

# 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 consists of two vertically stacked screenshots of a form titled "Leave Application Details". Each screenshot shows three fields: "Name" (a text input), "Type of Leave" (a dropdown menu), and "Category" (a dropdown menu). In the top screenshot, "Type of Leave" is set to "Paid" and the "Category" dropdown is open, showing three options: "Annual Leave", "Emergency Leave", and "Medical Leave". In the bottom screenshot, "Type of Leave" is set to "Unpaid" and the "Category" dropdown is open, showing only 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 <sup>\*</sup>

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

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

#### Related Articles

#### Related Elements

- [Check Box](#)
- [Multi Select Box](#)
- [Radio](#)
- [Select Box](#)