XMP pickup

XMP pickup is a default Switch app that allows associating an XMP packet with a job as metadata. It supports the following pickup mechanisms:

- Metadata embedded in asset (the default location for an XMP packet)

- Metadata alongside asset

- Metadata in job folder asset

- Metadata is asset

Keywords

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

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

- metadata
- dataset
- asset
- ticket
- adticket

Data model

The metadata source must be an Adobe XMP packet or a standalone XMP file conforming to the Adobe XMP specification dated June 2005. The dataset data model is XMP.

Connections

XMP pickup allows only a single outgoing connection.

Properties

Property	Description
Element type	The flow element type: XMP 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

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
Dataset name	A name for the set of metadata picked up by this tool; see picking up metadata
Pickup mode	The pickup mechanism; one of: • Metadata embedded in asset • Metadata alongside asset • Metadata in job folder asset • Metadata is asset

Additional properties are shown depending on the selected pickup mode; for more information, refer to *Pickup modes* in the *Switch Reference Guide*.

Locating XMP packets

The mechanism for embedding XMP packets in a file is also described in detail in the Adobe XMP specification mentioned above.

There are two distinct methods to locate XMP packets embedded in a file:

•   Scan the complete file for the magic markers at the head and tail of a packet: this works for any file format, but may possibly locate the wrong packet in case a composite document contains multiple packets.

•   Interpret the file format's structure to track down the packet: this guarantees that the correct packet has been located and it is usually much faster, but it requires a specific algorithm for each distinct file format.

The XMP pickup tool interprets the file format for a number of supported file formats, and scans the complete file for all other file formats.

Synchronizing with EXIF and IPTC

For certain supported file formats the values of binary EXIF and IPTC tags can be merged with the embedded XMP packet before it is picked up. See the "Synchronize EXIF/IPTC fields" property for the embedded pickup mechanism.