

DataLogger

Description

The ASI DataLogger app for Switch is a tool to save information to a CSV (comma, tab or pipe delimited) text file.

Compatibility

Compatible with: Mac or Windows

Compatible with Switch: Switch 13 update 1 and later

Connections

This app allows for multiple output connectors.

Properties detailed info

Log file location: This is the location (folder) where the log file will be saved. If there is an existing file with the same name, the script will append to the existing file. If there is no file, it will be created.

Log file name: This is the name of the log file. Variables can be used to create separate log files based on specific metadata.

Date variables can be used to create separate log files per day, month or year.

Choose a name for the log file. Remember to include an extension (like .csv or .txt). You can create a "rotating" log file by including a date variable in the name of the file. For example if you want a daily log you could use:

```
Log_[Switch.Date:Format="yyyyMMdd",TimeZone="System"].csv
```

An example result would be:

on 5/31/2018 the log file would be named : Log_20180531.csv

on 6/01/2018 the log file would be named : Log_20180601.csv

Delimiter: Select from Comma, Tab or Pipe

Choose a delimiter that will not conflict with column titles or data values.

Comma

,

Tab

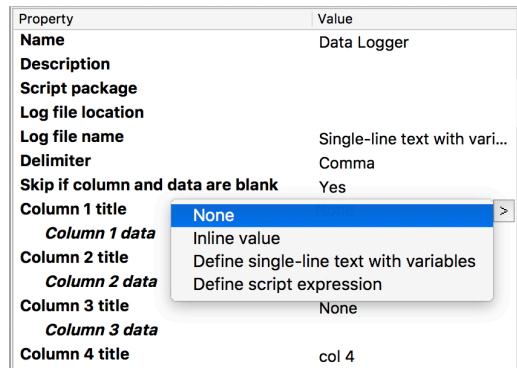
(invisible character sometimes represented as \t)

Pipe

|

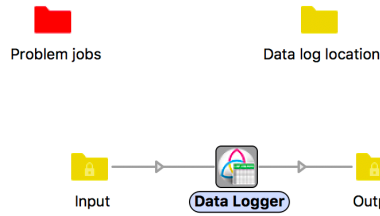
Skip if column and data are blank: By selecting "Yes", if both the column header and the column data are blank, nothing is written to the output file. If you select "No", then a placeholder is inserted. Use caution when appending data to an existing file as there is no confirmation that the columns in the existing file match the column headers in the configurator.

Column 1 title: This is the name of the column (also referred to as a column header). The header will only be written if the log file is new. If you wish to have the column title “blank”, select “None” from the drop down list.



Column 1 data: This is the data place in the column. You can use static text, variables or even script expressions to place data in a column. Note: there is no confirmation that the column headers in the existing file match the column headers in the configurator. The data is written sequentially.

Turn debug mode on: The default value is “No”. Only set it to “Yes” if you need to troubleshoot a problem. When set to “Yes” additional information will be sent to the Debug log.



Properties	
Property	Value
Name	Data Logger
Description	
Script package	
Log file location	
Log file name	Single-line text with variables defined
Delimiter	Comma
Skip if column and data are blank	Yes
Column 1 title	None
<i>Column 1 data</i>	
Column 2 title	None
<i>Column 2 data</i>	data 2
Column 3 title	This is the next column
<i>Column 3 data</i>	Single-line text with variables defined
Column 4 title	col 4
<i>Column 4 data</i>	Script expression defined
Column 5 title	None
<i>Column 5 data</i>	data 5
Column 6 title	col 6
<i>Column 6 data</i>	data 6
Column 7 title	None
<i>Column 7 data</i>	
Column 8 title	None
<i>Column 8 data</i>	
Column 9 title	9 Column
<i>Column 9 data</i>	data 9
Column 10 title	10 Column
<i>Column 10 data</i>	1000000
Turn debug mode on	No