

Configure JSON Tool Based On Returned JSON Data Structure

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Tutorial

By calling <http://api.fxer.io/latest?base=SGD>, the following will be returned.

```
JSON Data

{
  "base": "SGD",
  "date": "2015-12-21",
  "rates": {
    "AUD": 0.99092,
    "BGN": 1.2777,
    "BRL": 2.8235
  }
}
```

In JSON, curly bracket denotes an object. Square bracket denotes an array.

Because there's no array that we can iterate through, therefore, this is the only way of configuring it. Only one record will be created for this case.

Store To Form

Configure JSON Tool > **Store To Form** > Store To Workflow Variable

Form: ✕ ↗

Base JSON Object Name for Multirow Data:

Field Mapping

FIELD NAME	JSON OBJECT NAME	
<input type="text" value="id"/> ✕ ▼	<input type="text" value="#assignment.processId#"/>	⬆ ⬇ ✖
<input type="text" value="base"/> ✕ ▼	<input type="text" value="base"/>	⬆ ⬇ ✖
<input type="text" value="date"/> ✕ ▼	<input type="text" value="date"/>	⬆ ⬇ ✖
<input type="text" value="currency_AUD"/> ✕ ▼	<input type="text" value="rates.AUD"/>	⬆ ⬇ ✖
<input type="text" value="currency_BGN"/> ✕ ▼	<input type="text" value="rates.BGN"/>	⬆ ⬇ ✖

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If your JSON URL returns the following,

JSON Data

```
{
  "base": "SGD",
  "date": "2015-12-21",
  "rates": [
    { "currency": "AUD",
      "rate": 0.99092
    },
    { "currency": "BGN",
      "rate": 1.2777
    },
    { "currency": "BRL",
      "rate": 2.8235
    }
  ]
}
```

Then you can configure as follow and make use of the "Base JSON Object Name for Multirow Data" where it will iterate through the array and create multiple records.

Store To Form

Configure JSON Tool > **Store To Form** > Store To Workflow Variable

Form ✕ ↗

Base JSON Object Name for Multirow Data

Field Mapping

FIELD NAME	JSON OBJECT NAME	
parent_id ✕	#assignment.processId#	⬆️ ⬆️ ⬆️
currency ✕	rates.currency	⬆️ ⬆️ ⬆️
rate ✕	rates.rate	⬆️ ⬆️ ⬆️

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Related Documentation

- [List of JSON API](#)
- [JSON Form Options Plugin From Joget Marketplace](#)
- [Configure JSON Tool Based On Returned JSON Data Structure](#)
- [Sample JSON API Integration](#)
- [Single Sign On - SSO](#)