Before using this information and the product that it supports, read the information in "Notices and trademarks" on page 15.
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Unstructured Data stage Messages

This message reference includes the messages that are returned by various components of the Unstructured Data stage.

You must be familiar with the functions of the operating system where the Unstructured Data stage 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 parallel engine generates messages that relate to errors that occur during installation, file writing and reading, and general product usage. The message information describes the types of errors, explains why they occurred, and provides solutions to them.

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.

The symbol {0} appears throughout the messages, and indicates a variable that is returned by the code. This variable represents either a value or a property that is specific to the generated message.

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

IIS-CONN-UNST-02001E File name specified by the user does not exist.

Explanation: A file that does not exist is specified as File name.

User response: Specify valid file name.

IIS-CONN-UNST-02002E The Microsoft Excel workbook in file File name specified by the user cannot be read. Detailed information of the error

Explanation: An error occurred while reading the specified file.

User response: Review the detailed information and check for errors.

IIS-CONN-UNST-02004E The Microsoft Excel cell with the data type Excel data type of the cell that is being extracted value Value of the cell that is being extracted cannot be extracted to the column with data type DataStage data type mapped to the cell.

Explanation: The data type of excel cell which is being extracted does not compatible with the data type of DataStage column.

User response: Change the data type of the column.

IIS-CONN-UNST-02005I The column header is blank or contains a null value.

Explanation: Column header is set to 'First row of data ranges' but the value of the first row is blank or null which is not appropriate as header.

User response: Use a template file that has a valid header value.

IIS-CONN-UNST-02006E An internal error occurred. Contact IBM Software Support. The error code is Internal error code in integer. Detailed error message

Explanation: An unexpected internal error occurred.

User response: Gather the logs and contact IBM Software Support.
IIS-CONN-UNST-02007E  The property "Property name" cannot be extracted to the column with data type DataStage data type mapped to the property.

Explanation: The data type is not supported to extract specified property.

User response: Change the data type of the column.

IIS-CONN-UNST-02008E  Column mapping is not defined. Configure the column mapping.

Explanation: Column mapping is not configured.

User response: Click Configure button and define column mapping.

IIS-CONN-UNST-02009E  Column mapping is not defined for column Column name that does not have mapping. Configure the column mapping.

Explanation: Column mapping is not defined for the column.

User response: Click Configure button and define column mapping for the column.

IIS-CONN-UNST-02010E  The cell position Cell position specified by the user is not valid.

Explanation: The specified cell position is not valid.

User response: Specify a valid cell position.

IIS-CONN-UNST-02012E  The cell value cannot be extracted to the column with data type DataStage data type mapped to the cell.

Explanation: The data type of the column is not supported to extract Excel cell value.

User response: Change the data type.

IIS-CONN-UNST-02015E  No file matches the expression File name expression specified by the user.

Explanation: Wildcard is used in file name, and no file matches the expression.

User response: Specify a valid expression.

IIS-CONN-UNST-02016E  The column Column name that Unstructured Data stage attempts to create already exists. The column name is reserved by the Unstructured Data stage when runtime column propagation is enabled. Rename the column.

Explanation: Runtime column propagation is enabled and Unstructured Data stage attempts to create a column with name Column name that Unstructured Data stage attempts to create. However, a column with the same name already exists.

User response: Change the name of the existing column.

IIS-CONN-UNST-02017E  Runtime column propagation is enabled, but no columns were found in the specified data range.

Explanation: Runtime column propagation is enabled but no columns were found.

User response: Ensure the file or sheet is not empty.

IIS-CONN-UNST-02023E  The custom property Custom property name specified by user with data type The type of custom property cannot be extracted to a column with data type DataStage data type mapped to the custom property. Change the data type of the column.

Explanation: The data type of custom property which is being extracted does not compatible with the data type of DataStage column.

User response: Change the data type of the column.

IIS-CONN-UNST-02024E  The custom property Custom property name specified by user was not found.

Explanation: The specified custom property does not exist.

User response: Specify a valid custom property.

IIS-CONN-UNST-02026E  File File name specified by the user read access denied.

Explanation: Unable to get read access to the file

User response: Ensure that the user have permission to read the file.

IIS-CONN-UNST-02028E  Failed to get data range. Detailed information of the error

Explanation: An error occurred while getting data range to extract.

User response: Review the detailed information and check for errors.
IIS-CONN-UNST-02029I  The column header value
First row value of the data range being extracted in the data range Data range expression that is being extracted position
Relative position number in integer starting from 1 does not match the column header value First row value of template data range.

Explanation:  First row is header, but header value of data range that is being extracted and header value of template data range do not match.
User response:  Use a template data range that has same header value as the data range being extracted.

IIS-CONN-UNST-02030I  The length of column Name of the column cannot be validated because character set conversion is involved. Truncation may occur without warning.

Explanation:  The column has limited length, but you cannot validate the non-Unicode column length completely because it involves character set conversion. Truncation may occur without warning when the column length is not sufficient.
User response:  Define the column as Unicode or do not specify the column length.

IIS-CONN-UNST-02031W  The length of column Name of the column is not sufficient to extract value Value of the column which is being extracted. The value is truncated.

Explanation:  The length of the actual value is longer than the maximum length of the column definition. As a result, the value is truncated.
User response:  Specify the column length that is sufficient to extract the value.

IIS-CONN-UNST-02215W  An error occurred when reading the specified file. Optional information on the error

Explanation:  An error occurred while reading the specified file.
User response:  Review the detailed information following this message and check for errors.

IIS-CONN-UNST-02219W  The sheet Sheet name specified by the user was not found in the file File name specified by the user.

Explanation:  The specified sheet in the range expression was not found in the file.
User response:  Specify valid sheet name.
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.

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

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<th>Description and location</th>
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<td>IBM Support Portal</td>
<td>You can customize support information by choosing the products and the topics that interest you at <a href="http://www.ibm.com/support/entry/portal/Software/Information_Management/InfoSphere_Information_Server">www.ibm.com/support/entry/portal/Software/Information_Management/InfoSphere_Information_Server</a></td>
</tr>
<tr>
<td>Software services</td>
<td>You can find information about software, IT, and business consulting services, on the solutions site at <a href="http://www.ibm.com/businesssolutions/">www.ibm.com/businesssolutions/</a></td>
</tr>
<tr>
<td>My IBM</td>
<td>You can manage links to IBM Web sites and information that meet your specific technical 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, 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.

A subset of the information center is also available on the IBM Web site and periodically refreshed at http://publib.boulder.ibm.com/infocenter/iisinfsv/v8r7/index.jsp.

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

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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).
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