

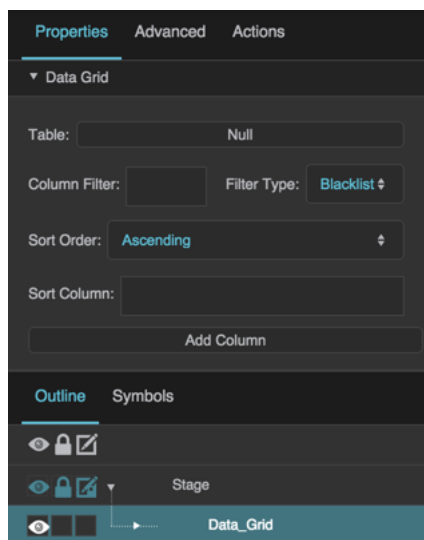
Data Grid Properties

The following properties affect the data grid component. For data grids, you can customize properties for the header, rows, and columns.

For a guide to using the data grid component, see [Data Grid](#).



Data grid components are also affected by [Common Properties](#).



[General Data Grid properties](#)

The image displays three panels of the Data Grid Properties inspector, each showing different settings for a specific part of the data grid.

- Left Panel (Data Grid Header properties):** Shows properties for the 'Header' element. Under 'Text and Font', the font is 'Arial' and size is '18'. Under 'Gridlines', the 'Vert Line' is checked with a 'None' stroke. Under 'Fill and Stroke', the 'Main' fill is 'None'. The 'Position and Size' section shows the element is 'auto' sized.
- Middle Panel (Data Grid Row properties):** Shows properties for the 'Rows' element. Under 'Text and Font', the font is 'Arial' and size is '18'. Under 'Gridlines', the 'Gridlines' are set to 'Both'. Under 'Fill and Stroke', the 'Main' fill is 'None'. The 'Position and Size' section shows the element is '24px' high.
- Right Panel (Data Grid Column properties):** Shows properties for 'Column 0'. Under 'Column', the 'Label' is empty, 'Type' is 'All', and 'Selector' is empty. Under 'Symbol', the 'Symbol' is 'Drag symbol here'. The 'Position and Size' section shows the element is 'auto' sized.

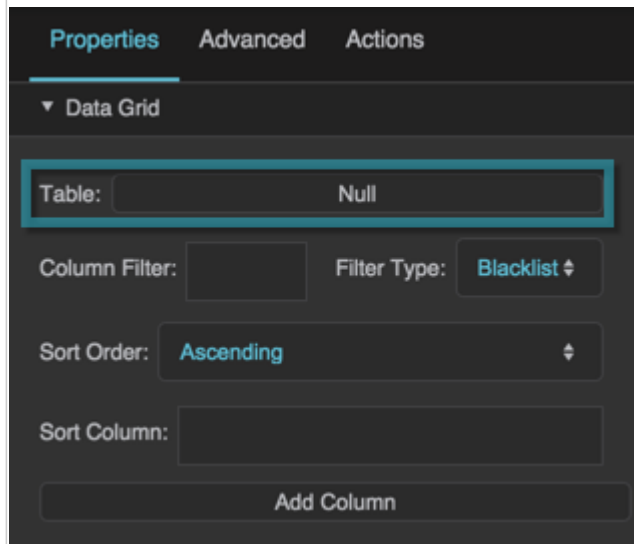
Click to display/hide all elements

General Data Grid properties

These properties affect the entire data grid. To see these properties in the Property Inspector, click on your data grid on the Stage or in the Outline.

Table

Defines the table that the data grid uses as a data source.

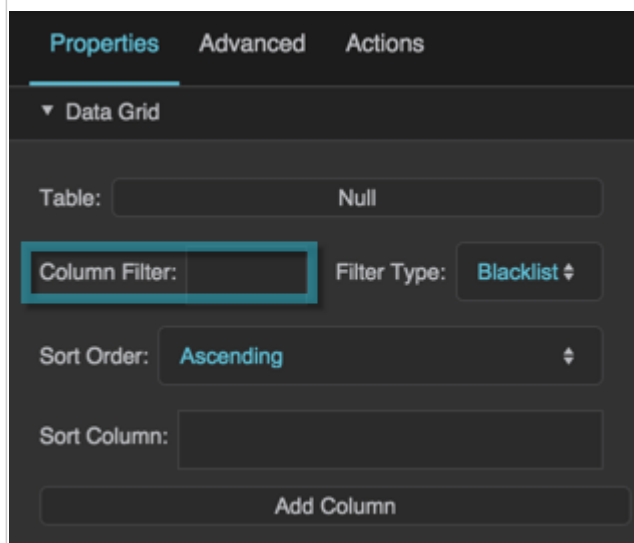


The screenshot shows the 'Data Grid' properties panel. The 'Table' property is highlighted with a red box and contains the value 'Null'. Other visible properties include 'Column Filter' (empty), 'Filter Type' (set to 'Blacklist'), 'Sort Order' (set to 'Ascending'), and 'Sort Column' (empty). An 'Add Column' button is at the bottom.

