MEndpointSpec: M_ERR_USAGE_IN VALID_ENDPOINT SPEC	errorRole	Component	Confirm with the documentation that the endpoint spec is set correctly.
AESDKC-0154	Invalid system command line: M_ERR_USAGE_IN VALID_COMMAND LINE	errorRole	Component	Confirm with the documentation that the system command line is set correctly.
AESDKC-0155	Invalid message format, valid values (M_RV_MESSAGE_FORMAT,M_AERV_MESSAGE_FORMAT,M_XMLJMS_MESSAGE _FORMAT,M_XMLRV_MESSAGE_FORMAT) M_ERR_USAGE_IN VALID_MESSAGEF ORMAT	errorRole	Component	Use an applicable message format from the list valid values.
AESDKC-0156	Could not open JMS shared library 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	The specified session is not a valid JMS Session 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	Error in Dispatcher			
	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	Event listener is not an advisory listener			
	M_ERR_ADVISORY _LISTENER	errorRole	Component	The wrong object has been passed. Only an MAdvisoryListener object can be passed.
AESDKC-0200	Memory allocation failed			
	M_ERROR_UNEXPE CTED	errorRole	System	Not enough memory has been allocated.

