Sort job

Sort job is a default Switch app that offers various schemes for sorting incoming jobs across its outgoing connections depending on metadata associated with the jobs.

For each job the tool determines the value of the specified metadata field and compares this value with the names of the outgoing connections. If a match is found, the job is moved along that connection. Otherwise the job is moved along the outgoing data error connection, or if there is no such connection, it is moved to the problem jobs folder.

> **Note:** This flow element has become redundant and should only be used for maintenance reasons. Sorting jobs can be done (much faster and easier) by defining a condition with variables on a connection. Refer to *Defining a condition with variables* in the *Switch Reference Guide*.

Keywords

Keywords can be used with the search function above the Elements pane.

The keywords for the **Sort job** element are:

- metadata
- switch
- route

Connections

Sort job supports outgoing traffic light connections of the following types:

- Success out: the name of each connection is matched with the value of the job's metadata field; if a match is found, the job is moved along that connection.

- Error out(optional): if no match is found the job is moved along this connection; if there is no such connection, the job is moved to the problem jobs folder.

Properties

Property	Description
Element type	The flow element type: Sort job. This property is useful to identify renamed flow elements. It cannot be changed.
Name	The name of the flow element displayed in the canvas

Property	Description
Description	A description of the flow element displayed in the canvas. This description is also shown in the tooltip that appears when moving your cursor over the flow element
Scheme	Determines the scheme used to specify a metadata value: • Direct: use variables or a script expression to calculate a value • Location path • Key/value pair
Value	The value to be used for sorting the job
Dataset	The name of the metadata dataset to query; Default means the embedded dataset
Data model	The data model used for querying the dataset (one of XMP, JDF, XML); this must match the data model of the dataset except that XML can be specified to query JDF
Location path	The location path pointing at the value to be used for sorting the job (for XML this can be an arbitrary XPath expression)
Array location path	The location path pointing at the array containing the key/value pairs
Key name	The name of the key field
Key contents	The value of the key
Value name	The name of the value field