

# JSON pickup



JSON pickup is a default Switch app that allows you to associate an arbitrary JSON string with a job as metadata. The tool attaches the JSON string as a JSON (JavaScript Object Notation) dataset or an XML dataset (depending on the value of the *Pickup result* property), so the content becomes accessible in Switch.

## Keywords

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

The keywords for the **JSON pickup** element are:

- metadata
- dataset
- asset

## Connections

JSON pickup allows only a single outgoing connection.

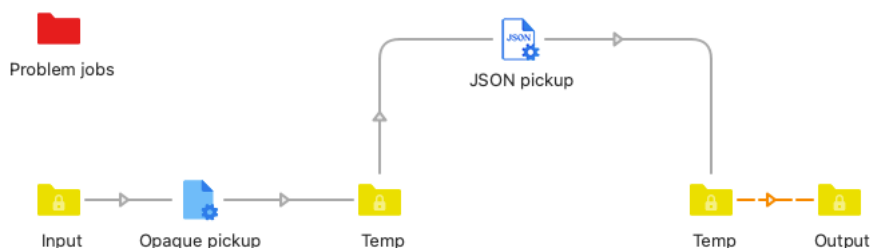
## Properties

Property	Description
Element type	The flow element type: JSON pickup 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.
Pickup mode	This option specifies how the metadata will be supplied. There are 4 pickup mechanisms possible: <ul style="list-style-type: none"> <li>• <b>Metadata alongside asset:</b> The metadata file is passed along with the asset file. In the subordinate properties you must specify the metadata filename pattern and the time after which a file is considered orphaned if it can't be matched to a counterpart.</li> </ul>

Property	Description
	<ul style="list-style-type: none"> <li>• <b>Metadata in job folder asset:</b> The metadata file is present inside the job folder. In the subordinate properties you must specify the metadata file filters (so the tool can find the metadata) and at what level it is stored.</li> <li>• <b>Metadata is opaque dataset:</b> The metadata is supplied as an opaque dataset. In the subordinate properties, you must specify the name of the opaque dataset.</li> <li>• <b>Metadata is asset:</b> The JSON string is available in a text file on its own.</li> </ul> <p>For more info about these mechanisms, see <i>Pickup modes</i> in the <a href="#">Switch Reference Guide</a>. Note that there's also an <a href="#">eLearning course</a> about the metadata tools.</p>
Pickup result	<p>Options:</p> <ul style="list-style-type: none"> <li>• <b>Legacy app XML:</b> The dataset will be attached as an XML dataset. The XML will have the same format as the XMLs created by the paying JSON pickup app.</li> <li>• <b>XML:</b> The dataset will be attached as an XML dataset. The XML will have a new format (specific for the default JSON pickup app).</li> <li>• <b>JSON:</b> The dataset will be attached as a JSON dataset.</li> </ul>

### Example

In this example, a JSON input file will first be converted to an opaque dataset using *Opaque pickup*. This opaque dataset is then picked up by *JSON pickup* and saved as a JSON dataset.



Property	Value
Element type	JSON pickup
<b>Name</b>	JSON pickup
<b>Description</b>	
<b>Pickup mode</b>	Metadata is opaque dataset
<i><b>Opaque dataset name</b></i>	Opaquedataset
<b>Dataset name</b>	JSON
<b>Pickup Result</b>	JSON

You can now browse this JSON dataset through the Build location path dialog in Switch.

**Build location path**

Show sample jobs Q-

Name	Size	Type	Modified	Job prefix	Flow element
samplejson	---	Folder	29/04/2022 ...	000HH	Temp

**Metadata dataset**

Embedded

External

- JSON
- Opaquedataset

**Location path syntax**

- XMP location path
- XML location path
- JDF location path
- XPath expression
- JSON Pointer

The data selected by the specified location path will be interpreted as 'Text'

**JSON Pointer**

**JSON data tree**

Key	Value
address	
city	New York
postalCode	10021
state	NY
streetAddress	21 2nd Street
age	25
firstName	John