InfoSphere Information Server
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IBM InfoSphere Information Server
JDBC Connector Message Reference

IBM
Note

Before using this information and the product that it supports, read the information in "Notices and trademarks" on page
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JDBC connector messages

This message reference includes the messages that are returned by the JDBC connector.

You must be familiar with the functions of the operating system where the JDBC connector is installed. You can use the information in this message reference to identify an error or warning and resolve the problem by using the appropriate recovery action. You can also use this information to understand where the messages are generated and logged.

The connector generates messages reported by the JDBC driver as well as messages that it generates internally in relation to the environment configuration and general connector usage.

Each message has a message identifier that consists of a prefix (IIS) and a message number. Messages are listed in numeric sequence based upon the message number. There are three message types: Error, Warning, and Informational. Message identifiers ending with an E are error messages. Those ending with a W indicate warning. Messages ending in an I indicates informational messages.

You can view complete error details in the log file in the IBM® InfoSphere™ DataStage® and QualityStage™ Director client.

IIS-CONN-JDBC-00001E The connector failed to connect to the data source. The reported error is: error_text
Explanation: The connector did not connect to the data source that is specified in the URL.
User response: Ensure that the data source is available and that the format of the URL is correct. For more information, see the full error text error_text.

IIS-CONN-JDBC-00002E The connector failed to prepare the specified connection attributes. The reported error is: error_info
Explanation: The connector attempted to prepare connection attributes before establishing the connection to the data source, but the operation failed.
User response: Ensure that the attributes are specified in name=value format. Refer to the error description error_info for more details.

IIS-CONN-JDBC-00003E The connection URL string value is missing.
Explanation: The URL value was not provided, and so the connector is not able to establish a connection to the data source.
User response: Specify a URL value. If a job parameter is used for the URL property value, ensure that the job parameter is not empty when the job is started.

IIS-CONN-JDBC-00004E The connector failed to locate a suitable driver for the specified URL value.
Explanation: The connector failed to find a suitable driver for the specified URL value among the currently loaded and registered drivers.
User response: Ensure that the following requirements are met:
• The driver class path and driver class name information is specified in the driver configuration file.
• The URL value has the valid syntax.

IIS-CONN-JDBC-00005E The connector failed to initialize the class loader for the specified classpath: classpath. The error is: error_info
Explanation: The connector tried to initialize a class loader object based on the specified classpath value so that it could use it to load the driver, but this operation failed.
User response: Ensure that the following requirements are met:
• The classpath value is valid.
All entries in the classpath are valid entries and are separated by a semicolon character.

IIS-CONN-JDBC-00006E The connector entered an invalid execution state.

Explanation: The connector entered an invalid internal execution state and must stop the program execution.

User response: Collect the logs, and contact IBM Software Support.

IIS-CONN-JDBC-00007E The program variable variable_name has a null value, which is not valid in the current context.

Explanation: The connector encountered a null value for the variable_name variable, which is not valid in the current execution state.

User response: Collect the job logs, and contact IBM Software Support.

IIS-CONN-JDBC-00008E The program variable variable_name has the value variable_value which is not valid in the current context.

Explanation: The connector encountered the variable_value value for the variable_name variable, which is not valid in the current code execution context.

User response: Collect the logs, and contact IBM Software Support.

IIS-CONN-JDBC-00009E The connector failed to execute the statement: statement_text. The reported errors are: error_info.

Explanation: The connector requested the driver to execute the specified statement. The operation failed, and the driver reported one or more errors.

User response: If you specified the statement text, ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00010E The column column_name on the link is not referenced by any of the statements performed by the stage.

Explanation: The connector encountered the specified column in the schema for the link, but the connector cannot find a matching parameter in any of the statements that the stage is configured to perform.

User response: Perform one of the following actions:
- Ensure that the specified column on the link is referenced by the statements performed by the stage.
- Remove the column from the link.

IIS-CONN-JDBC-00011E The connector received an error from the driver. The reported error is: error_info.

Explanation: The connector invoked a method on the driver that was expected to complete successfully, but the method failed. The connector cannot handle this error or proceed.

User response: Ensure that the driver is installed and configured correctly. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00012E The connector failed to access the specified file: file_path. The reported error is: error_info.

Explanation: The connector tried to access the specified file in order to retrieve its content, but the operation failed.

User response: Ensure that the specified file exists and that it has read access enabled. For more information, see the full error text: error_info.

IIS-CONN-JDBC-00013E The specified file: file_path must contain a single statement but is either empty or contains multiple statements.

Explanation: The connector tried to access the specified file and it determined that the file does not contain a single statement. A single statement must be present in the file.

