

MAPPER (XML TRANSFORMATION)



To transform XML using ThreadConnectMapper.
Store extracted fields from transformed XML as file.

Created by K Sanghavi

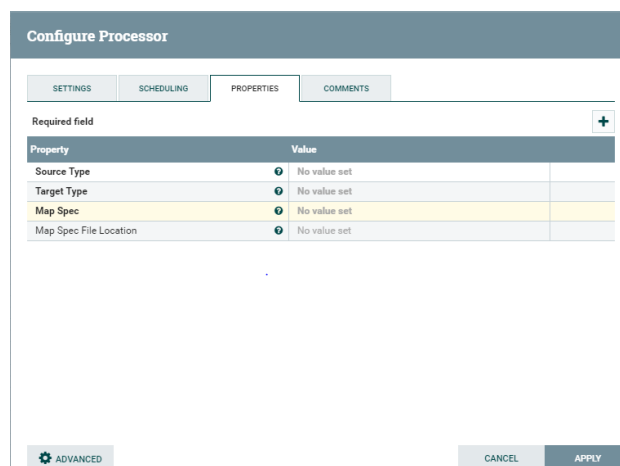


KEY ATTRIBUTES

- `GenerateFlowFile`: generates flowfile with the XML to be transformed.
- `ThreadConnectMapper`: transforms incoming XML data into required XML format using jolt-specs.
- `EvaluateXPath`: extracts specified values from the incoming XML based on the path.
- `ReplaceText`: creates statement with extracted flowfile attributes.
- `PutFile`: adds incoming flowfile as file in the specified folder path

MAPPING USING THREADCONNECTMAPPER

1. To view the Advance UI, click on **ADVANCED** button at the bottom left corner of the processor's configuration dialog.



Configure Processor

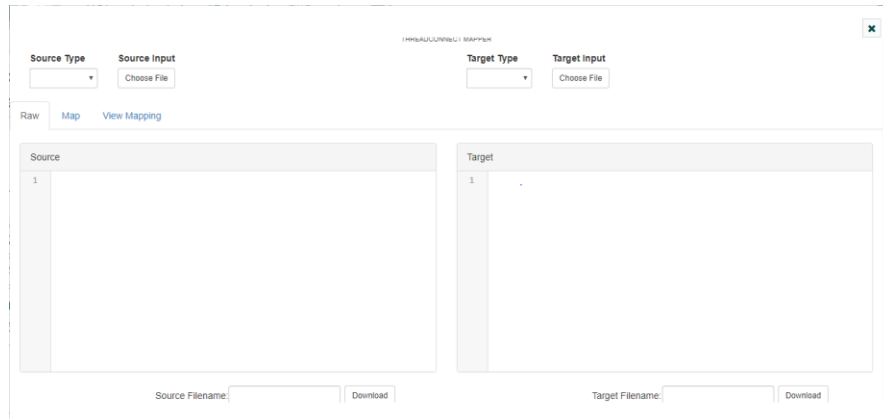
SETTINGS | SCHEDULING | **PROPERTIES** | COMMENTS

Required field +

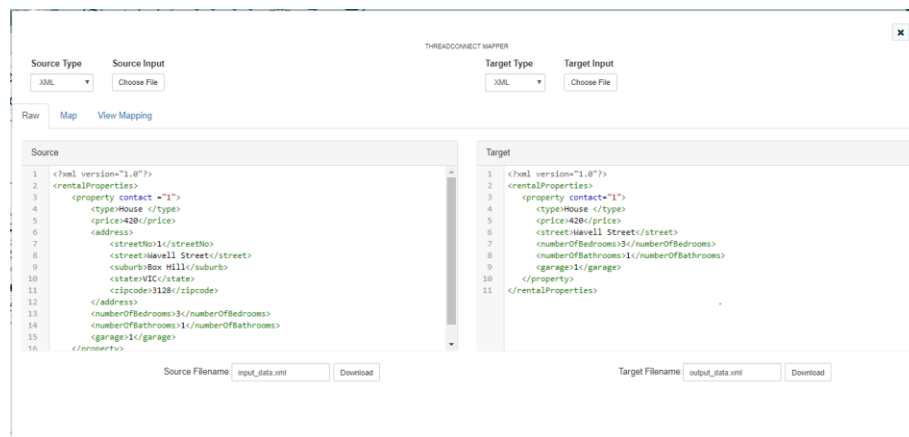
Property	Value
Source Type	No value set
Target Type	No value set
Map Spec	No value set
Map Spec File Location	No value set

