

Dynamic Cascading Drop-Down List

Joget Form Builder allows you to **dynamically** change the **options/selections** of a **select box/radio button/radio** based on another form's field value.

In the example shown below, the "Category" select box is based on the type of leave designated in the **Type of Leave** field.

The figure displays two instances of a 'Leave Application Details' form, illustrating dynamic cascading. Each form has three fields: 'Name' (text input), 'Type of Leave' (dropdown), and 'Category' (dropdown). In the top form, 'Type of Leave' is 'Paid', and the 'Category' dropdown shows three options: 'Annual Leave', 'Emergency Leave', and 'Medical Leave'. In the bottom form, 'Type of Leave' is 'Unpaid', and the 'Category' dropdown shows one option: 'Unpaid Leave'.

Figure 1: Category Dynamically Changes Options Based on Type of Leave

Configure "Options" in the **Type of Leave** properties.

Edit Select Box

Edit Select Box > Choose Options Binder > Choose Validator > Workflow Variables

ID ^{*}

Label

Value

Size (Rows)

Multiple Selection

ReadOnly

Options

Value	Label	Grouping
paid	Paid	<input type="text"/>
unpaid	Unpaid	<input type="text"/>

Field ID to control available options based on Grouping

Figure 2: Creating a Select Box

In the **Category** properties, group the options and tie them to the form element "type".

Edit Select Box

Edit Select Box > Choose Options Binder > Choose Validator > Workflow Variables

Label

Value

Size (Rows)

Multiple Selection

ReadOnly

Options

Value	Label	Grouping	
			↑ ↓ ×
annual	Annual Leave	paid	↑ ↓ ×
emergency	Emergency Le	paid	↑ ↓ ×
medical	Medical Leave	paid	↑ ↓ ×
unpaid	Unpaid Leave	unpaid	↑ ↓ ×

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Field ID to control available options based on Grouping

Figure 3: Creating a Select Box with Dynamic Options

It is also possible to populate **Options** through the use of **Options Binder**. For example, the form table below stores all categories.

id	dateCreated	dateModified	c_name	c_type
annual	2012-04-12 17:12:20	2012-04-12 17:12:20	Annual Leave	paid
emergency	2012-04-12 17:12:36	2012-04-12 17:12:36	Emergency Leave	paid
medical	2012-04-12 17:12:47	2012-04-12 17:12:47	Medical Leave	paid
unpaid	2012-04-12 17:13:01	2012-04-12 17:13:01	Unpaid Leave	unpaid

Figure 4: Form Table "Categories"

In the **Category** properties, go to "Choose Options Binder"; choose "Default Form Options Binder". Then go to the **Select Form** tab and key in the information shown in the example below.

Select Form

Edit Select Box > Choose Options Binder > **Select Form** > Choose Validator > Workflow Variables

Form ID *

ID Column

Label Column *

Grouping Column

Extra Filter Condition

Add Empty Option

Figure 5: Loading Options from Another Form Table

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