The Table property

Column Filter

Specifies the columns for a filter, as a comma-separated list of table column names. Use the Filter Type property to specify whether these columns are shown in this data grid or hidden from it. The order of columns in a whitelist filter overrides the column order in the Outline and the source table.



The screenshot shows the 'Data Grid' properties panel. The 'Column Filter' property is highlighted with a red box and is empty. Other visible properties include 'Table' (set to 'Null'), 'Filter Type' (set to 'Blacklist'), 'Sort Order' (set to 'Ascending'), and 'Sort Column' (empty). An 'Add Column' button is at the bottom.

The Column Filter property

Filter Type

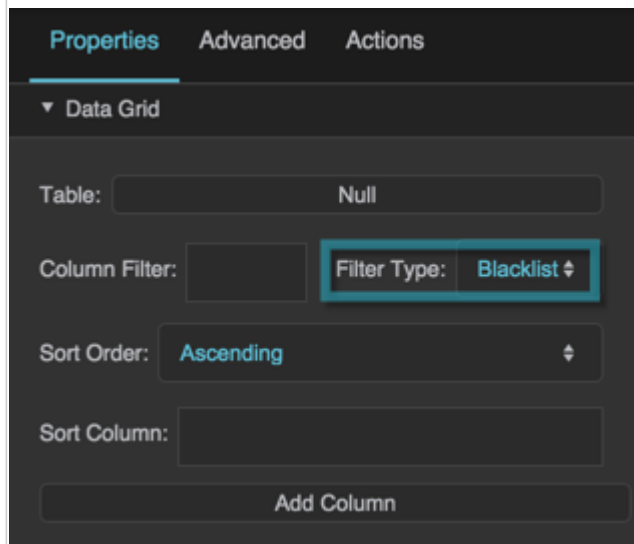
Specifies how this filter handles the listed columns.

Whitelist

Only the listed columns are shown in this data grid. Columns appear in the order specified in the filter.

Blacklist

The listed columns are hidden from this data grid.



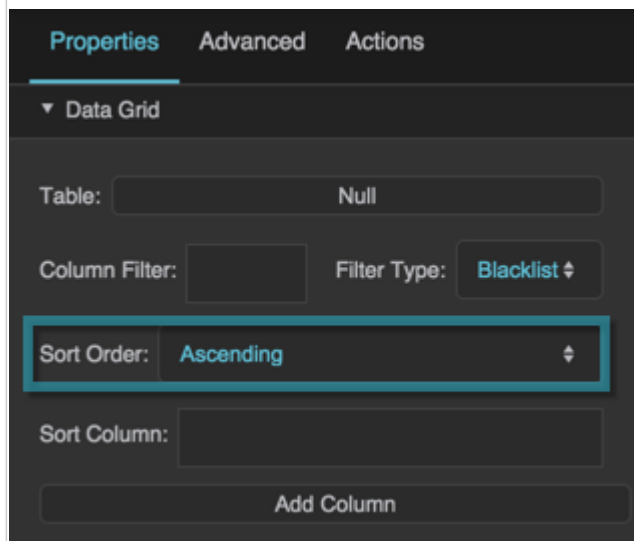
The screenshot shows the 'Data Grid' properties panel with three tabs: 'Properties', 'Advanced', and 'Actions'. The 'Properties' tab is selected. Under the 'Data Grid' section, there are four fields: 'Table' (set to 'Null'), 'Column Filter' (empty), 'Sort Order' (set to 'Ascending'), and 'Sort Column' (empty). The 'Filter Type' dropdown is set to 'Blacklist' and is highlighted with a red rectangle. An 'Add Column' button is at the bottom.

The Filter Type property

Sort Order

Specifies whether the data is sorted in ascending or descending order.

To change whether the data is treated as strings or numbers when sorted, open the dataflow for this data grid and edit the [Sort](#) block.

