

Input Component Properties

These properties affect input components.

For a guide to using input components, see [Designing Input Components](#).



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

The image displays three side-by-side screenshots of the Axure RP software interface, each showing the properties panel for a different input component:

- Text Input properties:** The 'Input' section shows 'Value' (empty), 'Is Valid: true', 'Live Update: true', 'Input Type: Text', 'Placeholder: 123', 'Font: Arial', 'Size: 12', 'Horiz Alignment: Left', and 'Text Direction: Left to Right'.
- Number Input properties:** The 'Input' section shows 'Value: 0', 'Min: null', 'Max: null', 'Step: 1', 'Is Valid: true', 'Live Update: true', 'Placeholder: 123', 'Font: Arial', 'Size: 12', 'Horiz Alignment: Left', and 'Text Direction: Left to Right'.
- File Input properties:** The 'File Input' section shows 'Filename' (empty), 'File Content: Alt+Enter for new line', 'Files: Table..', 'Mode: String', 'Selection Type: Multiple Files', 'Accept' (empty), and 'Open: Invoke'.

Each screenshot also shows an 'Outline' view at the bottom with a selected component: 'Text_Input', 'Number_Input', and 'File_Input' respectively.

Text Input properties

Number Input properties

File Input properties

This screenshot shows the 'Properties' panel for a Date Input component. The 'Input' section includes a 'Value' field, 'Is Valid' and 'Live Update' checkboxes, an 'Input Type' dropdown set to 'Date', and font settings (Arial, size 12). The 'Outline' section shows the component on a stage with the label 'Date_Input'.

Date Input properties

This screenshot shows the 'Properties' panel for a Range Input component. The 'Input' section includes a 'Value' field set to 0, 'Min' and 'Max' fields set to null, and a 'Step' field set to 1. It also features font settings and a 'Text Direction' dropdown. The 'Outline' section shows the component on a stage with the label 'Range_Input'.

Range Input properties

This screenshot shows the 'Properties' panel for a List Input component. The 'List Element' section includes a 'Value' field, a 'Selected Index' dropdown set to -1.00, and an 'Options' field. It also includes font settings, a 'Placeholder' field, and 'Option Font Styles' settings. The 'Outline' section shows the component on a stage with the label 'List'.

List Input properties

This screenshot shows the 'Properties' panel for a Color Input component. The 'Input' section includes a 'Value' field, 'Is Valid' and 'Live Update' checkboxes, and font settings. The 'Advanced' section includes an 'Open' button and a 'Datalist' with an 'Add' button and color swatches. The 'Outline' section shows the component on a stage with the label 'Color_Input'.

