

# Advanced Grid

## New Feature

Newly introduced in Joget Workflow v5

**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.

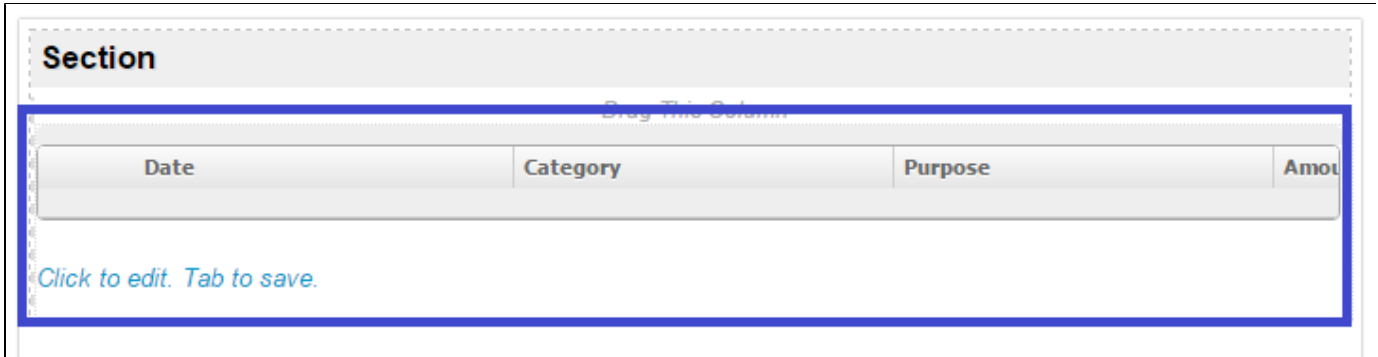


Figure 1: Screenshot highlighting Advanced Grid in Form Builder



Figure 2: Screenshot highlighting Advanced Grid in actual Form

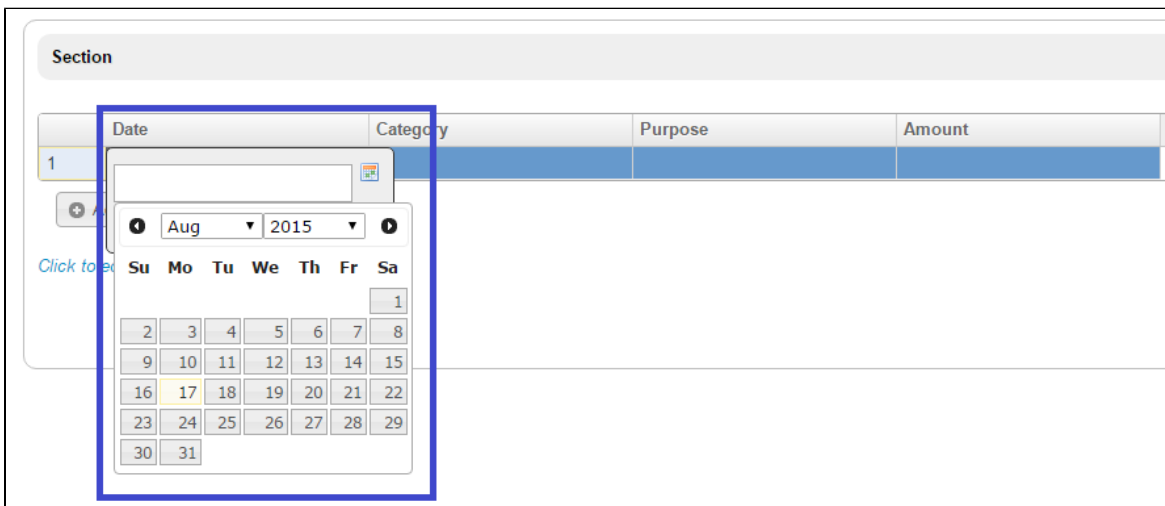
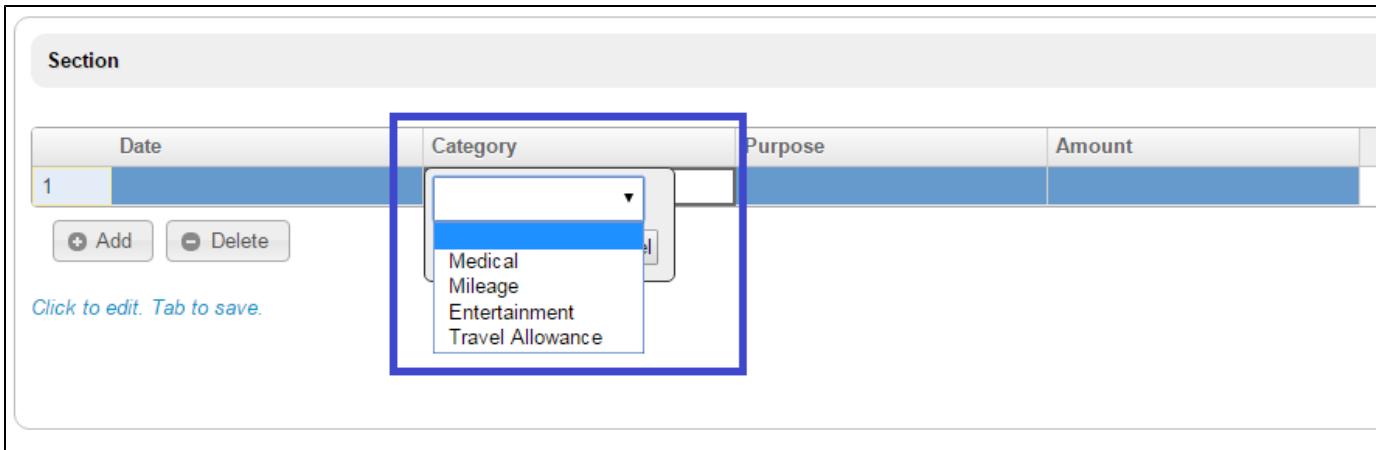