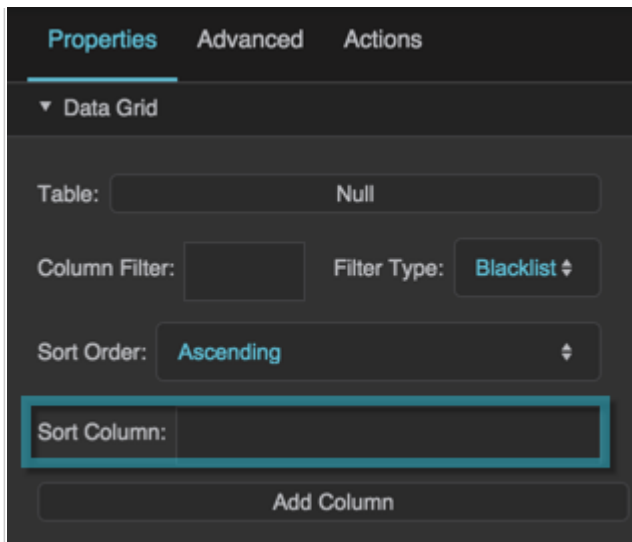


The screenshot shows the 'Data Grid' properties panel with the same fields as the previous one. The 'Sort Order' dropdown is set to 'Ascending' and is highlighted with a red rectangle. The 'Filter Type' is still 'Blacklist'.

The Sort Order property

Sort Column

Specifies the name of the column by which to sort the data. Only works if the column has the **Sortable** property enabled.

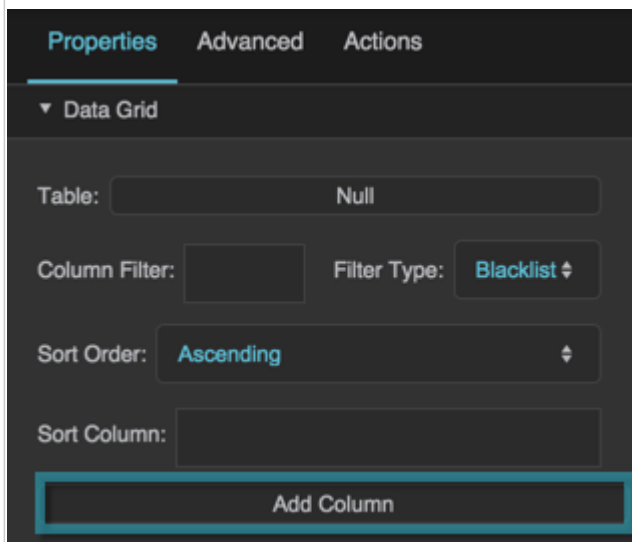


The screenshot shows the 'Properties' tab of a 'Data Grid' configuration panel. It includes fields for 'Table' (set to 'Null'), 'Column Filter' (empty), 'Filter Type' (set to 'Blacklist'), and 'Sort Order' (set to 'Ascending'). The 'Sort Column' field is highlighted with a red rectangle. Below these fields is an 'Add Column' button.

The Sort Column property

Add Column

Click this button to add a column editor to the Outline. Each column editor lets you edit the properties of a group of one or more data grid columns.



This screenshot is identical to the one above, showing the 'Data Grid' configuration panel. However, the 'Add Column' button at the bottom is highlighted with a red rectangle.

The Add Column property

Data Grid Header Properties

These properties affect the data grid header. There are four groups of Data Grid Header properties. To see these properties in the Property Inspector, click on Header in the Outline.

Header Text and Font

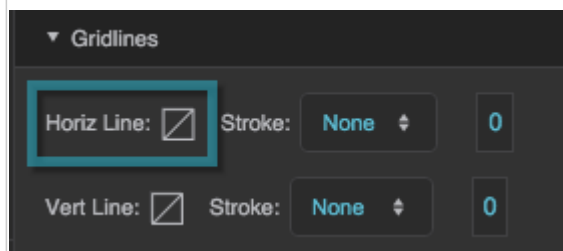
The Text and Font properties for headers are similar to those for [text components](#).

Header Gridlines

These properties control the style of the vertical lines between column headings and the horizontal lines between column headings and category headings.

Header Horizontal Stroke Color

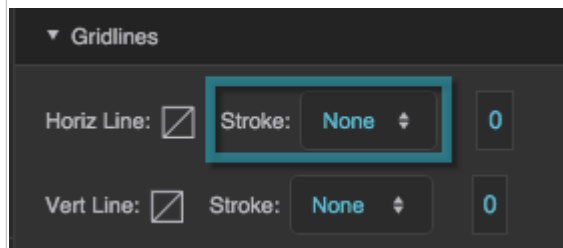
Defines the stroke color for the horizontal lines that divide the column headings and category headings.



The Header Horizontal Stroke Color property

Header Horizontal Stroke Style

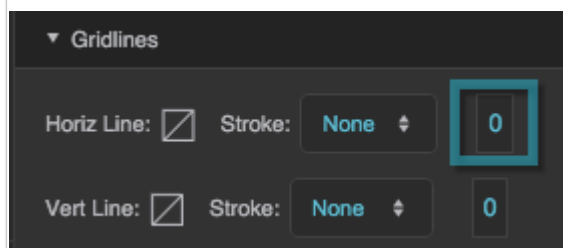
Defines the stroke style for the horizontal lines that divide the column headings and category headings.



