



CONTACT SUPPORT:

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	CCI RegularExpression Split Analog Parser v1.0
CATEGORY:	Utility
VERSION:	1.0.0
SUMMARY:	<p>The CCI Regular Expression suite has been designed so that each module works independently and does not rely on one and another.</p> <p>In order to use these modules, you will have to have understanding on Regular Expression Patterns. One website does a great job at teaching the subject. https://regex101.com/</p> <p>This module uses a single pattern in order to split the pieces up. The pattern, in the case of the demo, is a complicated pattern that is used to split at the comma only when not in between a set of quotes. You can use very simple split pattern as well, as an example just a comma. The analog module works by doing an ATOI after parsing the split process. So, it will do a search on the string looking for the first sequence of numbers and outputting those.</p> <p>To learn more about what other utility modules are available from Control Concepts visit the CCI Utility Module Store.</p>
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	3-Series, 4-Series or VC-4 processors <u>ONLY</u> .
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A



PARAMETERS

RegexPattern	This is a serial string that contains the regular expression pattern that will be used to split the message. This could be as simple as any character, like a comma.
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CONTROL

Parse	D	Trigger to execute the parsing of your inputted data using the pattern entered.
Input	S	This is a buffered Input that can be used by sending multiple messages on the signal. The module will append the data with each signal change. The input buffer will get cleared when the "Parse" signal has been triggered.

FEEDBACK

Output_Count	A	This signal will update when "Parse" is successfully executed. It will indicate how many pieces the input buffer has been split into.
Output[*]	A	The signal will show the split data based on the Pattern and Input data. You will only be able to count on the signal data for each when the Output_Count value is less than or equal to the index. This output will contain only the numerical portion of the split fragment.

TESTING:

OPS USED FOR TESTING:	CP3: 1.8001.0146 MC4: 2.7000.00052.01 VC-4: 2.7100.00030
SIMPL WINDOWS USED FOR TESTING:	4.20
DEVICE DB USED FOR TESTING:	200.180
CRES DB USED FOR TESTING:	212.0000.002.000
SYMBOL LIBRARY USED FOR TESTING:	1165



INCLUDE4.DAT FILE:	2.18.065
SAMPLE PROGRAM:	CCI RegularExpression Demo v1.0
REVISION HISTORY:	1.0.0 – Initial Release