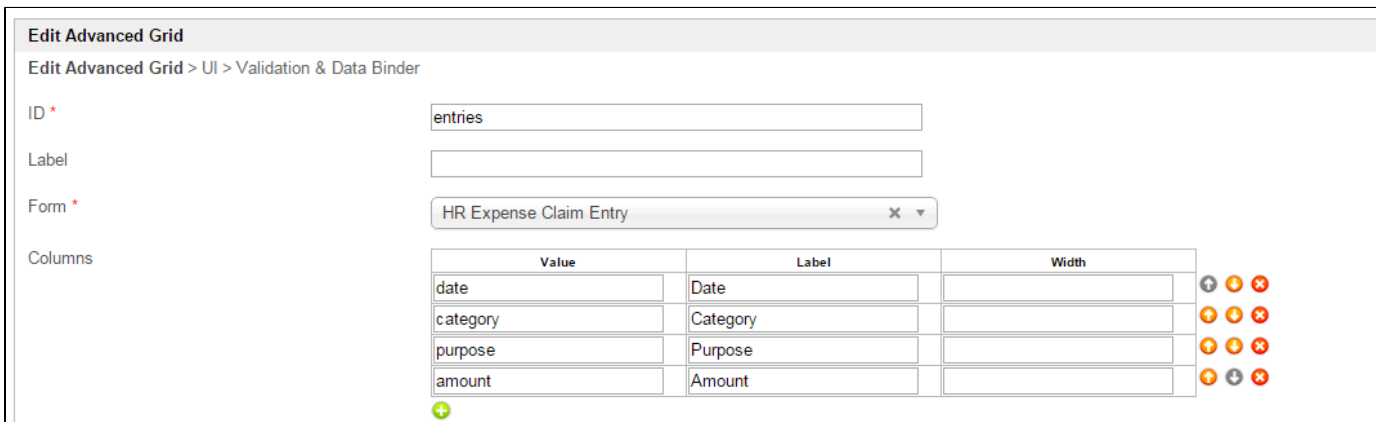
Figure 3: Screenshot highlighting Advanced Grid on Date Picker element in Form Builder

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



**Figure 4: Screenshot highlighting Advanced Grid on Select Box element in Form Builder**

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



**Figure 5: 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	The columns defined here must be correspondent to the Form chosen above. <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>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>Width</td> <td>Column width in characters. <div style="border: 1px solid gray; padding: 10px; margin-top: 10px; text-align: center;"> <p><b>Sample</b></p> <p>200px</p> </div> </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.	Width	Column width in characters. <div style="border: 1px solid gray; padding: 10px; margin-top: 10px; text-align: center;"> <p><b>Sample</b></p> <p>200px</p> </div>
Name	Description								
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Label	Column Label.								
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**UI**

Edit Advanced Grid > UI > Validation & Data Binder

**Grid**

Search

Readonly

Disabled Add Feature

Disabled Delete Feature

Delete confirm message

Show Row Numbering?

**Editing**

Key to save cell

Edit Hint

**Paging**

Record Per Page \*

Paging Options \*

**Figure 6: 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.
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 7: Advanced Grid Properties - Validation & Data Binder**

Name	Description
Validator	Attach a Validator plugin to validate the input value. <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p><b>When will validation takes place?</b>              Validation will takes place whenever form is submitted except when it is submitted as "Save as Draft".</p> </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.
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.