Form Grid

Form Grid extends the default functionalities of a typical grid element. Unlike the generic grid element that only accepts standard text field for its inputs, the Enhanced Grid Form Element captures data by making reference to another form element. Hence, one can take full advantage of what a typical form element has to offer, e.g., validation and formatting.

		Drag This Column		
Expense Clai	m Details			
Ref	AUTO			
Fitle *				
Submitted By	Admin Ad	dmin		
loto: The title shar	uld appear in this format	yyampla Jan 06		
	uld appear in this format, e	example, Jan Ub		
assword				
(nenses Item	(e)			
		Drag This Column		
xpenses Item Date	(s) Category	Drag This Column Purpose		Amount
		Purpose	Drag Th	nis Column
penses Item Date	Category		Drag Th	

Figure 1: Screenshot of Form Grid in sample HR Expenses Claim app

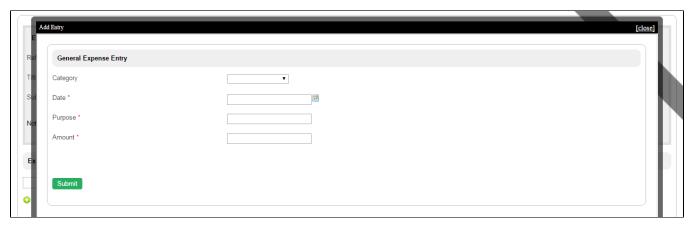


Figure 2: Screenshot of Form Grid in sample HR Expenses Claim app - Add New Row

Edit Form Grid						
Edit Form Grid > UI > Validation & Data B	inder > Load Binder (Multirow F	orm Binder) > Store E	Binder (Multirow Form Binder	r)		
ID*	entries					
Label						
Form *	HR Expense Claim	Entry	X v			
Columns	Value	Label	Format Type	Format	Width	
Value should mapped to Field ID of form	date	Date	Text ▼			O 0
	category	Category	Text ▼			00
	purpose	Purpose	Text ▼			00
	formattedAmount	Amount	Text ▼			00
	0					

Figure 3: Form Grid Properties

Name	Description		
)	Element ID (By declaring as "entries", a corresponding database table column "c_entries" will be created)		
ibel	Element Label to be displayed to end user.		
olumns	The columns de	The columns defined here must be correspondent to the Form chosen above.	
	Name Description		
	Value	Field ID of the form element to reference to 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.	
		Default choice: Text.	
		Available Format Types	

- **Text** formats the value as text
- HTML outputs data as HTML
- Date formats as date. Original Date and New Date formats are expected in the "Format" field.

Format: (input format)|(output format)

Example of usage: Original value: 5/23/2012 Expected value: 2012/5/23 Format: M/d/y|y/M/d

Note: Please refer to Java SimpleDateFormat for date format.

- Decimal formats as decimal. Number of decimals is expected in the "Format" field.
- File Show the value as a link to the attachment. Form Def ID is expected in the "Format" field.



Expected Form Def ID

Specify the Form Def ID that contains the actual File Upload form element.

• Image - Show the value as a thumbnail of the attachment. Form Def ID is expected in the "Format" field.



Expected Form Def ID

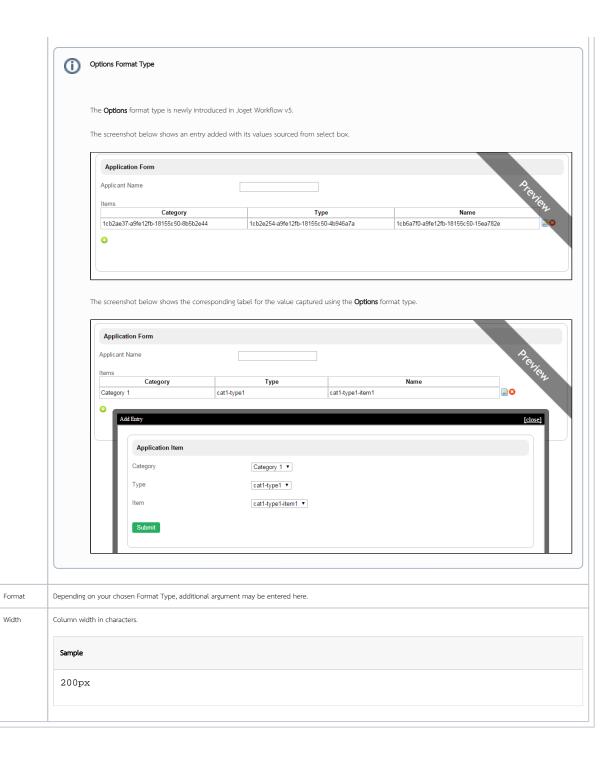
Specify the Form Def ID that contains the actual Image Upload / File Upload form element.

