

# XL TO XML PLUS

## Description

This app parses data in an Excel document into usable data in Switch.

## Output data types

The app is designed to output XML or JSON from a Microsoft Excel document submitted to the flow.

## Output schemes for data

There are various schemes for outputting the XML or JSON data, by setting the appropriate configuration for the app. The output schemes are either By Row, By Worksheet, or By Workbook.

For the Header Row Is Elsewhere option, only output By Row & only the first worksheet found, is supported.

## Features of the app

- Private data is added to the outgoing job for tracking the number of rows output from a workbook (**totalNumberOfRows**) & the number of rows output per worksheet (**worksheetRowsTotal**). This allows the triggering of assembly structures downstream of the Excel parser.
- Empty rows are not output by default.
- There is the ability to choose which line a header row is found in with the Header Row Is Elsewhere option set.
- The values of the header row are filtered for illegal characters. Only alphanumeric characters are allowed in the headers. Illegal characters replace by underscore.
- Headers can be formulas.
- If there is no header row, the keys for the data will be the column name in the spreadsheet (A,B,...,AA,AB,...).

## Overview of configurator options

Element	Options	Element Type	Description
Name		String	Name of script element in Switch.
Description		String	Description of element in Switch.
Set the output format of the data	xml,json	String	Data set name attached to XML or JSON output.
Output by row, worksheet or workbook	<b>By Row</b> ;By Worksheet;By Worksheet	Drop down list	Set how the data is to be output, by row, by each worksheet, or entire workbook.
Is there a header row?	First Row Is Header;Header Row Is Elsewhere;No Header Row	Drop down list	Header Row Is Elsewhere only shown if output By Row.
Row number of header		Single line text	Indicate row number in Excel doc that header is found. <b>Only shown if Header Row Is Elsewhere is Yes</b>
Add custom name to default			Indicate if custom name to be used for adding as a prefix to the default name of the file/s output.
Designate 1st part of name		Number	1 based number of the column value to use.
Designate 2nd part of name		Number	1 based number of the column value to use.
Character to join name			Character used to join names.
Set custom name for worksheet/workbook		No/Yes list	Indicate if custom name to be added to the to the default name of the file/s output by the various options listed below. <b>Used for output methods By Worksheet &amp; By Workbook.</b>
Set type of custom rename	<b>Set prefix</b> ;Set suffix;Replace name proper	Drop down list	Set how custom name is to be used for rename
Custom value for empty cells		Single-line text; Single-line text with variables	Set string to be used to populate empty cells.
Set custom string		String	Set value of custom string.
Dataset name		String	Name of dataset attached to output files. Dataset type follows the type of file output from app.
Private Data Prefix	<b>exPDData</b> (default)	String	Private data called <b>totalNumberOfRows</b> which is the count of the number of rows output for the entire workbook is attached to the job going out. A record of the number of the rows on the worksheet is added onto a key called <b>worksheetRowsTotal</b> to the relevant records of a worksheet.
Set string date format	dd-mm-yy <b>dd-mm-yyyy</b> (default) dd-mm-yyyy--hh-mm-ss mm-dd-yy mm-dd-yyyy mm-dd-yyyy--hh-mm-ss hh-mm-ss	Drop down list	Set how validly formatted data cell data is output to string format