User response: Ensure that the specified file contains a single statement.

IIS-CONN-JDBC-00014E The connector failed to set the specified isolation level: isolation_level. The reported error is: error_info.

Explanation: The connector tried to set the specified transaction isolation level for the connection to the data source. The operation failed, and the driver reported an error.

User response: Specify an isolation level that is supported by your driver. To determine which transaction isolation levels are supported, see the documentation for your driver.

IIS-CONN-JDBC-00015E The connector failed to commit the current transaction. The reported error is: error_info.

Explanation: When the connector tried to commit the current transaction, the operation failed, and the driver reported an error.

User response: Ensure that the driver supports transactions and that you specified a supported
IIS-CONN-JDBC-00016E  The connector failed to roll back the current transaction. The reported error is: error_info

Explanation: When the connector tried to roll back the current transaction, the operation failed, and the driver reported an error.

IIS-CONN-JDBC-00017E  The driver configuration file file_name could not be found. This file is a prerequisite for the use of the connector. Refer to the connector documentation for instructions about how to create and configure this file.

Explanation: The connector failed to locate the driver configuration file.

User response: The driver configuration file is required by the connector. The driver configuration file stores class path and class name information for the drivers on the system. For instructions on how to create and set up the driver configuration file, see the connector documentation.

IIS-CONN-JDBC-00018E  The connector failed to access the driver configuration file file_name. The reported error is: error_info

Explanation: The connector successfully located the driver configuration file but was not able to open it and retrieve its content.

User response: Ensure that the driver configuration file has valid structure and that it has enabled read permissions.

IIS-CONN-JDBC-00019E  The connector failed to add missing columns to the output link. The reported error is: error_info

Explanation: The connector was configured to add missing columns to the output link using the runtime column propagation feature. The operation failed and the columns could not be added.

User response: Ensure that the specified table name or statement is valid and points to the existing objects in the data source. For more information, see the full error text: error_info.

IIS-CONN-JDBC-00020E  The specified character set name charset is not supported. The reported error is: error_info

Explanation: The specified character set name for the non-Unicode character is not valid. The connector will not be able to perform character data conversions between non-Unicode and Unicode characters.

User response: Ensure that the specified character set name is valid by selecting the value from the list of supported character set names or by selecting the default character set option. For more information, see the full error text: error_info.

IIS-CONN-JDBC-00021E  The connector detected character set conversion error for the non-Unicode link column column_name. The fetched value could not be converted to character set charset. The reported error is: error_info

Explanation: The connector fetched a value for the specified link column and tried to convert it from Unicode character set to character set charset specified for the non-Unicode columns on the link. The conversion failed.

User response: Ensure that the specified character set is a valid character set and that it can represent all characters that can be present in the fetched values for column column_name.

IIS-CONN-JDBC-00022E  The connector detected character data truncation for the link column column_name. The length of the value is value_length and the length of the column is column_length.

Explanation: The connector received a value for the specified link column and determined that the value length is larger than the maximum length of the link column. The connector reported the error to indicate that the data truncation took place.

User response: Ensure that the column length is sufficiently large to accommodate the largest value for that column. When using non-Unicode columns on the link note that the values are converted to the specified character set for non-Unicode columns. In that case the length of the converted value must not exceed the length of the link column.

IIS-CONN-JDBC-00023E  The connector detected decimal data truncation for the link column column_name. The precision and the scale of the fetched value are value_precision and value_scale and the precision and the scale in the link column definition are column_precision and column_scale.

Explanation: The connector fetched a value for the specified link column and determined that the value precision and scale are larger than the precision and scale of the link column. The connector reported the error to indicate that the data truncation took place.

User response: Ensure that the column precision and scale are sufficiently large to accommodate the largest value for that column.
IIS-CONN-JDBC-00024E  The specified file *file_path* must contain a statement but is empty.

**Explanation:** The connector tried to access the specified file and it determined that the file does not contain any statements. At least one statement must be present in the file.

**User response:** Ensure that the specified file contains at least one statement.

IIS-CONN-JDBC-00025E  The following Before SQL statement failed: *statement_text*. The reported error is *error_info*.

**Explanation:** The connector requested the driver to execute the specified Before SQL statement. The operation failed, and the driver reported an error.

**User response:** Ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00026E  The following Before SQL (node) statement failed: *statement_text*. The reported error is *error_info*.

**Explanation:** The connector requested the driver to execute the specified Before SQL (node) statement. The operation failed, and the driver reported an error.

**User response:** Ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00027E  The following After SQL (node) statement failed: *statement_text*. The reported error is *error_info*.