Color Input properties

Click to display/hide all elements

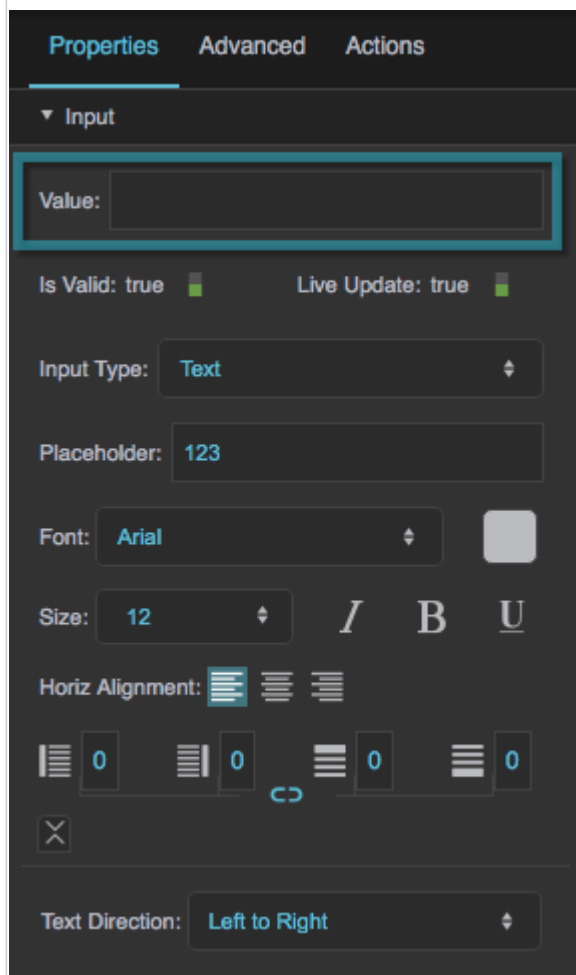
Shared Input Properties

These properties affect any of the following components:

- Text Input
- Text Area
- Password Input
- Date Input
- Color Input
- Number Input
- Range Input

Value

Sets or returns the current contents of this input component.

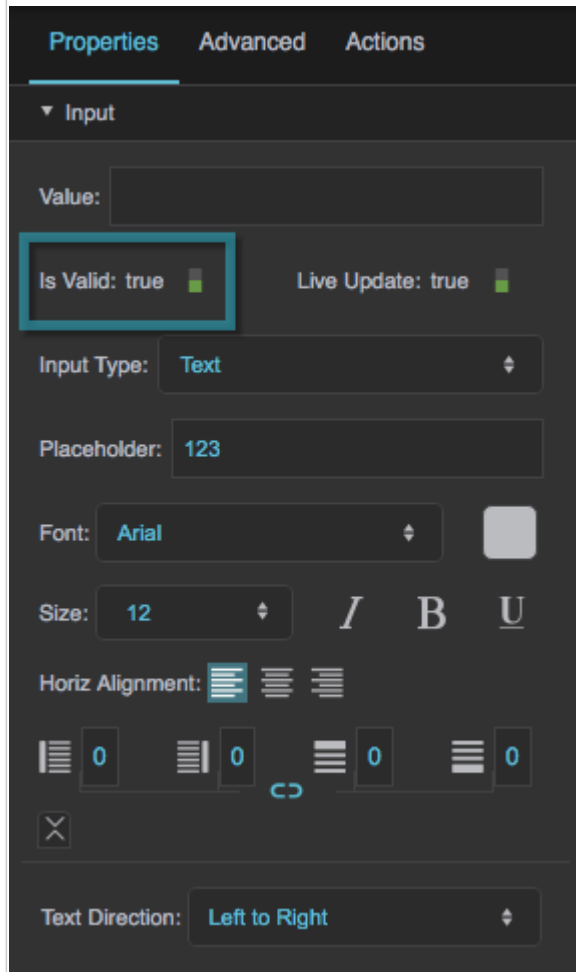


The Value property

Is Valid

Returns whether this component's current contents are valid. Validity is determined by the component type, and by properties like Minimum, Maximum, and Input Type.

Validity is checked whenever data is committed. Therefore, if Live Update is enabled, validity is checked constantly. If Live Update is disabled, validity is checked when the focus leaves the component.