The Header Horizontal Stroke Style property

Header Horizontal Stroke Weight

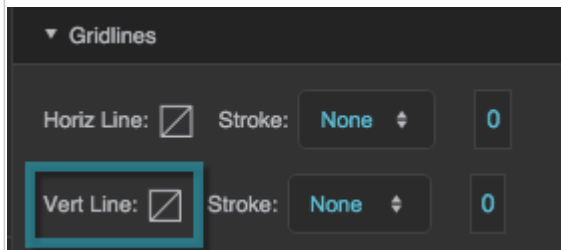
Defines the stroke weight for the horizontal lines that divide the column headings and category headings.



The Header Horizontal Stroke Weight property

Header Vertical Stroke Color

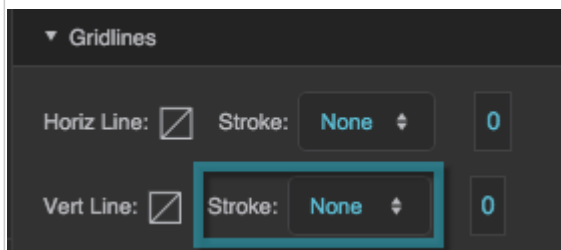
Defines the stroke color for the vertical lines that divide the column headings.



The Header Vertical Stroke Color property

Header Vertical Stroke Style

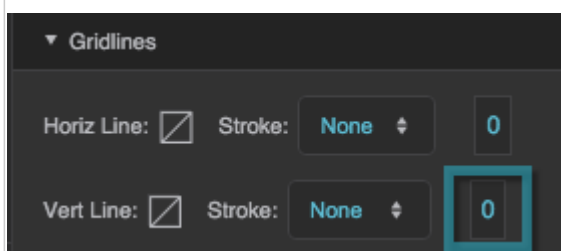
Defines the stroke style for the vertical lines that divide the column headings.



The Header Vertical Stroke Style property

Header Vertical Stroke Weight

Defines the stroke weight for the vertical lines that divide the column headings.



The Header Vertical Stroke Weight property

Header Fill and Stroke

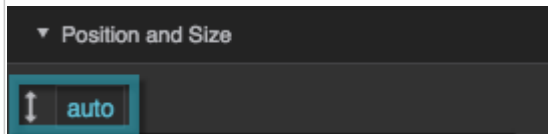
The Fill and Stroke properties for headers are similar to those for [most components](#).

Header Position and Size

This property controls the height of the header.

Header Height

Defines the height of the header in pixels. A value of Auto makes the header height follow the size of its content.



The Header Height property

Data Grid Row Properties

These properties affect data grid rows. There are four groups of Data Grid Rows properties. To open these properties in the Property Inspector, click on Rows in the Outline.

Row Text and Font

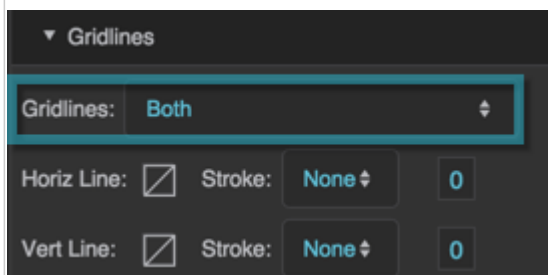
The Text and Font properties for data grid rows are similar to those for [text components](#).

Row Gridlines

These properties control the lines that divide the columns and rows.

Gridlines

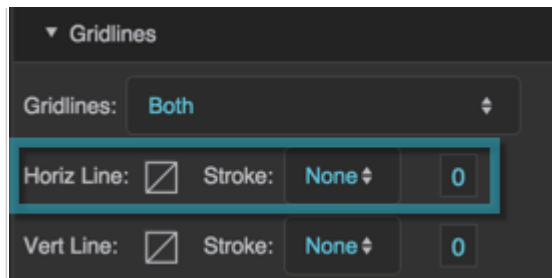
Specifies whether the Property Inspector displays property editing options for horizontal gridlines, vertical gridlines, or both. Changing which gridline properties are displayed does not reset any properties.



