Usecase in Apigee: XML to JSON and JSON to XML transformation

Converts messages from the extensible markup language (XML) format to JavaScript Object Notation (JSON) and vice versa.

It takes an XML-formatted response message as the source, and then creates a JSON-formatted message that is populated in the response Output Variable and vice versa.

XML to JSON policy

This policy converts messages from the extensible markup language (XML) format to JavaScript Object Notation (JSON), giving you several options for controlling how messages are converted.

In a typical mediation scenario, a JSON to XML policy on the inbound request flow is often paired with an XML to JSON policy on the outbound response flow. By combining policies this way, a JSON API can be exposed for backend services that natively support only XML.

For scenarios where APIs are consumed by diverse client apps that may require either JSON or XML, the response format can be dynamically set by configuring JSON to XML and XML to JSON policies to execute conditionally.

Converting a response:

- <XMLToJSON name="ConvertToJSON">
 - <Options>
 - </Options>
- <OutputVariable>response</OutputVariable>
- <Source>response</Source>
- </XMLToJSON>

This configuration—which is the minimal configuration required to convert XML to JSON—takes an XML-formatted response message as the source, and then creates a JSON-formatted message that is populated in the response OutputVariable. Edge automatically uses the content of this variable as the message for next processing step.

JSON to XML policy

This policy converts messages from the JavaScript Object Notation (JSON) format to extensible markup language (XML), giving you several options for controlling how messages are converted.

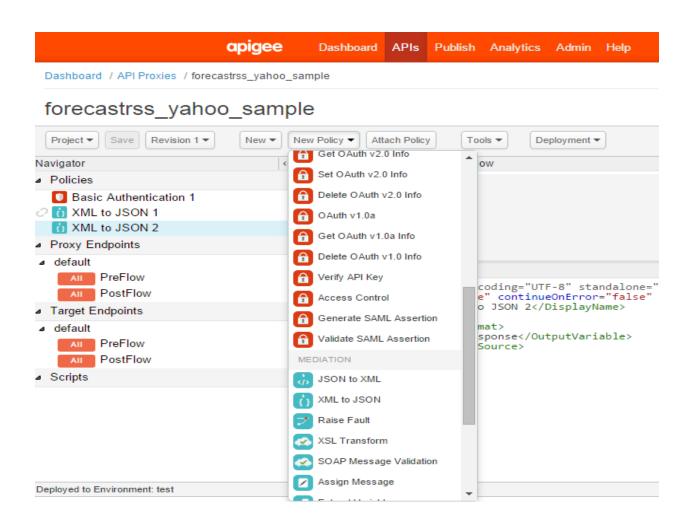
The policy is particularly useful if you want to transform messages using XSL. After converting a JSON payload to XML, use the XSL Transform policy with a custom style sheet to perform the transformation you need.

Converting a request

<JSONToXML name="jsontoxml">
 <Source>request</Source>
 <OutputVariable>request</OutputVariable>
</JSONToXML>

Step1:

we need to select the policy which we are going to add.



Step2:

After adding XML to JSON policy



Step3:

Final output, where the data is converted from XML to JSON in the browser



Step 4:

Final output, after converting JSON to XML in the browser

