

CRUD

With **CRUD**, one will not need to do all the manual wiring in constructing a CRUD entity. This element equips you with plenty of customization, making sure that you can achieve what you want.

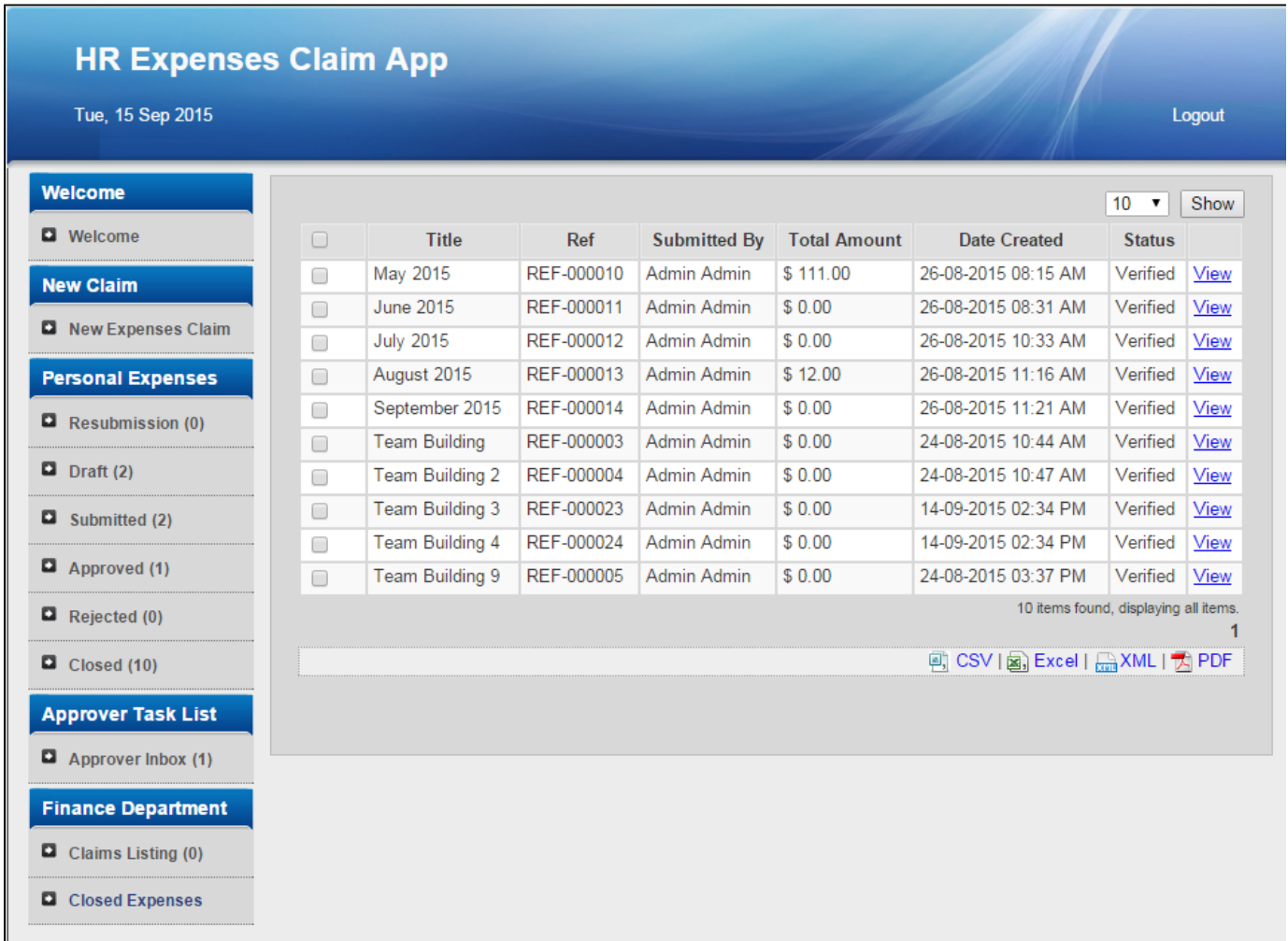


Figure 1: Screenshot showing CRUD taken from the sample HR Expenses Claim app

What's new in Joget Workflow v5

In Joget Workflow v5, the delete function is now able to delete dependency data.

