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:	JSON AnalogRead v1.0.0
CATEGORY:	Utility
VERSION:	1.0.0
SUMMARY:	Module provides a method by which to display tokens parsed by an associated Reader Module as Analog Values.
GENERAL NOTES:	Each JSON AnalogRead (Requester) module must be associated with a JSON FileProcessor (Processor) module via the Processor ID. Each individual Requester may only request up to 10 values, but multiple Requesters may be associated with each Processor module, allowing for large amounts of data to be processed. The notation for digital request is dot based in a format known as Json Path. Each dot requests a more specific level. Arrays are supported using bracketed notation. Arrays are zero indexed. "Clients[3].cellPhone[0].Preference" would request the "Preference" value of the first array index of the cellphone data of the fourth array indexed client in an appropriate Json file. An example file is provided with the demo program. All requests are case sensitive. A malformed or failed request results in an empty field. Any exception in the code is written to the error log and if the debug flag for the associated Processor is 'high' it will also print to the trace window. This module has support for Float Integer datatypes, provided that the value can be represented as an unsigned 16-bit integer (0-65535). Signed integers are NOT supported in the current version. If parsing a value outside of these bounds, its recommended to use the StringRead module.
CRESTRON HARDWARE REQUIRED:	3-Series Processors **only**.
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

FEEDBACK:

Signal/Function Name	D,S,A	Digital, Serial, Analog signal property definition.
Analog_Value<01 – 10>	A	Evaluates the token requested with its corresponding parameter field as a Analog Value. See "General Notes" for details.

PARAMETERS:

Json Path <01-10>	S	String representing the token you wish to express as an Analog value. Requests are formatted with dot notation, with each subgroup represented by a dot. See "General Notes" for a more detailed description. Sample Json files and appropriate requests for each field are included in the demo program.
Processor ID	A	Setting to indicate the ID for a specific Processor Module. Each Requester must be paired with an appropriate Processor via matching Processor ID fields.

TESTING:

OPS USED FOR TESTING:	RMC3: 1.502.3078.29223 CP3: 1.502.3079.17847
SIMPL WINDOWS USED FOR TESTING:	4.07.03
DEVICE DB USED FOR TESTING:	87.00.003.00
CRES DB USED FOR TESTING:	63.07.003.00
SYMBOL LIBRARY USED FOR TESTING:	1039
REVISION HISTORY:	1.0.0 – Initial Release