**Explanation:** The connector requested the driver to execute the specified After SQL (node) statement. The operation failed, and the driver reported an error.

**User response:** Ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00028E  The following After SQL statement failed: *statement_text*. The reported error is *error_info*.

**Explanation:** The connector requested the driver to execute the specified After SQL statement. The operation failed, and the driver reported an error.

**User response:** Ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00029E  The connector requested that the driver set the transaction isolation level to *requested_level*, but the driver responded that the isolation level is set to *actual_level*.

**Explanation:** The connector requested that the driver set the isolation level to *requested_level* and then queried the driver to determine the actual isolation level. The driver responded that the isolation level is *actual_level*.

**User response:** Specify an isolation level that is supported by your driver, or specify the default isolation level option. For information about the transaction isolation levels that are supported, see the documentation for your driver.

IIS-CONN-JDBC-00030E  The following table action statement failed: *statement_text*. The reported error is *error_info*.

**Explanation:** The specified SQL statement failed.

**User response:** Complete one or more of the following steps:

- Check the syntax of the specified statement, and look for any errors in the statement.
- Check the log file for other messages that might contain more information about the error.

IIS-CONN-JDBC-00031E  The connector failed to prepare the statement: *statement_text*. The reported error is: *error_info*.

**Explanation:** The connector requested the driver to prepare the specified statement. The operation failed, and the driver reported an error.

**User response:** If you specified the statement text, ensure that the statement syntax is valid for your data source. For more information, see the documentation for your driver and data source.

IIS-CONN-JDBC-00032E  The bind parameter *parameter_name* does not have a matching column on the input link.

**Explanation:** The connector encountered the specified bind parameter in one of the specified statements, but the connector cannot find a matching column on the input link.

**User response:** Perform the following actions:

- Locate the statements that reference bind parameter *parameter_name*.
- Ensure that the input link contains a column with the same name as the bind parameter, or remove the bind parameter from the statements.
IIS-CONN-JDBC-00033E The connector detected character set conversion error for the non-Unicode link column column_name. The link column value could not be converted from charset character set to Unicode string. The reported error is: error_info

Explanation: The connector tried to convert the value of the specified input link column from the character set charset to the Unicode character set. The conversion failed.

User response: Ensure that the specified character set is one of the supported character sets and that the input value is encoded in that character set.

IIS-CONN-JDBC-00034E The program argument argument_name of the method class_name.method_name has a null value, which is not valid in the current context.

Explanation: The connector encountered a null value for the argument argument_name of the method class_name.method_name, which is not valid in the current execution state.

User response: Collect the job logs, and contact IBM Software Support.

IIS-CONN-JDBC-00035E The program argument argument_name of the method class_name.method_name has the value argument_value which is not valid in the current context.

Explanation: The connector encountered the value argument_value for the argument argument_name of the method class_name.method_name, which is not valid in the current code execution context.

User response: Collect the logs, and contact IBM Software Support.

IIS-CONN-JDBC-00036E The number of question mark characters that represent bind parameters in the statement exceeded the number of input link columns, which is link_column_count.

Explanation: The connector detected that the specified statement contains more bind parameters (question mark characters) than there are columns on the input link. The connector reported an error because each question mark bind parameter must be associated with a unique input link column.

User response: Ensure that the number of bind parameters represented by question mark characters in the statement does not exceed the number of columns on the input link.

IIS-CONN-JDBC-00037E The connector detected binary data truncation for the link column column_name. The length of the value is value_length and the length of the column is column_length.

Explanation: The connector received a value for the specified link column and determined that the value length is larger than the maximum length of the link column. The connector reported the error to indicate that the data truncation took place.

User response: Ensure that the column length is sufficiently large to accommodate the largest value for that column.

IIS-CONN-JDBC-00038E The connector failed to generate the statement_type statement because the link does not contain any key columns.

Explanation: When the connector is configured to generate UPDATE, DELETE or sparse lookup SELECT statement it requires at least one column on the link to be marked as a key column. The connector uses the key columns to produce the WHERE clause of the statement.

User response: Ensure that at least one column on the link is marked as a key column.

IIS-CONN-JDBC-00039E The connector encountered an internal error while executing bulk metadata import. The reported error is: error_info

Explanation: While executing a bulk metadata import operation, the connector encountered an expected error and must stop execution.

User response: Collect the logs, and contact IBM Software Support.

IIS-CONN-JDBC-00040E The key column column_name from the reference link is not present on the input link.

Explanation: While generating the SELECT statement for the sparse lookup operation, the connector encountered the key column column_name on the reference link but could not locate the corresponding column with the same name on the input link.