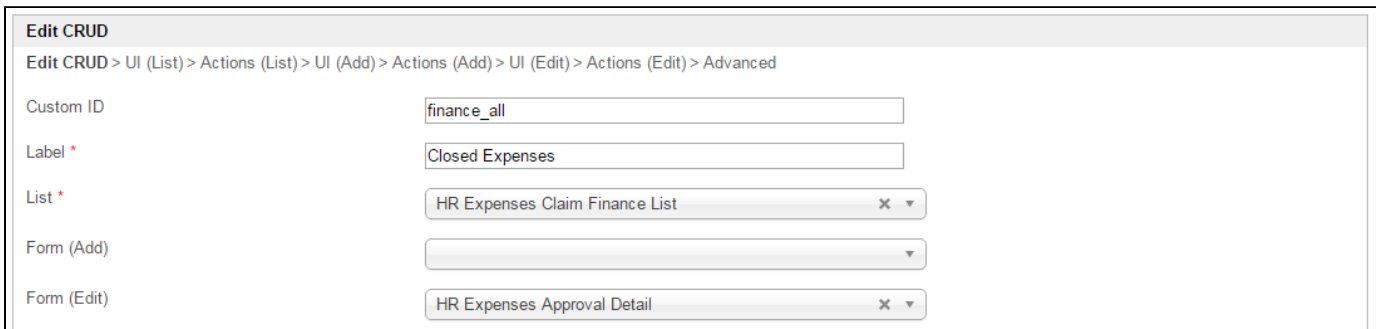


Figure 2: CRUD Properties

Name	Description
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Custom ID	Item link slug. Optional field. <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Unique field Value defined here must be unique to the rest of the Userview Menus as the first matching name will be called upon.</p> </div>
Label	Menu label. Mandatory field.
List	Datalist to load. Mandatory field.
Form (Add)	Target form to open when adding new record. Optional field. If this attribute is not mapped, then ability to Add is disabled.
Form (Edit)	Target form to open when editing existing record. Optional field. If this attribute is not mapped, then ability to Edit is disabled.

UI (List)

Edit CRUD > UI (List) > Actions (List) > UI (Add) > Actions (Add) > UI (Edit) > Actions (Edit) > Advanced

Show Number of Rows In Menu

Button Position

Selection Type

Selector Position

Edit Link Label

New Record Button Label

Delete Button Label

Show Delete Button?

Custom Header

1	
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Custom Footer

1	
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Figure 3: CRUD Properties - UI (List)

Name	Description
Show Number of Rows In Menu	Show Number of Rows In Menu. <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Performance Warning Additional query will be performed to return record count every time the Userview loads.</p> </div>

Button Position	<ul style="list-style-type: none"> • Top Left • Top Right • Bottom Left • Bottom Right • Top Left & Bottom Left • Top Right & Bottom Right
Selection Type	<ul style="list-style-type: none"> • Multiple • Single
Selector Position	<ul style="list-style-type: none"> • Left • Right • Both let & right • No
Edit Link Label	Edit Link Label to show in listing.
New Record Button Label	New Record Button Label to show in listing.
Delete Button Label	Delete Button Label to show in listing.
Show Delete Button?	When checked, the delete button will be shown, effectively enabling the deletion capability.
Custom Header	Custom Header in HTML to show in listing.
Custom Footer	Custom Footer in HTML to show in listing.

Actions (List)

Edit CRUD > UI (List) > **Actions (List)** > UI (Add) > Actions (Add) > UI (Edit) > Actions (Edit) > Advanced

More Actions

+

Figure 4: CRUD Properties - Actions (List)

Name	Description
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More Actions

This attribute allows you to add more actions into the listing.

Name	Description
Label	Link label.
Hyperlink	Hyperlink URL.
Parameter Name	Parameter name to be part of the hyperlink.
Column Name	Parameter value to be assigned to the parameter name declared above by defining the column name from th
Confirmation Message	Confirmation message before opening the link.

Example:

The screenshot shows a table with columns: checkbox, month/year, REF ID, Admin Admin, amount, date, PDF, and Hy. Below the table, there are pagination controls and a toolbar with CSV, Excel, and XLSX options. A 'New Action Button' is highlighted with a red box.

