

# AJAX Subform

## Definition

AJAX Sub Form gives you the flexibility of dynamically loading a Subform by attaching a listener to other form field.

Unlike the generic Sub Form element found in the community edition, **AJAX Sub Form** gives you the flexibility of dynamically populating a Subform as the value it watches changes.



### Data to load by the AJAX Subform

The target's form Load Binder will be executed to fetch record matched from the properties defined in AJAX Subform.

### Section

*Drag This Column*

Choose Existing Claim

#### Expense Claim Details

Ref

Title \*

Submitted By

Note: The title should appear in this format, example, Jan 06

#### Expenses Item(s)

Date	Category	Purpose	Amount

Total Amount

Receipt  No file chosen

Figure 1: Screenshot highlighting AJAX Subform in Form Builder

Section

Choose Existing Claim

**Expense Claim Details**

Ref REF-000001

Title \*

Submitted By

Note: The title should appear in this format, example, Jan 06

**Expenses Item(s)**

Date	Category	Purpose	Amount
Total Amount			<input type="text" value="\$ 0.00"/>

Receipt  No file chosen

Figure 2: Screenshot highlighting AJAX Subform in Form Builder Preview

**Edit AJAX Sub Form**

Edit AJAX Sub Form > UI > Data & Binder

ID \*

Label

Form \*

Figure 3: AJAX Subform Properties

Name	Description
ID	Element ID (By declaring as "view_existing_claim", a corresponding database table column "c_view_existing_claim" will be created)
Label	Element Label to be displayed to end user.
Form	Target Form to be loaded. <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p><b>i Usage of Hash Variable</b></p> <p>The use of Hash Variables inside the target form is permissible but may be limited due to the nature of how the form is loaded.</p> <p>Example 1: One can use <code>#requestParam.primaryKey#</code> to access the record ID.</p> <p>Example 2: One can use <code>#form.tableName.fieldId[[requestParam.primaryKey]]#</code> to access field value of the given record ID.</p> </div>

**UI**

Edit AJAX Sub Form > UI > Data & Binder

**General**

Reload Sub Form when Parent Field value change?

Readonly

Display field as Label when readonly?

Display without frame?

**Collapsible Setting**

Collapsible?

Label when expanded

Label when collapsed

Expanded by default?

Hide when no value?

Figure 4: AJAX Subform Properties - UI

Name	Description
Reload Sub Form when Parent Field value change?	Dynamically reload the subform when parent field value changes.  <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p> <b>Parent Field value</b> here refers to the <b>Parent Field to keep Subform ID</b> setting in the next tab.</p> </div>
Readonly	Determines if the element is editable.
Display field as Label when readonly?	Displays the value of the element as plain text when element is set to "Readonly".
Display without frame?	Decorator option. Removes default styling applied to SubForm when checked.
Collapsible?	Make the AJAX Subform collapsible.
Label when expanded	Label when expanded
Label when collapsed	Label when collapsed
Expanded by default?	Expanded by default option.
Hide when no value?	To hide the AJAX Subform when there's no data to be loaded.

**Data & Binder**

Edit AJAX Sub Form > UI > Data & Binder

**Data Linkage**

Parent Field to keep Subform ID

Subform Field to keep Parent ID

**Binder**

Store Binder \*  ✕ ▼

Figure 5: AJAX Subform Properties - Data & Binder

Name	Description
Parent Field to keep Subform ID	ID of the field in the parent form to store the Sub Form table's primary key. Sub Form data will be loaded based on the record ID retrieved from this field.

Subform Field to keep Parent ID	ID of the field in the Sub Form form to store the parent table's primary key.
Store Binder	<p>By default, Workflow Form Binder plugin is used for loading and storage of form data in the AJAX Subform, you may override it with other plugins.</p> <div data-bbox="354 233 1286 344" style="border: 1px solid #ccc; padding: 10px;"><p> <b>Important</b></p><p>The target form's Store Binder will not be executed. The Store Binder selected in this property will be executed instead.</p></div> <p>See list of available <a href="#">Form Binder</a>.</p>

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