• Options - Show the label of multiple choice element given the value given. Form Def ID is expected in the "Format" field.



Expected Form Def ID

Specify the Form Def ID that contains the actual Select Box / Radio / Check Box form element.



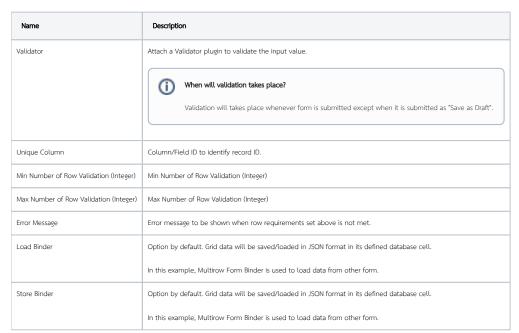
UI		
Edit Form Grid > UI > Validation & Data Binder > Loa	d Binder (Multirow Form Binder) > Store Binder (Multirow Form Binder	r)
Sorting		
Enable Sorting Feature		
Field ID for Sorting	sort	
Form		
Form Submit Button Label (Normal Mode)	Submit	
Form Submit Button Label (Readonly Mode)	Close	
Display field as Label when readonly?		
Popup Dialog Height	500	
Popup Dialog Width	900	
Grid		
Readonly		
Disabled Add Feature		
Disabled Delete Feature		
Delete confirm message	Delete row?	
Show Row Numbering?		

Figure 4: Form Grid Properties - UI

Name	Description	
Enable Sorting Feature	Determines if ordering of rows is to be enforced.	
Field ID for Sorting	Field to keep the ordering sequence; must correspond with a field id in the target fo	
Form Submit Button Label (Normal Mode)	Label of the Submit button in normal mode.	
Form Submit Button Label (Readonly Mode)	Label of the Submit button in read-only mode.	
Popup Dialog Height	Specifies the height, in characters.	
	Sample	
	200px	
Popup Dialog Width	Specifies the width, in characters.	
	Sample	
	200px	
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.	

Validation & Data Binder	
Edit Form Grid > UI > Validation & Data Binder > Loa	ad Binder (Multirow Form Binder) > Store Binder (Multirow Form Binder)
Validation	
Validator	Ψ
Unique Column	
Min Number of Row Validation (Integer)	
Max Number of Row Validation (Integer)	
Error Message	Invalid number of rows
Data Binder	
Load Binder	Multirow Form Binder X 🔻
Store Binder	Multirow Form Binder × ▼

Figure 5: Form Grid Properties - Validation & Data Binder



Configure Multirow Form Binder			
Edit Form Grid > UI > Validation & Dat	a Binder > Configure Multirow Form Binder > Store Binder	(Multirow Form Binder)	
Form *	HR Expense Claim Entry	X T	
Foreign Key *	claim		

Figure 6: Form Grid Properties - Load Binder - Multirow Form Binder

Name	Description
Form	Form to store to or load from
Foreign Key	Foreign Key for records lookup.

Configure Multirow Form Binder		
Edit Form Grid > UI > Validation & Data Binder > Load	Binder (Multirow Form Binder) > Configure Multirow Form Bind	der
Form *	HR Expense Claim Entry	× v
Foreign Key *	claim	

Figure 6: Form Grid Properties - Store Binder - Multirow Form Binder

Name	Description
Form	Form to store to or load from
Foreign Key	Foreign Key for records lookup.