The Is Valid property

Live Update

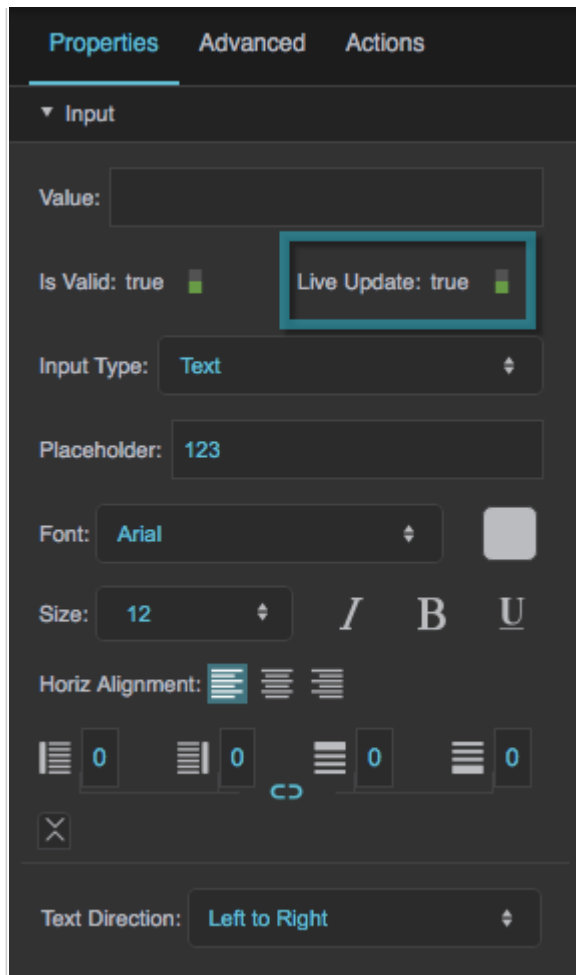
Specifies when the user's changes to this component are committed. This property affects changes made in Preview Mode, the Viewer, and the deployed application. It does not affect changes that you make within the Property Inspector.

TRUE

Changes are committed constantly, as the user makes them.

FALSE

Changes are committed only when focus leaves the component.

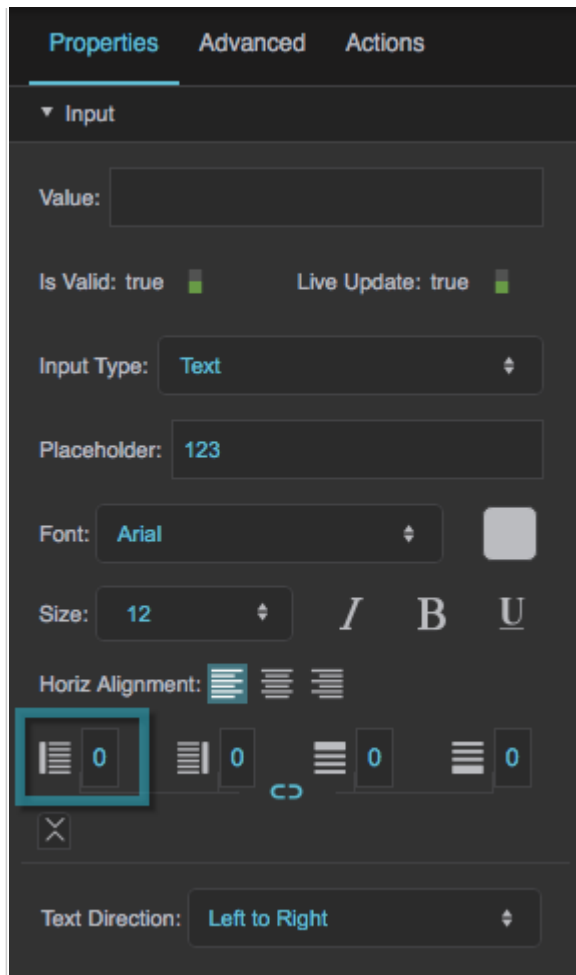


The Live Update property

Left Padding

Defines a number of pixels of space between the left container boundary and the leftmost edge of the content. Negative numbers are not allowed.

Paddings are part of an object's width and height. See [Borders, Padding, and Content Size](#).