In parallel jobs the input link is connected to the Lookup stage. The reference link key columns represent bind parameters in the generated WHERE clause of the statement and must have corresponding columns on the input link so that the bind parameters can be initialized with input key values.

User response: Ensure that the key columns on the reference link have matching columns defined on the input link.
IIS-CONN-JDBC-00041E  The connector could not generate the SELECT statement for the view data operation because a table name is not specified.

Explanation: When the connector tried to generate a SELECT statement for the view data operation, a table name was not found in the Table name property.

User response: Ensure that a table is specified in the Table name property.

IIS-CONN-JDBC-00042E  The connector could not complete the view data operation because a Select statement is not specified.

Explanation: When the connector tried to execute the user defined SELECT statement for the view data operation, a statement was not found in the Select statement property.

User response: Ensure that a valid statement is specified in the Select statement property.

IIS-CONN-JDBC-20001W  The connector failed to disconnect from the data source. The reported error is: error_info.

Explanation: The connector tried to close the connection to the data source but the operation failed.

User response: Inspect the error that was reported, and consult your driver documentation to understand the nature of the problem and whether any corrective action is necessary.

IIS-CONN-JDBC-20002W  The link column column_name in the data source result set does not have a matching column in the output link schema for the connector.

Explanation: This message is a notification that the statement specified for the stage includes columns for which there are no corresponding columns on the output link.

User response: No action is required however the performance is negatively affected due to fetching of column values from the data source that are not provided on the output link. To resolve the mismatch either remove the column reference from the statement or add the corresponding column to the output link.

IIS-CONN-JDBC-20003W  The column column_name in the data source result set does not have a matching column in the output link schema for the connector.

Explanation: The connector performed checking for the schema column definitions where it compared the design schema column (on the link) with the external schema column (in the data source). It detected that the currently specified definition for the link column column_name is not the optimal one.

User response: Change the data type of the indicated link column as indicated in the message to resolve the mismatch. You may also choose to ignore the warning if the driver supports providing the value in the format implied by the link column data type. To remove the warning without making changes to the column definitions on the link, disable the schema mismatch reporting option in the connector properties for the link.

IIS-CONN-JDBC-20004I  The connector encountered a Java exception: stack_trace.

Explanation: The connector has caught a Java exception and stack_trace contains the stack trace of the exception. This message typically means that the connector is not able to continue and it is typically followed by an error message.

User response: Inspect the error reported in the stack trace. If the connector continued to run after the message, consult your driver documentation to understand the nature of the problem that was reported and whether you need to take action. If an error message is displayed after this message, perform the action applicable to that error message.
IIS-CONN-JDBC-30005I  The connector could not obtain the driver meta data information.  The reported error is: error_info.

**Explanation:** When the connector queried the driver to obtain the metadata, an error occurred. The connector is not able to log the driver metadata.

**User response:** Inspect the error that was reported, and consult your driver documentation to understand the nature of the problem and whether corrective action is necessary.

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IIS-CONN-JDBC-30006I  The connector could not obtain the data source metadata information. The reported error is: error_info.

**Explanation:** When the connector queried the data source to obtain metadata, an error occurred. The connector cannot log the data source metadata.

**User response:** Inspect the error that was reported, and consult your driver documentation to understand the nature of the problem and whether any corrective action is necessary.

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IIS-CONN-JDBC-30007I  The driver name and version are: driver_name driver_version

**Explanation:** The connector queried the database metadata and obtained the name and version of the associated driver.

**User response:** No action is required.

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IIS-CONN-JDBC-30008I  The data source name and version are: data_source_name data_source_version

**Explanation:** The connector queried the data source metadata and obtained the name and version of the associated data source.

**User response:** No action is required.

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IIS-CONN-JDBC-30009I  The driver JDBC version is: major_version.minor_version

**Explanation:** The connector queried the database metadata and obtained the JDBC version of the associated driver.

**User response:** No action is required.

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IIS-CONN-JDBC-30010I  The connector will run the following statement on the data source: statement_text

**Explanation:** The connector will run the specified statement on the data source.

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IIS-CONN-JDBC-30011I  The connector changed the batch size from original_batch_size to modified_batch_size because the specified record count value record_count must be a multiple of the batch size value.

**Explanation:** The connector changed the batch size from original_batch_size to modified_batch_size to ensure that the record count value record_count is a multiple of the value of the batch size.

**User response:** No action is required. To eliminate the message, set the Record count property to value 0. Alternatively, ensure that the Record count property value is a multiple of the Batch size property value by adjusting one or both of them.