The Gridlines property

Horizontal Line

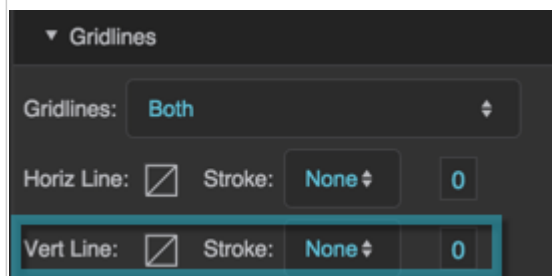
These properties define the horizontal lines between rows. They are similar to the Stroke properties for [most components](#)



The Horizontal Line properties

Vertical Line

These properties define the vertical lines between columns. They are similar to the Stroke properties for [most components](#).



The Vertical Line properties

Row Fill and Stroke

The Fill and Stroke properties for rows are similar to those for [most components](#). You can define fill and stroke for the types of rows listed in the table. In each case, the properties define the fill for the row, and the stroke that outlines the row.

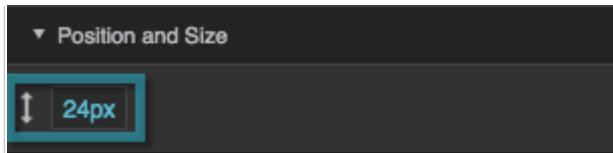
Property	Description
Main Rows	The first group of alternating rows.
Alternate Rows	The second group of alternating rows.
Hovered Row	The row that the user mouses over.
Focused Row	The row that is in focus.
Selected Rows	The selected rows. Only works if selection is enabled for this data grid.

Row Position and Size

This property controls the row height:

Row Height

Defines the height in pixels of each data grid row.



The Row Height property

Column Properties

These properties affect data grid columns. There are three groups of column properties. To open these properties in the Property Inspector, expand Column in the Outline, and select a column editor.

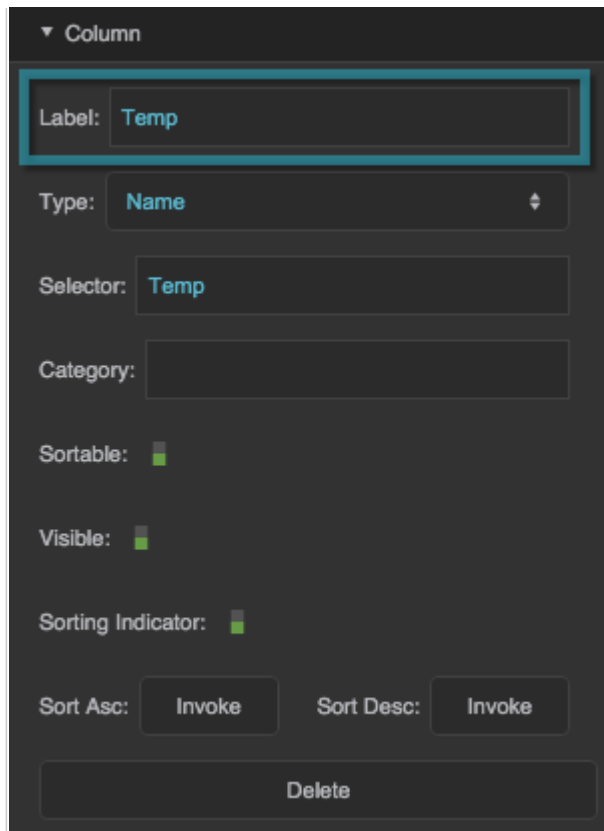
A column editor lets you edit the properties of a group of one or more data grid columns. To add a column editor, go to the General Data Grid Properties and click Add Column.

Column Editor Properties

These properties specify which columns this editor controls, as well as sorting and visibility for those columns.

Column Label

Defines the label to be used as heading text for columns controlled by this [column editor](#).



▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☒

Visible: ☒

Sorting Indicator: ☒

Sort Asc: Invoke Sort Desc: Invoke

Delete

The Column Label property

Column Editor Type

Defines the kind of column group this column editor controls. See [About Column Editors and Column Order](#)

