

Advanced Grid

Definition

Advanced Grid is best described as a **Grid** with rich inline editing transformation.

Depending on the target field, the Advanced Grid element would mimic the original target type for accurate and richer data entry capability.

New Feature

This feature has been enhanced in Joget Workflow v6.

1. Column format type.
2. Populating default value from target form.
3. Default sorting column number.

Section

	Date	Category	Purpose	Amount
1				
2				

[+ Add](#) [- Delete](#)

[Click to edit.](#) [Tab to save.](#)

Figure 1: Advanced Grid form element

Section

	Date	Category	Purpose	Amount
1	<input type="text" value="MM/DD/YYYY"/>			

[+ Add](#)

[Click to edit.](#)

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Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

Figure 2: Screenshot highlighting Advanced Grid on Date Picker element

A Date Picker will show up when editing if the source field itself is a date picker element.

Section

	Date	Category	Purpose	Amount
1		<input type="text" value="Medical"/>		

[+ Add](#) [- Delete](#)

[Click to edit.](#) [Tab to save.](#)

Medical

- Medical
- Mileage
- Entertainment
- Travel Allowance

Cancel

Figure 3: Screenshot highlighting Advanced Grid on Select Box element

A Select Box will show up when editing if the source field itself is a select box element.

Edit Advanced Grid ⊞

Edit Advanced Grid > UI > Validation & Data Binder

ID *

Label

Form * ✕ ▾

Columns
Value should be mapped to Field ID of form. Please note that "File" and "Image" format types require a form store binder (e.g. Multirow Form Binder) that handles file storage.

Value *	Label	Format Type	Width (px)	Readonly	
<input type="text" value="date"/>	<input type="text" value="Date"/>	Date ✕ ▾	<input type="text"/>	<input type="checkbox"/>	⊕ ⊖ ✕
<input type="text" value="category"/>	<input type="text" value="Category"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	⊕ ⊖ ✕
<input type="text" value="purpose"/>	<input type="text" value="Purpose"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	⊕ ⊖ ✕
<input type="text" value="amount"/>	<input type="text" value="Amount"/>	Decimal ✕ ▾	<input type="text"/>	<input type="checkbox"/>	⊕ ⊖ ✕
+					

Figure 4: Advanced Grid Properties

Name	Description												
ID	Element ID. (By declaring as "entries", a corresponding database table column "c_entries" will be created)												
Label	Element Label to be displayed to end user.												
Form	Target form for record editing.												
Columns	<p>The columns defined here must be correspondent to the Form chosen above.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Value</td> <td> Field ID of the target form. Example: In "HR Expense Claim Entry" form, there are Form Elements with the ID "date", "category", "purpose", and "formattedAmount" </td> </tr> <tr> <td>Label</td> <td>Column Label.</td> </tr> <tr> <td>Format Type</td> <td> If you would like to format the returned value, you may make use of the format type. Available Format Types <ul style="list-style-type: none"> • Date - formats the field as date. • Decimal - formats the field as decimal. </td> </tr> <tr> <td>Width</td> <td> Column width in characters. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p style="margin: 0;">Sample</p> <p style="margin: 0;">200px</p> </div> </td> </tr> <tr> <td>Readonly</td> <td>Determines if the column is editable.</td> </tr> </tbody> </table>	Name	Description	Value	Field ID of the target form. Example: In "HR Expense Claim Entry" form, there are Form Elements with the ID "date", "category", "purpose", and "formattedAmount"	Label	Column Label.	Format Type	If you would like to format the returned value, you may make use of the format type. Available Format Types <ul style="list-style-type: none"> • Date - formats the field as date. • Decimal - formats the field as decimal. 	Width	Column width in characters. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p style="margin: 0;">Sample</p> <p style="margin: 0;">200px</p> </div>	Readonly	Determines if the column is editable.
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Readonly	Determines if the column is editable.												

UI

Edit Advanced Grid > **UI** > Validation & Data Binder

Grid

Search

Readonly

Disable Add Feature

Disable Delete Feature

Default Sorting Column Number (Start from 1)

Sort in descending order?

Delete confirmation message

Show Row Numbering?

Editing

Key to save cell

Edit Hint

Paging

Record Per Page *

Paging Options *

Figure 5: Advanced Grid Properties - UI

Name	Description
Search	Enable search capability within the grid data itself.
Readonly	Determines if the element is editable.
Disable Add Feature	Determines if a new row can be added.
Disable Delete Feature	Determines if a row can be removed.
Default Sorting Column Number	Defines the column index to sort by default. This field accepts integers starting from 1 onwards only. Example: If the grid has 5 columns, inputting a "4" will sort the 4th column from the left in ascending order.
Sort in descending order?	This option is only available once there is input in "Default Sorting Column Number". Check to sort in descending order instead.
Delete confirmation message	Confirmation message when deleting a row.
Show Row Numbering?	Shows numbering on the grid.
Key to save cell	Keyboard key to use to determine when to save and move on to the next cell.
Edit hint	Edit hint message.
Record Per Page	Paging Parameter - Record to show per Page
Paging Options	Paging Parameter - Paging Options

Validation & Data Binder

Edit Advanced Grid > UI > Validation & Data Binder

Validation

Validator

Unique Column

Min Number of Row Validation (Integer)

Max Number of Row Validation (Integer)

Error Message

Data Binder

Load Binder

Store Binder

Figure 6: Advanced Grid Properties - Validation & Data Binder

Name	Description
Validator	Attach a Validator plugin to validate the input value. Please see Form Validator . <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> When will validation takes place? Validation will takes place whenever form is submitted except when it is submitted as "Save as Draft". </div>
Unique Column	Column/Field ID to identify record ID.
Min Number of Row Validation (Integer)	Min Number of Row Validation (Integer)
Max Number of Row Validation (Integer)	Max Number of Row Validation (Integer)
Error Message	Error message to be shown when row requirements set above is not met.
Load Binder	Option by default. Grid data will be saved/loaded in JSON format in its defined database cell. In this example, Multirow Form Binder is used to load data from other form. See list of available Form Binder .
Store Binder	Option by default. Grid data will be saved/loaded in JSON format in its defined database cell. In this example, Multirow Form Binder is used to load data from other form. See list of available Form Binder .