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IIS-CONN-JDBC-30012I  The connector was configured to run on node_count processing nodes but it does not support partitioned reads. The connector will enforce sequential execution for the stage.

**Explanation:** This message is a notification that the parallel configuration file in effect for the job specifies multiple processing nodes for this stage. Since partitioned reads are not supported by this connector, the connector enforced sequential execution on a single processing node.

**User response:** No action is required. To remove the message from the log, ensure that the stage is running on a single processing node by specifying a single node in the node configuration for the stage or by setting the execution mode for the stage to sequential.

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IIS-CONN-JDBC-30013I  The transaction isolation level is set to: isolation_level

**Explanation:** The specified isolation level is used for the connection that the connector established to the data source.

**User response:** No action is required.

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IIS-CONN-JDBC-30014I  The connector could not determine the transaction isolation level.

**Explanation:** The connector tried to obtain the effective transaction isolation level for the connection that the connector established to the data source, but the driver returned an error.

**User response:** If the driver does not support setting an isolation level, no action is required. If the driver supports setting an isolation level, run the job with the CC_MSG_LEVEL environment variable set to 2 to obtain a debug-level job log. The job log will contain details about the error that the driver returned when the connector requested the current isolation level.
IIS-CONN-JDBC-30015I  The autocommit mode is enabled.

Explanation: Autocommit mode is enabled for the connection that is established to the data source.

User response: No action is required.

IIS-CONN-JDBC-30016I  The autocommit mode is disabled.

Explanation: Autocommit mode is disabled for the connection that is established to the data source.

User response: No action is required.

IIS-CONN-JDBC-30017I  The connector could not determine the autocommit mode value.

Explanation: The connector tried to set and then determine the value of the autocommit mode, but the driver returned an error.

User response: If the driver does not support setting autocommit mode, no action is required. If the driver supports autocommit mode, run the job with the `CC_MSG_LEVEL` environment variable set to 2 to obtain the debug level job log. The job log will contain details about the error that the driver returned when the connector tried to set and read the autocommit mode.

IIS-CONN-JDBC-30018I  The fetch size is set to `fetch_size`.

Explanation: When the connector executes a statement, the connector will use the specified fetch size.

User response: No action is required.

IIS-CONN-JDBC-30019I  The connector could not determine the value for the fetch size.

Explanation: This message is an indication that the connector tried to set and then determine the effective fetch size, but the driver returned an error.

User response: No action is required if the driver does not support setting the fetch size. If the driver supports setting the fetch size, run the job with the `CC_MSG_LEVEL` environment variable set to 2 to obtain debug level job log. The job log will contain the details about the error that the driver returned when the connector tried to set and read the fetch size.

IIS-CONN-JDBC-30020I  Number of rows fetched on the current node: `number_of_rows`.

Explanation: The specified number of rows were fetched on the current node.

User response: No action is required.

IIS-CONN-JDBC-30021I  The character set encoding for the non-Unicode character values on the link is `charset`. The maximum number of bytes per character in this encoding is `max_bytes`.

Explanation: This message indicates the character set encoding of the values in non-Unicode character columns on the link. This character set encoding is used to perform character data conversions between the non-Unicode link column values and Unicode data source column values.

User response: No action is required. Note that the length for a non-Unicode character column on the link needs to be multiplied by the number of bytes per character to prevent possible truncation of Unicode values of that same length. Alternatively, the non-Unicode character link column need to be replaced with the Unicode character link columns. Non-unicode character link columns as Char, VarChar and LongVarChar columns for which Extended attribute is not set to Unicode. Unicode character links columns are NChar, NVarChar and LongNVarChar columns, as well as Char, VarChar and LongVarChar columns for which Extended attribute is set to Unicode.

IIS-CONN-JDBC-30022I  The connector ran the specified Before SQL statement.

Explanation: The connector successfully executed all the statements in the `Before SQL statement` property.

User response: No action is required.

IIS-CONN-JDBC-30023I  The connector ran the specified Before SQL (node) statement.

Explanation: The connector successfully executed all the statements in the `Before SQL (node) statement` property.

User response: No action is required.

IIS-CONN-JDBC-30024I  The connector ran the specified After SQL (node) statement.

Explanation: The connector successfully executed all the statements in the `After SQL (node) statement` property.

User response: No action is required.

IIS-CONN-JDBC-30025I  The connector ran the specified After SQL statement.

Explanation: The connector successfully executed all the statements in the `After SQL statement` property.

User response: No action is required.
IIS-CONN-JDBC-30026I  The file that is specified in the Before SQL statement property does not contain an SQL statement.

