

GROUP OF JOLT EXAMPLES



- *This template contains four (4) examples of JSON-to-JSON transformation using Jolt*
- *Each of the examples follows the same flow diagram shown below*

Listens for incoming HTTP GET request

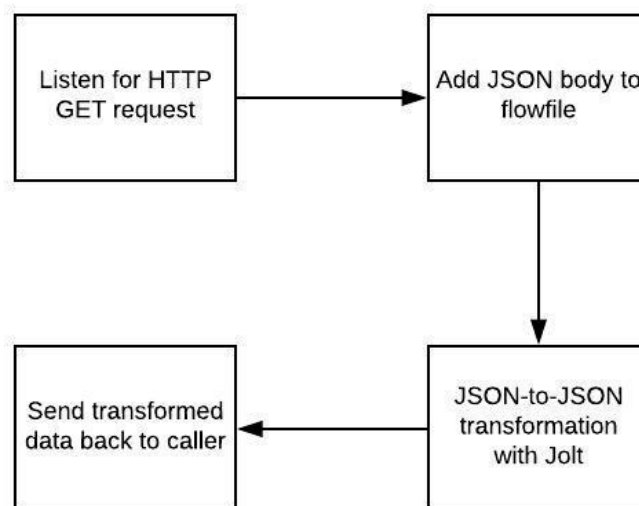
Replaces any text with a preset JSON-formatted body

Uses Jolt to do a JSON-to-JSON transformation on the content

Returns a response to the requestor

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Jolt Transformation Examples Data Flow



KEY ATTRIBUTES

- `HandleHttpRequest`: Listens for incoming requests.
- `ReplaceText`: Replaces the flowfile content with a predetermined JSON body of text
 - o By default, all `ReplaceText` in this template will contain the same replacement text
- `JoltTransformJSON`: A JSON-to-JSON transformation takes place using Jolt transformation language
- `HandleHttpResponse`: Sends a response with the body of the transformed content back to the requestor.

NOTES

- *If you have not mapped data using the Jolt Transformation Language before, you might want to start at the process group with the name 'Jolt Transformation 1-to-1' as it is the most basic of the four transformations.*
- `HandleHttpRequest`
 - o This processor requires the `StandardHttpContextMap` to be enabled for it to run
 - o The `StandardHttpContextMap` specified in this processor must be the same `StandardHttpContextMap` specified in the `HandleHttpResponse` processor
 - o Default endpoint is listed in the label under this processor. The port number will be different for each flow. Example can be seen below.

This is setup as an API.
Endpoint for local nifi is below:

localhost:8090/nifi

The port number can be changed in the properties tab of the configuration of the processor

HandleHttpRequest	
HandleHttpRequest 1.5.0	
org.apache.nifi - nifi-standard-nar	
In	0 (0 bytes) 5 min
Read/Write	0 bytes / 0 bytes 5 min
Out	0 (0 bytes) 5 min
Tasks/Time	0 / 00:00:00.000 5 min

The label is the large yellow box.

The endpoint is shown within the red square

- JoltTransformJSON
 - There is a green label to the left side of each JoltTransformJSON processor.
 - This label contains a description of what each part of the Jolt spec (the mapping) does.