UI (Add)

Edit CRUD > UI (List) > Actions (List) > UI (Add) > Actions (Add) > UI (Edit) > Actions (Edit) > Advanced

Cancel Button Label

Save Button Label

Custom Header

1		
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Custom Footer

1		
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Figure 5: CRUD Properties - UI (Add)

Name	Description
Cancel Button Label	Cancel Button Label to show in add new record form.
Save Button Label	Save Button Label to show in add new record form.
Custom Header	Custom Header in HTML to show in add new record form.
Custom Footer	Custom Footer in HTML to show in add new record form.

Actions (Add)

Edit CRUD > UI (List) > Actions (List) > UI (Add) > **Actions (Add)** > UI (Edit) > Actions (Edit) > Advanced

Message to show after Form saved

Action to perform after Form saved *

Return to list

After Form Saved - Redirection (Hyperlink)

After Form Saved - Redirection (Parameter Name)

After Form Saved - Redirection (Field Name)

Figure 6: CRUD Properties - Actions (Add)

Name	Description
Message to show after Form saved	Message to show after Form saved.
Action to perform after Form saved	<ul style="list-style-type: none"> Return to list Continue on Adding Record Display in Edit Mode Redirection
After Form Saved - Redirection (Hyperlink)	<p>Hyperlink URL.</p> <p>This option is only active when "Action to perform after Form saved" is set to "Redirection".</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Example</p> <p>userviewFormLink</p> </div>
After Form Saved - Redirection (Parameter Name)	<p>Parameter to be appended as part of the link defined above.</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Example</p> <p>id</p> </div>
After Form Saved - Redirection (Field Name)	<p>Value to be assigned to the parameter defined above.</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Example</p> <p>id</p> </div>

UI (Edit)

Edit CRUD > UI (List) > Actions (List) > UI (Add) > Actions (Add) > **UI (Edit)** > Actions (Edit) > Advanced

Readonly

Display Fields as Labels when in Readonly?

Back Button Label

Save Button Label

Record Traversing

First Record Button Label

Previous Record Button Label

Next Record Button Label

Last Record Button Label

Custom Header

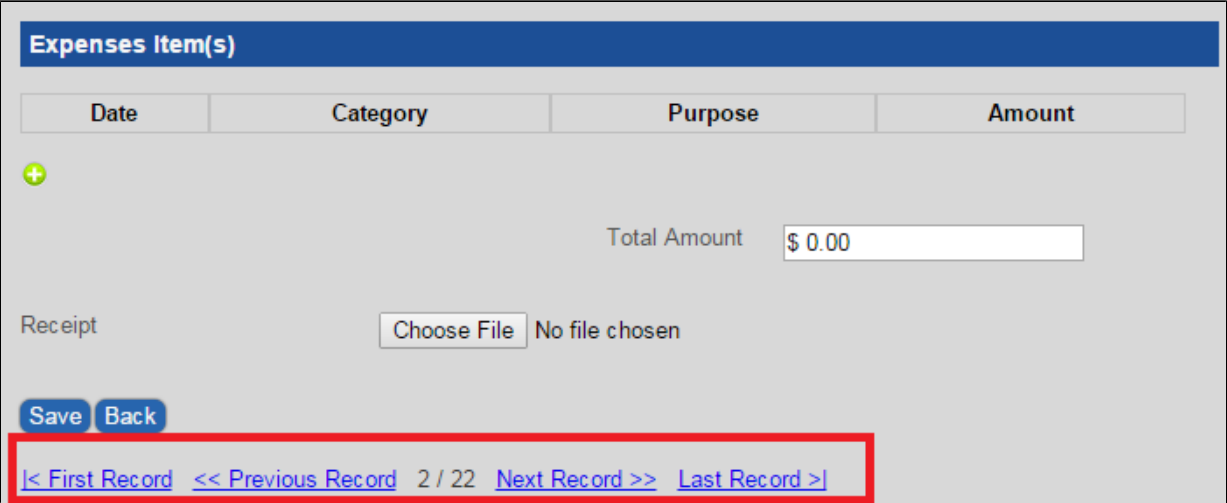
1		
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Custom Footer

1		
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Figure 7: CRUD Properties - UI (Edit)