Explanation:  The connector was configured to read the Before SQL statement from a file, but no statements were detected in the file.

User response:  No action is required. If you expected a Before SQL statement to be run, ensure that the file that is specified in the Before SQL statement property contains a statement.

IIS-CONN-JDBC-30027I  The file that is specified in the Before SQL (node) statement property does not contain an SQL statement.

Explanation:  The connector was configured to read the Before SQL (node) statement from a file, but no statements were detected in the file.

User response:  No action is required. If you expected a Before SQL (node) statement to be run, ensure that the file that is specified in the Before SQL (node) statement property contains a statement.

IIS-CONN-JDBC-30028I  The file that is in the After SQL (node) statement property does not contain an SQL statement.

Explanation:  The connector was configured to read the After SQL (node) statement from a file, but no statements were detected in the file.

User response:  No action is required. If you expected an After SQL (node) statement to be run, ensure that the file specified in the After SQL (node) statement property contains a statement.

IIS-CONN-JDBC-30029I  The file that is in the After SQL statement property does not contain an SQL statement.

Explanation:  The connector was configured to read the After SQL statement from a file, but no statements were detected in the file.

User response:  No action is required. If you expected an After SQL statement to be run, ensure that the file specified in the After SQL statement property contains a statement.

IIS-CONN-JDBC-30030I  The connector generated the following statement at run time: statement_text.

Explanation:  The JDBC connector automatically generated the specified SQL statement based on the specified table and the column definitions in the schema for the link.

User response:  No action is required.

IIS-CONN-JDBC-30031I  The connector ran the statement: statement_text.

Explanation:  The JDBC connector ran the specified SQL statement for a table action.

User response:  No action is required.

IIS-CONN-JDBC-30032I  The connector created the table table_name.

Explanation:  The JDBC connector created the table_name table.

User response:  No action is required.

IIS-CONN-JDBC-30033I  The connector dropped the table table_name.

Explanation:  The JDBC connector dropped the table_name table.

User response:  No action is required.

IIS-CONN-JDBC-30034I  The connector truncated the table table_name.

Explanation:  The JDBC connector truncated the table_name table.

User response:  No action is required.

IIS-CONN-JDBC-30035I  The connector will ignore the column column_name on the link because it is not referenced by any of the statements performed by the stage.

Explanation:  The connector encountered the specified column in the schema for the link, but the connector cannot find a matching parameter in any of the statements that the stage is configured to perform. The connector will continue and will omit processing this field because it is configured to drop the unmatched fields on the link.

User response:  No action is required. To stop the message from showing up in the log perform one of the following actions:

• Ensure that the specified column on the link is referenced by the statements that are specified for the stage.

• Remove the column from the link.

IIS-CONN-JDBC-30036I  The driver does not support batch updates. The connector will enforce the batch size value of 1.

Explanation:  The connector queried the driver and determined that the driver does not support batch updates. The batch size for the connector was set to a value larger than 1. The connector will enforce the batch size value of 1 and will submit input records to
the data source one at a time.

User response: No action is required. To stop the message from showing up in the log, set the batch size property value to 1.

---

IIS-CONN-JDBC-30037I Number of rows inserted on the current node: number_of_rows.

Explanation: The specified number of rows were inserted on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30038I Number of rows updated on the current node: number_of_rows.

Explanation: The specified number of rows were updated on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30039I Number of rows deleted on the current node: number_of_rows.

Explanation: The specified number of rows were deleted on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30040I Number of records processed by the custom statements on the current node: number_of_records.

Explanation: The specified number of input records were processed by the custom (user-defined) set of statements on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30041I Number of records processed by the lookup statement on the current node: number_of_records.

Explanation: The specified number of input records were processed by the lookup statement on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30042I The driver could not determine the number of rows inserted on the current node.

Explanation: For at least one input record the driver reported that the number of rows inserted in the data source is unknown. Consequently, the connector is not able to report the total number of rows inserted on the current node.

User response: No action is required. If necessary to obtain the information about the number of rows inserted in the data source try one of the following: use a different version of the driver, use different data types on the link and the target table, set the batch size to 1.

---

IIS-CONN-JDBC-30043I The driver could not determine the number of rows updated on the current node.

Explanation: For at least one input record the driver reported that the number of rows updated in the data source is unknown. Consequently, the connector is not able to report the total number of rows updated on the current node.

User response: No action is required. If necessary to obtain the information about the number of rows updated in the data source try one of the following: use a different version of the driver, use different data types on the link and the target table, set the batch size to 1.

---

IIS-CONN-JDBC-30044I The driver could not determine the number of rows deleted on the current node.

