

# JSON API Options

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New Feature

This is a new feature in Joget DX 8.

## Introduction

**JSON API** allows one to populate selections from JSON calls to form elements that make use of the Form Options Data Store.

## JSON API Properties

### Configure JSON API

## Configure Select Box ?



Label

Select Box

ID \*

field7

Options

VALUE	LABEL	GROUPING
<input type="text"/>	<input type="text"/>	<input type="text"/>



Or Load Data From

JSON API



## Configure JSON API



JSON URL \*

Call Type

PUT



Body Type

Request Parameters



Request Parameters

NAME	VALUE
------	-------



Request Headers

NAME	VALUE
------	-------



☐ Passover Current Request Cookies

### Base JSON Object Name for Multirow Data

### ID Column \*

### Label Column \*


### Grouping Column

☐ Use AJAX for Cascade Options?


☒ Add Empty Option


☐ Debug Mode

Name	Description						
JSON URL	URL to be called.						
Call Type	<ul style="list-style-type: none"><li>• GET</li><li>• POST</li><li>• PUT</li><li>• DELETE</li></ul>						
Request Headers	<div>Add name(s) and value(s) to the request header</div> <table><tr><th>Field</th><th>Description</th></tr><tr><td>Name</td><td>Name (or Type ) of the Request Header</td></tr><tr><td>Value</td><td>Link or Value of the Request Header</td></tr></table>	Field	Description	Name	Name (or Type ) of the Request Header	Value	Link or Value of the Request Header
Field	Description						
Name	Name (or Type ) of the Request Header						
Value	Link or Value of the Request Header						


<p>Body Type</p> <p>(Only Applicable to Call type = POST or PUT)</p>	<p>Select the POST or PUT method:</p> <ul style="list-style-type: none"> <li>Request Parameters <ul style="list-style-type: none"> <li>Add name(s) and value(s) to the request header</li> </ul> <table border="1"> <thead> <tr> <th>Field</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Name</td><td>Name (or Type ) of the Request Header</td></tr> <tr> <td>Value</td><td>Link or Value of the Request Header</td></tr> </tbody> </table> </li> <li>POST Parameters as JSON Payload <ul style="list-style-type: none"> <li>When POST Method is set to "POST Parameters", these parameters will be sent as a <code>UrlEncodedFormEntity</code>.</li> <li>When POST Method is set to "POST Parameters as JSON Payload", these parameters will be sent as a <code>StringEntity</code> in a form of an escaped JSON string.</li> </ul> </li> <li>Custom JSON Payload <ul style="list-style-type: none"> <li>Write your own JSON to be the payload. It will be sent as a <code>StringEntity</code>.</li> <li>This option is available only when "Custom JSON Payload" is selected.</li> </ul> </li> </ul>	Field	Description	Name	Name (or Type ) of the Request Header	Value	Link or Value of the Request Header
Field	Description						
Name	Name (or Type ) of the Request Header						
Value	Link or Value of the Request Header						
Passover Current Request Cookies	When checked, Current Request Cookies will be passed to the server with the request.						
Base JSON Object Name for Multirow Data	Name of the base JSON object (e.g. <b>response</b> ).						
ID Column	ID value from the specified JSON URL to set as the option value. (e.g. <b>response.id</b> ).						
Label Column	Label value from the specified JSON URL to set as option label. (e.g. <b>response.value</b> )						
Grouping Column	Grouping value from the specified JSON URL to set as option grouping value. (e.g. <b>response.value</b> )						
Use AJAX for cascade options?	<p>When checked, this allows these fields to <b>dynamically</b> load available <b>options</b> based on the other field value (grouping column) when dealing with a tremendous amount of selections. Read more at <a href="#">Ajax Cascading Drop-Down List</a>.</p> <div>  Not applicable to Form Data Store. Only available when used as an Options Data Store. </div>						
Add Empty Option	Empty option label. Only in use when <b>Add Empty Option</b> is checked.						
Don't trigger empty dependency value	<p>Ensures that the dependent field's actions or changes are only initiated when the controlling field has a valid selected value.</p> <p>When the controlling field value is empty, the JSON URL will not be called or triggered to the form.</p>						
Debug Mode	Show relevant debug entries in the server log for debugging purposes.						

## Form Options Caching

 FORM OPTIONS CACHING

Sync Cache Interval 

1600

Pause sync after idle \* 

120

Name	Description
Sync Cache Interval	How often to activate cache synchronization (in seconds).  For example, when set to 180 seconds, background synchronization in the server will take place every 180 seconds to refresh with the new/latest data.
Pause sync after idle	How long to wait to pause synchronization after idle.

Download Sample App

Home > Manage Country Form Options

Section

Select Box Example

Afghanistan

Note: Depending on your internet speed, this JSON Form Option will take a few seconds to populate from  
<https://gist.githubusercontent.com/keeguon/2310008/raw/bdc2ce1c1e3f28f9cab5b4393c7549f38361be4e/countries.json>.

Print

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