ADVANCED | CANCEL | APPLY

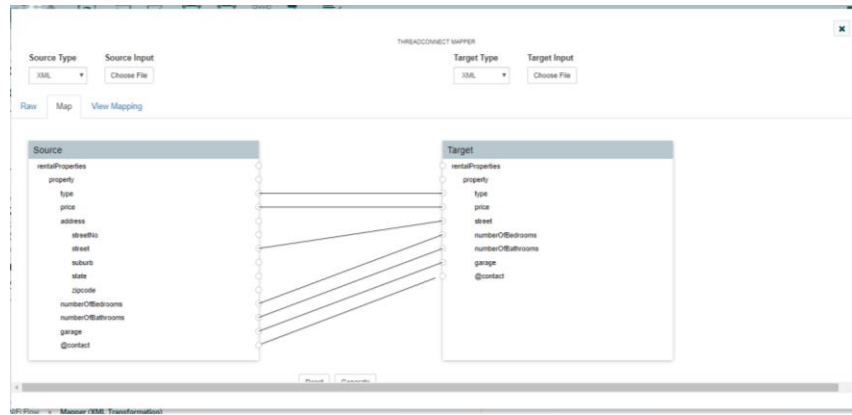
2. ThreadConnectMapper Advance UI view



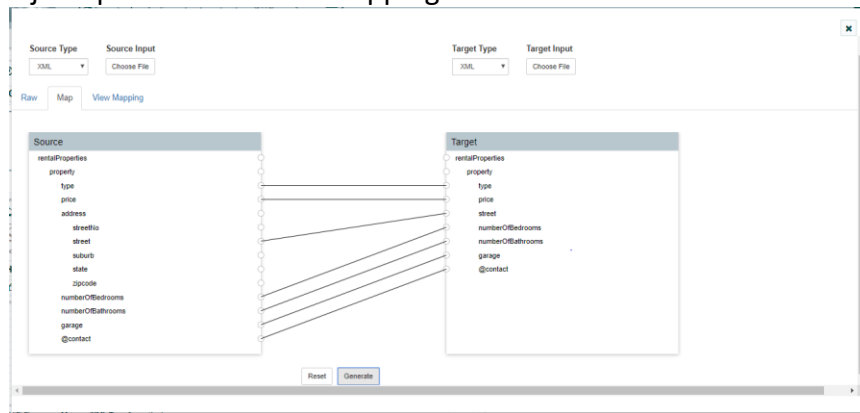
- Based on the type of transformation (XML-XML), select the Source & Target type and upload Source and Target input file using Choose File button. (extensions supported for XML - .xml). If the loaded file content for source and target has no syntax errors (if present, corresponding line will be highlighted), then click on Map tab.



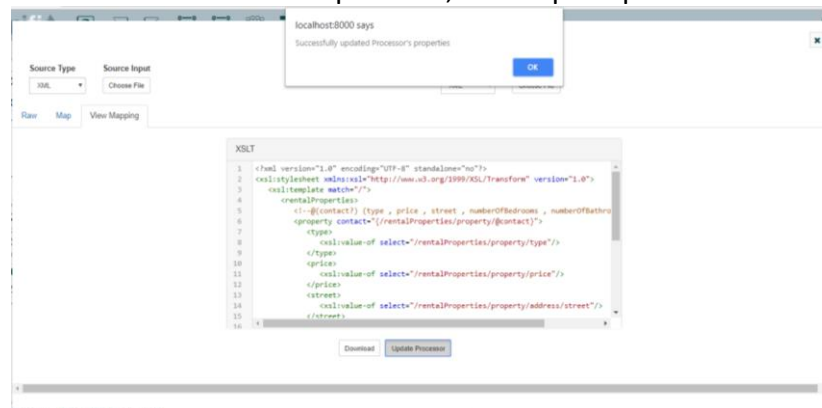
- The Map tab represents the source and target data as collapsible tree structure. To create a mapping drag a line from the required source element and drop at the target element. To scroll, scrollbar is provided for both Source and Target. Mapping can be deleted by double clicking on the specific mapping. If all the mappings has to be deleted then by clicking on Reset button, mappings created get deleted.



- On mapping the required elements, click on the Generate button. This generates the required jolt-spec based on the mapping. Which can be viewed in the View Mapping tab.



- To update the ThreadConnectMapper with the generated spec click on Update Processor button. On successful operation, user is prompted with a success message.



- Properties Tab

Configure Processor

SETTINGS

SCHEDULING

PROPERTIES

COMMENTS

Required field



Property	Value
Source Type	XML
Target Type	XML
Map Spec	<?xml version="1.0" encoding="UTF-8" standalone="no"?> <...
Map Spec File Location	MAPPER\XSLT\rentalProperties(2018-08-20_00-50).xsl

ADVANCED

CANCEL

APPLY