Explanation: For at least one input record the driver reported that the number of rows deleted from the data source is unknown. Consequently, the connector is not able to report the total number of rows deleted on the current node.

User response: No action is required. If necessary to obtain the information about the number of rows deleted from the data source try one of the following: use a different version of the driver, use different data types on the link and the target table, set the batch size to 1.

---

IIS-CONN-JDBC-30045I Number of records processed by the lookup statement on the current node: number_of_records.

Explanation: The specified number of input records were processed by the lookup statement on the current node.

User response: No action is required.

---

IIS-CONN-JDBC-30046I The connector changed the batch size from original_batch_size to 1 to ensure proper record processing based on the specified record ordering for the stage.

Explanation: The connector changed the batch size from original_batch_size to 1 to ensure that the specified order in which records are processed across multiple input links functions correctly. This happens when the Batch size property for the link is set to a value larger than 1 and the Record ordering property for the stage is set to a value other than All records.

User response: No action is required. To eliminate the message, set the Batch size property for the link to value 1.
Alternatively, set the **Record ordering** property for the stage to value **All records**.
Appendix A. Product accessibility

You can get information about the accessibility status of IBM® products.

The IBM InfoSphere® Information Server product modules and user interfaces are not fully accessible. The installation program installs the following product modules and components:

- IBM InfoSphere Business Glossary
- IBM InfoSphere Business Glossary Anywhere
- IBM InfoSphere DataStage®
- IBM InfoSphere FastTrack
- IBM InfoSphere Information Analyzer
- IBM InfoSphere Information Services Director
- IBM InfoSphere Metadata Workbench
- IBM InfoSphere QualityStage®

For information about the accessibility status of IBM products, see the IBM product accessibility information at [http://www.ibm.com/able/product_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html).

Accessible documentation

Accessible documentation for InfoSphere Information Server products is provided in an information center. The information center presents the documentation in XHTML 1.0 format, which is viewable in most Web browsers. XHTML allows you to set display preferences in your browser. It also allows you to use screen readers and other assistive technologies to access the documentation.

The documentation that is in the information center is also provided in PDF files, which are not fully accessible.

IBM and accessibility

See the IBM Human Ability and Accessibility Center for more information about the commitment that IBM has to accessibility.
Appendix B. Reading command-line syntax

This documentation uses special characters to define the command-line syntax.

The following special characters define the command-line syntax:

[] Identifies an optional argument. Arguments that are not enclosed in brackets are required.

... Indicates that you can specify multiple values for the previous argument.

| Indicates mutually exclusive information. You can use the argument to the left of the separator or the argument to the right of the separator. You cannot use both arguments in a single use of the command.

{} Delimits a set of mutually exclusive arguments when one of the arguments is required. If the arguments are optional, they are enclosed in brackets ({}).

Note:
- The maximum number of characters in an argument is 256.
- Enclose argument values that have embedded spaces with either single or double quotation marks.

For example:

**wsetsrc**[-S server] [-l label] [-n name] source

The *source* argument is the only required argument for the *wsetsrc* command. The brackets around the other arguments indicate that these arguments are optional.

**wlsac** [-l | -f format] [key...] profile

In this example, the -l and -f format arguments are mutually exclusive and optional. The *profile* argument is required. The *key* argument is optional. The ellipsis (...) that follows the *key* argument indicates that you can specify multiple key names.

**wrb -import** rule_pack | rule_set...

In this example, the *rule_pack* and *rule_set* arguments are mutually exclusive, but one of the arguments must be specified. Also, the ellipsis marks (...) indicate that you can specify multiple rule packs or rule sets.
Appendix C. How to read syntax diagrams

The following rules apply to the syntax diagrams that are used in this information:

- Read the syntax diagrams from left to right, from top to bottom, following the path of the line. The following conventions are used:
  - The >>--- symbol indicates the beginning of a syntax diagram.
  - The ---> symbol indicates that the syntax diagram is continued on the next line.
  - The >--- symbol indicates that a syntax diagram is continued from the previous line.
  - The --->< symbol indicates the end of a syntax diagram.
- Required items appear on the horizontal line (the main path).

>>>required_item

- Optional items appear below the main path.

>>>required_item
  <optional_item>

If an optional item appears above the main path, that item has no effect on the execution of the syntax element and is used only for readability.

>>>required_item
  <optional_item>

- If you can choose from two or more items, they appear vertically, in a stack.
  If you must choose one of the items, one item of the stack appears on the main path.

>>>required_item
  <required_choice1>
  <required_choice2>

If choosing one of the items is optional, the entire stack appears below the main path.