all

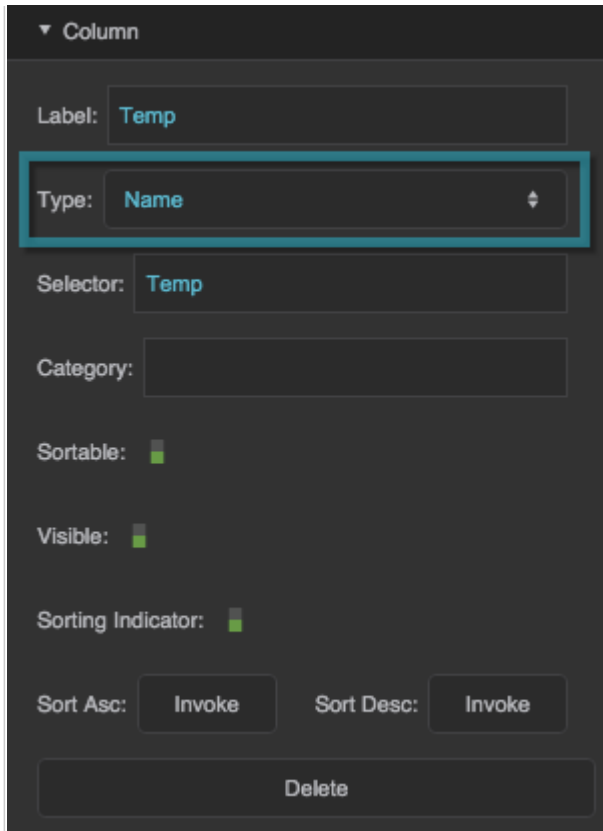
An All column editor dictates that all of the columns from the source table are included in the grid, except for those that you filter out of the entire grid. Grid columns appear in source table order, unless you specify another order using a whitelist filter. Properties edited for this column editor apply to all columns.

name

Each Name column editor dictates that one column from the source table is included in the grid. Grid columns appear in the order in which they appear in the Outline, unless you specify another order using a whitelist filter. Properties edited for this column editor apply to this column.

repeater

A Repeater column editor lets you use a configuration table to determine which source table columns appear in the grid, which symbols represent those columns (if any), and properties of the symbols.



▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☒

Visible: ☒

Sorting Indicator: ☒

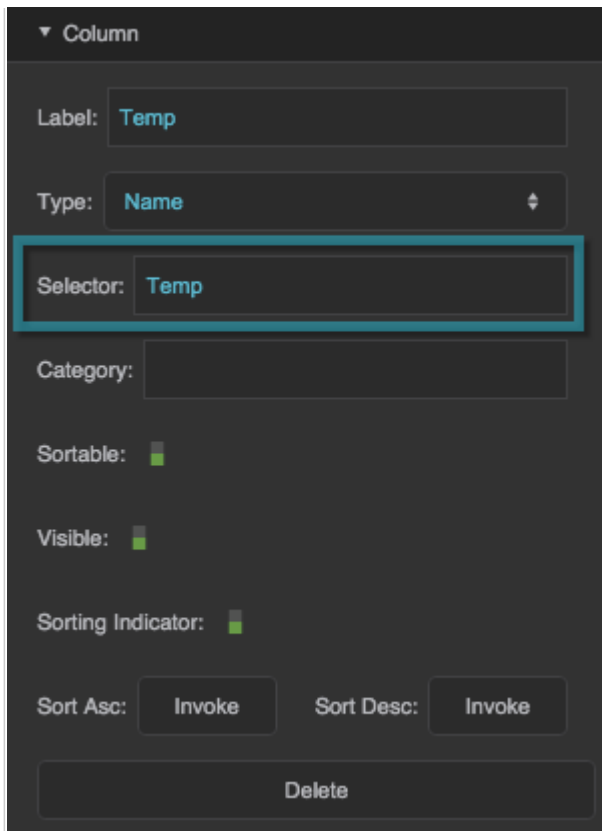
Sort Asc: Invoke Sort Desc: Invoke

Delete

The Column Editor Type property

Column Editor Selector

Specifies which column or columns this column editor controls. If the column editor type is All, this property does nothing. If the column editor type is Name, this property specifies the name of one column in the source table. If the column editor type is Repeater, this property specifies which column of the configuration table contains the data table column names.



▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☐

Visible: ☐

Sorting Indicator: ☐

Sort Asc: Invoke Sort Desc: Invoke

Delete

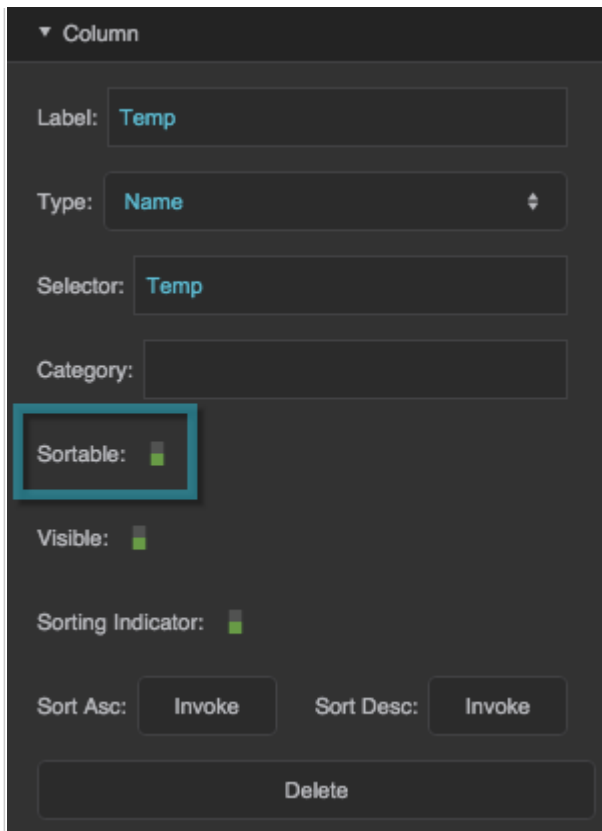
The Selector property

Category

Specifies the category to which this column belongs. Must match the Selector property of some other column editor in this grid. For more information, see [Using the Category Feature](#).

