

Date Picker

Date Picker extends the capability of a normal text field with a date picker library.

The screenshot shows a form titled "General Expense Entry" with a dashed border. At the top, it says "Drag This Column". The form contains several fields: "claim" (text input, labeled "HIDDEN FIELD"), "Category" (dropdown menu), "Date *" (text input with a calendar icon, highlighted with a blue border), "Purpose *" (text input), "Amount *" (text input), and "formattedAmount" (text input, labeled "Calculation Field").

Figure 1: Screenshot highlighting Date Picker obtained from sample Expenses Claim App

Screenshots taken from http://localhost:8080/jw/web/console/app/hr_expense/1/form/builder/hr_expense_claim_entry

The screenshot shows the "Edit Date Picker" configuration panel. It has a title "Edit Date Picker" and a breadcrumb "Edit Date Picker > Advanced Options > Validator (Default Validator)". Below the title are three configuration options: "ID *" with a text input containing "date", "Label *" with a text input containing "Date", and "Allow Manual Input" with an unchecked checkbox.

Figure 2: Date Picker Properties

| Name | Description |
|--------------------|---|
| ID | Element ID (By declaring as "date", a corresponding database table column "c_date" will be created) |
| Label | Element Label to be displayed to end user. |
| Allow Manual Input | Rather than using the calendar picker, user may key in the date directly if checked. |

Advanced Options

Edit Date Picker > **Advanced Options** > Validator (Default Validator)

Data

Default Value

Data Format

Validation

Validator x v

Start Date Field ID

End Date Field ID

Set Current Date As

UI

Display Format

Date Picker Year Range *

Readonly

Display field as Label when readonly?

Workflow

Workflow Variable

Figure 3: Date Picker Properties - Advanced Options

| Name | Description |
|---------------------|--|
| Default Value | <p>Default Value when there's no existing value found/selected.</p> <p>Hash variable is accepted here. For example, you may key the following</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0; width: fit-content;">#date.dd-MM-yyyy#</div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0; width: fit-content; background-color: #f2f2f2;"> <p>Date Format</p> <p>Date format defined here should follow Data Format.</p> </div> |
| Data Format | <p>This will determine the format to be used to save into the form data table.</p> <p>Please use Java date format; e.g., yyyy-MM-dd for 2011-06-01.</p> |
| Validator | <p>Attach a Validator plugin to validate the input value.</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0; width: fit-content; background-color: #f2f2f2;"> <p>When will validation takes place?</p> <p>Validation will takes place whenever form is submitted except when it is submitted as "Save as Draft".</p> </div> |
| Start Date Field ID | <p>Expected value: Date Picker's ID that is found in the same form with the same display format.</p> <p>This option should be used in conjunction of "Set Current Date As".</p> |
| End Date Field ID | <p>Expected value: Date Picker's ID that is found in the same form with the same display format.</p> <p>This option should be used in conjunction of "Set Current Date As".</p> |

| | |
|---------------------------------------|--|
| Set Current Date As | <p>Choices of:-</p> <ul style="list-style-type: none"> • Minimum Date • Maximum Date |
| Display Format | <p>This will determine the format to be used for display in user's browser.</p> <p>Please refer to http://docs.jquery.com/UI/Datepicker/formatDate for the format.</p> |
| Date Picker Year Range | <p>Range of years to be shown.</p> <p>In essence, the value left of the colon ":" must be a negative number and on the right must be a positive number. It indicates to Joget Workflow how many years earlier and how many years forward to display in the year select box based on the selected year.</p> <p>A value of "c-0:c+0" is also valid, this indicate to the user that he cannot change the year value (it will default to the current system year).</p> <div data-bbox="363 514 1443 688" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">Sample - Show 10 years before and after</p> <p>c-10:c+10</p> </div> <div data-bbox="363 711 1443 886" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">Sample - Show specific year range</p> <p>2000:2020</p> </div> |
| Readonly | <p>Determines if the element is editable.</p> |
| Display field as Label when readonly? | <p>Displays the value of the element as plain text when element is set to "Readonly".</p> |
| Workflow Variable | <p>If the form is part of a workflow process, upon saving of the form (by clicking on "Save as Draft" or "Complete" button). The value in this input field will be saved into the corresponding workflow variable named here.</p> <div data-bbox="324 1125 1484 1386" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p>Using a non-existent Workflow Variable name</p> <p>You will get the following warning with the name printed out (e.g. status) in the server log if you attempt to map to a non-existent Workflow Variable.</p> <div data-bbox="436 1220 1422 1318" style="border: 1px solid #ccc; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">context attribute status does not exist in process context - adding new attributes to the process context is not allowed</p> </div> </div> |