



CONTACT SUPPORT:

COMPANY NAME:	Control Concepts Inc.
SUPPORT CONTACT:	Elizabeth Scozzari
EMAIL ADDRESS:	elizabeths@controlconcepts.net
PHONE:	(201) 797-7900
ADDRESS:	336 Route 46, Fairfield, NJ 07004



GENERAL INFORMATION

SIMPLWINDOWS NAME:	CCI RegularExpression Group Analog Parser v1.0 Help
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 multiple patterns in order to parse values. The regular expression pattern must have only one regex capture group included for each. Each pattern is individually used for parsing the value. The values inside the parentheses are used to capture the value, while the values outside are used to steer the parsing. Example: @ (\d{2}:\d{2}am pm)</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 match and parse the input buffer. Each valid pattern must contain one capture group and only one captured group. Example: (matchchars).
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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[*]	A	The signal will show the matched capture group value based on the Pattern and Input data. An ATOI will be performed and only the numeric sequence will be displayed on the output.
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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