Name	Description
Readonly	If checked, effectively, the form will be rendered as read only and not editable anymore.
Display Fields as Labels when in Readonly?	When the form is in read only form, determines if values should be displayed as it is (label form) instead of being bounded in original input form.
Back Button Label	Back Button Label Default value: Back
Save Button Label	Save Button Label Default value: Save

Record Traversing	<p>Enable record traversing when viewing a individual record in its form.</p>  <p>The screenshot shows a form titled "Expenses Item(s)" with a table header containing "Date", "Category", "Purpose", and "Amount". Below the table is a "Total Amount" field showing "\$ 0.00". There is a "Receipt" section with a "Choose File" button and "No file chosen" text. At the bottom, there are "Save" and "Back" buttons, and a navigation bar with links: "< First Record", "<< Previous Record", "2 / 22", "Next Record >>", and "Last Record >". The navigation bar is highlighted with a red box.</p>
First Record Button Label	<p>First Record Button Label. Only applicable when Record Traversing is enabled. Default value: First Record</p>
Previous Record Button Label	<p>Previous Record Button Label. Only applicable when Record Traversing is enabled. Default value: Previous Record</p>
Next Record Button Label	<p>Next Record Button Label. Only applicable when Record Traversing is enabled. Default value: Next Record</p>
Last Record Button Label	<p>Last Record Button Label. Only applicable when Record Traversing is enabled. Default value: Last Record</p>
Custom Header	<p>Custom Header in HTML to show when editing an individual record in a form.</p>
Custom Footer	<p>Custom Footer in HTML to show when editing an individual record in a form.</p>

Actions (Edit)

Edit CRUD > UI (List) > Actions (List) > UI (Add) > Actions (Add) > UI (Edit) > **Actions (Edit)** > Advanced

Message to show after Form saved

Action to perform after Form saved *

Return to list

After Form Saved - Redirection (Hyperlink)

After Form Saved - Redirection (Parameter Name)

After Form Saved - Redirection (Field Name)

More Actions

Label	Hyperlink	Parameter Name	Field Name	Confirmation Message
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Figure 8: CRUD Properties - Actions (Edit)

Name	Description
Message to show after Form saved	Message to show after Form is saved
Action to perform after Form saved	<ul style="list-style-type: none"> Return to list Continue on edit record Continue on edit next record Redirection
After Form Saved - Redirection (Hyperlink)	URL to redirect to after submission. Only applicable when Action to perform after Form saved is set to Redirection .
After Form Saved - Redirection (Parameter Name)	Parameter to be included. Only applicable when Action to perform after Form saved is set to Redirection .
After Form Saved - Redirection (Field Name)	Parameter value to be assigned to the parameter above by defining a field ID from the form. Only applicable when Action to perform after Form saved is set to Redirection .

More Actions

Include action buttons to be added into the bottom of the form.

Name	Description
Label	Action button label. Example: New Action Button
Hyperlink	URL
Parameter Name	Parameter name to be added to the URL defined above.
Field Name	Field ID correspondent to the form to retrieve value from and set to the parameter above.
Confirmation Message	Confirmation message to prompt before proceeding after clicking on the button.

Example:

The screenshot shows a web form with the following elements:

- Title ***: Input field containing "Test Submission".
- Submitted By**: Input field containing "Admin Admin".
- Note**: "The title should appear in this format, example, Jan 06".
- Expenses Item(s)**: A table with columns: Date, Category, Purpose, Amount. A green plus sign is visible in the Date column.
- Total Amount**: Input field containing "\$ 0.00".
- Receipt**: Input field containing "Choose File" and "No file chosen".
- Buttons**: "Save" and "Back" buttons.
- New Action Button**: A blue button with white text, highlighted with a red rectangular box.
- Navigation**: Links for "< First Record", "<< Previous Record", "2 / 22", "Next Record >>", and "Last Record >|".

When such button is clicked, the form will not be saved.

Advanced

Edit CRUD > UI (List) > Actions (List) > UI (Add) > Actions (Add) > UI (Edit) > Actions (Edit) > Advanced

Userview Key Name

Figure 9: CRUD Properties - Advanced

Name	Description
Userview Key Name	Define a column name to pre-filter the datalist against using the userview key value.

Screenshots taken from http://localhost:8080/jw/web/console/app/hr_expense/1/userview/builder/hr_expense_userview