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Source: https://github.com/professoraire/ElegantIFTTT-Crestron

Elegant IFTTT Manager v1.0

GENERAL INFORMATION

SIMPL WINDOWS NAME	Elegant IFTTT Manager v1.0
CATEGORY	Elegant Modules
VERSION	1.0
SUMMARY	Provides the core interface for IFTTT integration with a program.
GENERAL NOTES	This module can work stand-alone, or with additional modules to simplify the parsing of data.
CRESTRON HARDWARE REQUIRED	3-Series Processor

PARAMETERS

Port	D	The port # that the IFTTT service will use to communicate with the processor. This is the port that the internal server will listen on and must be unique to this module.
Key	S	This is the unique Key id for your IFTTT Maker/WebHooks service. This can be found (at the time of writing) under the Documentation link on https://maker.ifttt.com
ID	S	The unique ID of this Manager instance. All modules related to this instance will have to use this ID. Max 10 characters long.
Separator	S	The separator token you use when sending information using the Maker/WebHooks service. This is how the string returned is separated into distinct pieces of information. This can only be a single character long.

CONTROL

Enable	D	On the rising edge this enables the module and starts the underlying server instance. On the falling edge this disables the module and stops the underlying server instance. If this is disabled and IFTTT attempts to send information this will fail on the IFTTT side.
SendEvent	D	Pulse to send the event that the OutgoingEventName and Value# inputs provide details on.
OutgoingEventName	S	The name of the event that will be sent to the IFTTT Maker/WebHooks service. This matches the "Event Name" entry on the THIS portion of a Maker/WebHooks applet.
[Value#] (1 – 3)	S	The value to send to the IFTTT Maker/WebHooks service. This is used to provide the ingredients {{Value1}}, {{Value2}}, and

		{{Value3}} for the THAT portion of the applet. If not needed can be blank.

FEEDBACK

[EventReceived]	D	Pulses for 0.1 seconds whenever an event is received that isn't handled by a different module. This will ONLY pulse if the IncomingEventName isn't used by any other ElegantIFTTT parsing modules.
[IncomingEventName]	S	The name of the incoming event. When creating an applet with a Maker/WebHooks THAT then there is a Body option. The first piece of text before the separator defined by the Separator parameter is used as the event name.
[Data#] (1 – 10)	S	When creating an applet with a Maker/WebHooks THAT then there is a Body option. After the first piece of text you can provide up to 10 more pieces of information, each preceded by the separator defined by the Separator parameter. These will be fed to these Data outputs.

ADDITIONAL DATA

Revision History	v1.0 – Initial Release
Additional Details	Basic Use Instructions 1. Setup an IFTTT account. 2. Define an IFTTT applet that uses the Maker/WebHooks service in either this THIS or the THAT. a. If using the THIS then the "Event Name" entry should match the text of an event string you send via the OutgoingEventName input. An example of this might be "Door_Lock". Then you would provide additional details on the Value1 – Value3 inputs. Examples of this might be "Front Door" and "Locked". These might be used to do something like send a notification using the IFTTT app that would read: "The {{Value1}} was {{Value2}}". b. If using the THAT then you need to setup the Maker/WebHooks service to make a WebRequest. Use the following values: i. URL: http://[your url here]:[your port here] 1. This is the address of your system and the port it will be listening on. This port doesn't have to match the Port parameter, but whatever port you place here MUST be forwarded to the actual processor's address on the port specified using the Port parameter. ii. Method: POST iii. Content Type: text/plain iv. Body: event_name|Data1|Data2|Data3… 1. This is the IncomingEventName and Data# (1 – 10) that will be provided to the program. Note the use of the | (Pipe) character to define the separations. This character used for this separator is defined using the Separator parameter.