>>>required_item
  <optional_choice1>
  <optional_choice2>

If one of the items is the default, it appears above the main path, and the remaining choices are shown below.

>>>required_item
  <default_choice>
  <optional_choice1>
  <optional_choice2>

- An arrow returning to the left, above the main line, indicates an item that can be repeated.
If the repeat arrow contains a comma, you must separate repeated items with a comma.

A repeat arrow above a stack indicates that you can repeat the items in the stack.

- Sometimes a diagram must be split into fragments. The syntax fragment is shown separately from the main syntax diagram, but the contents of the fragment should be read as if they are on the main path of the diagram.

**Fragment-name:**

- Keywords, and their minimum abbreviations if applicable, appear in uppercase. They must be spelled exactly as shown.
- Variables appear in all lowercase italic letters (for example, column-name). They represent user-supplied names or values.
- Separate keywords and parameters by at least one space if no intervening punctuation is shown in the diagram.
- Enter punctuation marks, parentheses, arithmetic operators, and other symbols, exactly as shown in the diagram.
- Footnotes are shown by a number in parentheses, for example (1).
Appendix D. Contacting IBM

You can contact IBM for customer support, software services, product information, and general information. You also can provide feedback to IBM about products and documentation.

The following table lists resources for customer support, software services, training, and product and solutions information.

Table 1. IBM resources

<table>
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<th>Resource</th>
<th>Description and location</th>
</tr>
</thead>
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<tr>
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<td>You can customize support information by choosing the products and the topics that</td>
</tr>
<tr>
<td>Software services</td>
<td>You can find information about software, IT, and business consulting services, on the</td>
</tr>
<tr>
<td>My IBM</td>
<td>You can manage links to IBM Web sites and information that meet your specific technical</td>
</tr>
<tr>
<td></td>
<td>support needs by creating an account on the My IBM site at <a href="http://www.ibm.com/account/">www.ibm.com/account/</a></td>
</tr>
<tr>
<td>Training and certification</td>
<td>You can learn about technical training and education services designed for individuals,</td>
</tr>
<tr>
<td></td>
<td>companies, and public organizations to acquire, maintain, and optimize their IT skills at <a href="http://www.ibm.com/software/sw-training/">http://www.ibm.com/software/sw-training/</a></td>
</tr>
</tbody>
</table>
Appendix E. Accessing and providing feedback on the product documentation

Documentation is provided in a variety of locations and formats, including in help that is opened directly from the product client interfaces, in a suite-wide information center, and in PDF file books.

The information center is installed as a common service with IBM InfoSphere Information Server. The information center contains help for most of the product interfaces, as well as complete documentation for all the product modules in the suite. You can open the information center from the installed product or from a Web browser.

**Accessing the information center**

You can use the following methods to open the installed information center.

- Click the **Help** link in the upper right of the client interface.

  **Note:** From IBM InfoSphere FastTrack and IBM InfoSphere Information Server Manager, the main Help item opens a local help system. Choose **Help > Open Info Center** to open the full suite information center.

- Press the F1 key. The F1 key typically opens the topic that describes the current context of the client interface.

  **Note:** The F1 key does not work in Web clients.

- Use a Web browser to access the installed information center even when you are not logged in to the product. Enter the following address in a Web browser: `http://host_name:port_number/infocenter/topic/com.ibm.swg.im.iis.productization.iisinfsv.home.doc/ic-homepage.html`. The `host_name` is the name of the services tier computer where the information center is installed, and `port_number` is the port number for InfoSphere Information Server. The default port number is 9080. For example, on a Microsoft® Windows® Server computer named `iisdocs2`, the Web address is in the following format: `http://iisdocs2:9080/infocenter/topic/com.ibm.swg.im.iis.productization.iisinfsv.nav.doc/dochome/iisinfsrv_home.html`.


**Obtaining PDF and hardcopy documentation**

- A subset of the PDF file books are available through the InfoSphere Information Server software installer and the distribution media. The other PDF file books are available online and can be accessed from this support document: [https://www.ibm.com/support/docview.wss?uid=swg27008803&wv=1](https://www.ibm.com/support/docview.wss?uid=swg27008803&wv=1)

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Providing comments on the documentation

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• Send your comments by using the online readers’ comment form at www.ibm.com/software/awdtools/rcf/

• Send your comments by e-mail to comments@us.ibm.com. Include the name of the product, the version number of the product, and the name and part number of the information (if applicable). If you are commenting on specific text, include the location of the text (for example, a title, a table number, or a page number).

• You can provide general product feedback through the Consumability Survey at http://www.ibm.com/software/ucd/consumability/
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