Sortable

Specifies whether the columns affected by this column editor are sortable.



▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☒

Visible: ☒

Sorting Indicator: ☒

Sort Asc: Invoke Sort Desc: Invoke

Delete

The Sortable property

Visible

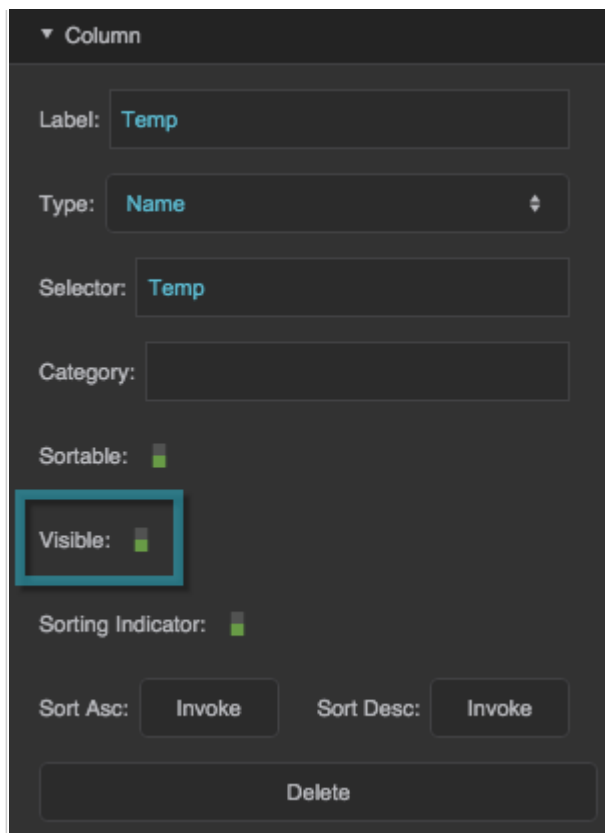
Defines whether this element is visible. Regardless of value, the element affects layout and is stored in the user's browser memory. Because the element is stored in memory, performance might be affected.

TRUE

This element is visible.

FALSE

This element is not visible, but it still affects layout and is stored in browser memory.



The image shows a dark-themed 'Column' editor interface. It contains several input fields and checkboxes. The 'Label' field is set to 'Temp'. The 'Type' dropdown is set to 'Name'. The 'Selector' field is set to 'Temp'. The 'Category' field is empty. The 'Sortable' checkbox is checked. The 'Visible' checkbox is checked and is highlighted with a red rectangle. The 'Sorting Indicator' checkbox is checked. At the bottom, there are 'Sort Asc' and 'Sort Desc' buttons, both labeled 'Invoke', and a 'Delete' button.

The Visible property

Sorting Indicator

Specifies whether a graphic appears in the column that currently sorts the data. The Sorting Indicator property for a Name column editor overrides the Sorting Indicator property for an All column editor.

▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☐

Visible: ☐

Sorting Indicator: ☐

Sort Asc: Invoke

Sort Desc: Invoke

Delete

The Sorting Indicator property

Sort Ascending

Sorts the data using this column, in ascending order. Using this trigger changes the **Sort Order** to Ascending, under Data Grid properties.

▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☐

Visible: ☐

Sorting Indicator: ☐

Sort Asc: Invoke

Sort Desc: Invoke

Delete

The Sort Ascending property

Sort Descending

Sorts the data using this column, in descending order. Using this trigger changes the **Sort Order** to Descending, under Data Grid properties.

