Ungroup job

Ungroup job is a default Switch app that, in combination with assemble job, provides a way to keep track of files that belong together while they are being processed separately.

Ungroup job injects all files from a job folder into the flow as separate jobs. After these files have been processed through the flow (and possibly were renamed), assemble job can reassemble them into a new job folder with a structure similar to the original one, with provisions for injecting additional files and for dealing with incomplete jobs or orphaned files.

Keywords

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

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

- hierarchy
- folder
- subfolder
- ungroup
- group
- assemble
- disassemble

Usage examples

- Split a multi-page PDF file in separate pages; process each page separately through one or more applications that can deal only with a single page at a time; recombine the pages in a job folder; merge the pages into a single PDF file.

- Receive a job folder that contains a nested structure of related files; disassemble the folder into separate files; sort the files on file type and put them through some different process depending on the file type; re-assemble the files into a job folder with a structure that is identical to the incoming job folder.

Connections

Ungroup job allows only a single outgoing connection.

Properties

Property	Description
Element type	The flow element type: Ungroup job.

Property	Description
	This property is useful to identify renamed flow elements. It cannot be changed.
Name	The name of the flow element displayed in the canvas
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.
Private data key	The first portion of the private data key used to store the information for reassembling the job later on Varying this value here and in assemble job allows: • Ensuring that a job is reassembled by the intended assembler • Nesting ungroup/reassemble operations

Private data

Ungroup job stores the following information in the internal job ticket for each injected job file, for use by assemble job:

Private data key	Stored value
<key>.JobID	The unique name prefix of the incoming parent job
<key>.JobName	The name of the incoming parent job (without prefix)
<key>.NumFiles	The total number of files injected in the flow for this parent job
<key>.FileName	The name of this file as injected in the flow
<key>.FilePath	The relative path of this file within the parent job folder