▼ Column

Label: Temp

Type: Name

Selector: Temp

Category:

Sortable: ☐

Visible: ☐

Sorting Indicator: ☐

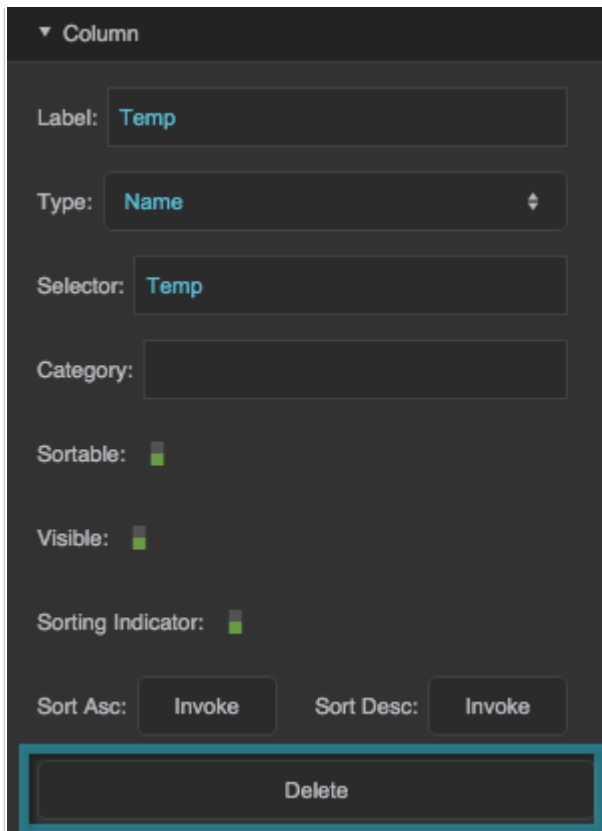
Sort Asc:

Sort Desc:

The Sort Descending property

Delete

Deletes this column editor.



▼ Column

Label:

Type:

Selector:

Category:

Sortable: ☒

Visible: ☒

Sorting Indicator: ☒

Sort Asc: Sort Desc:

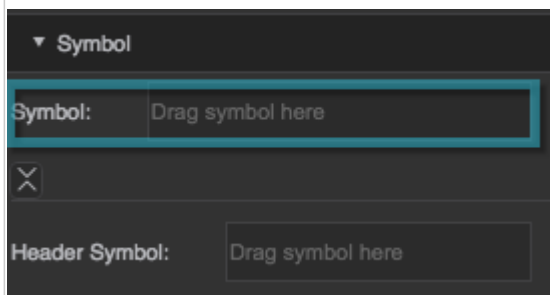
The Delete property

Column Symbol Properties

These properties control symbols that appear in this data grid.

Symbol

Specifies the name of the symbol that appears in each cell of the columns affected by this column editor.



▼ Symbol

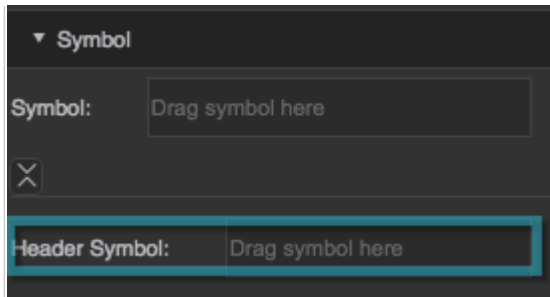
Symbol:

Header Symbol:

The Symbol property

Header Symbol

Specifies the name of the symbol that appears in the header of the columns affected by this column editor.



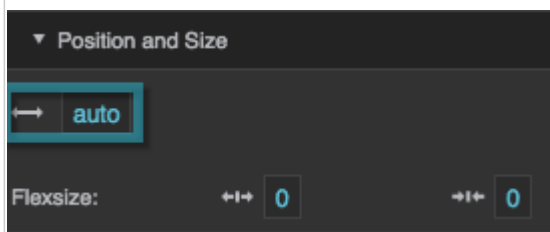
The Header Symbol property

Column Position and Size Properties

These properties control column width.

Column Width

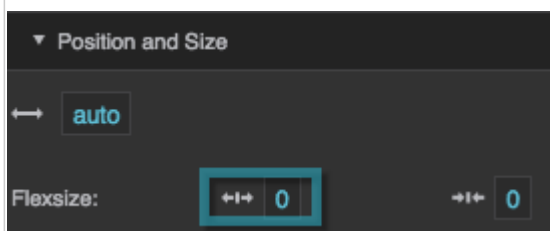
See [Common Properties](#).



The Column Width property

Column Flex-Grow

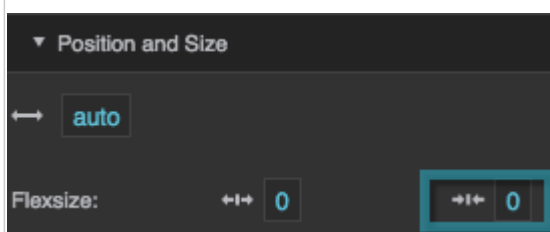
See [Position and Size Properties](#).



The Column Flex-Grow property

Column Flex-Shrink

See [Position and Size Properties](#).



The Column Flex-Shrink property

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