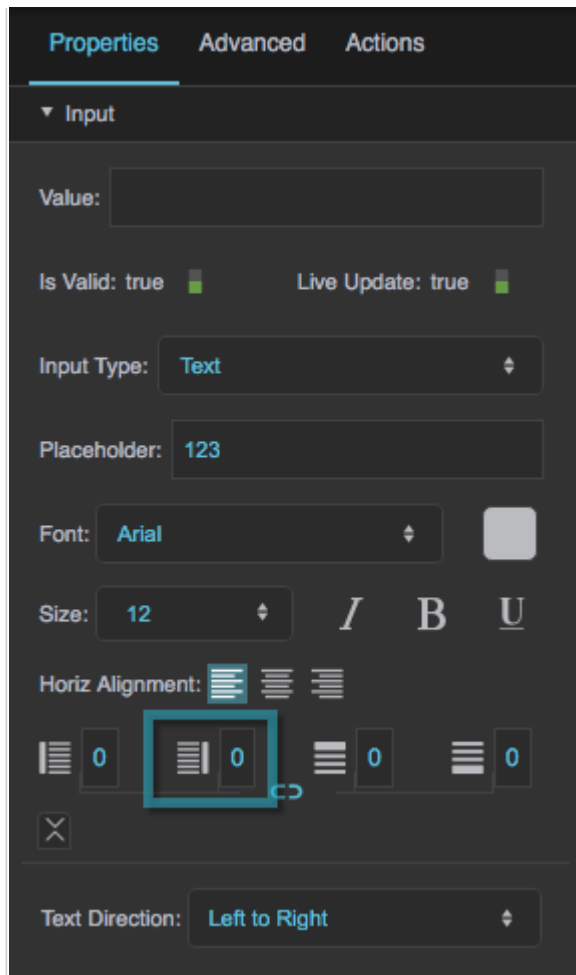


The Left Padding property

Right Padding

Defines a number of pixels of space between the right container boundary and the rightmost edge of the content. Negative numbers are not allowed.

Padding is part of an object's width and height. See [Borders, Padding, and Content Size](#).

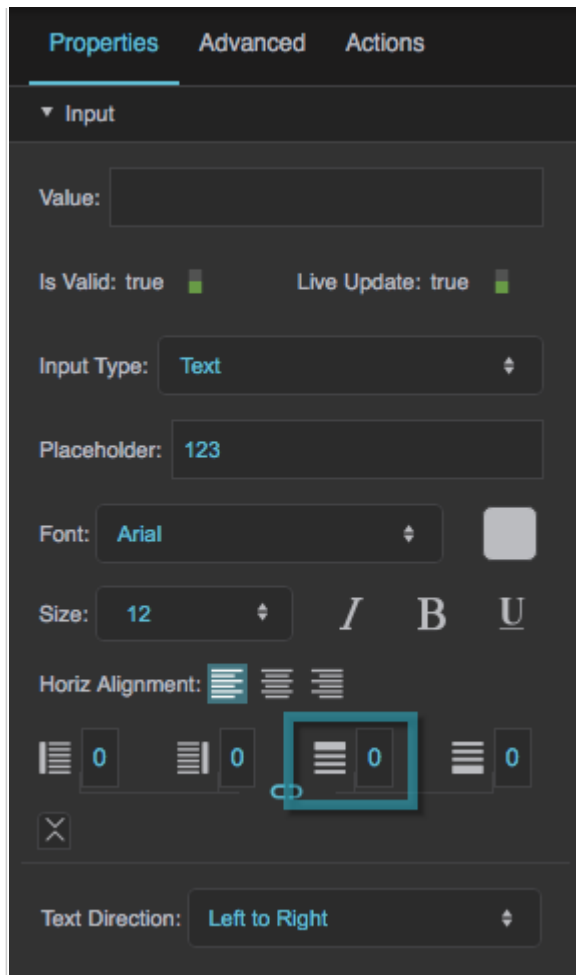


The Right Padding property

Top Padding

Defines a number of pixels of space between the top container boundary and the topmost edge of the content. Negative numbers are not allowed.

Padding is part of an object's width and height. See [Borders, Padding, and Content Size](#).



The Top Padding property

Bottom Padding

Defines a number of pixels of space between the bottom container boundary and the bottommost edge of the content. Negative numbers are not allowed.

Padding is part of an object's width and height. See [Borders, Padding, and Content Size](#).

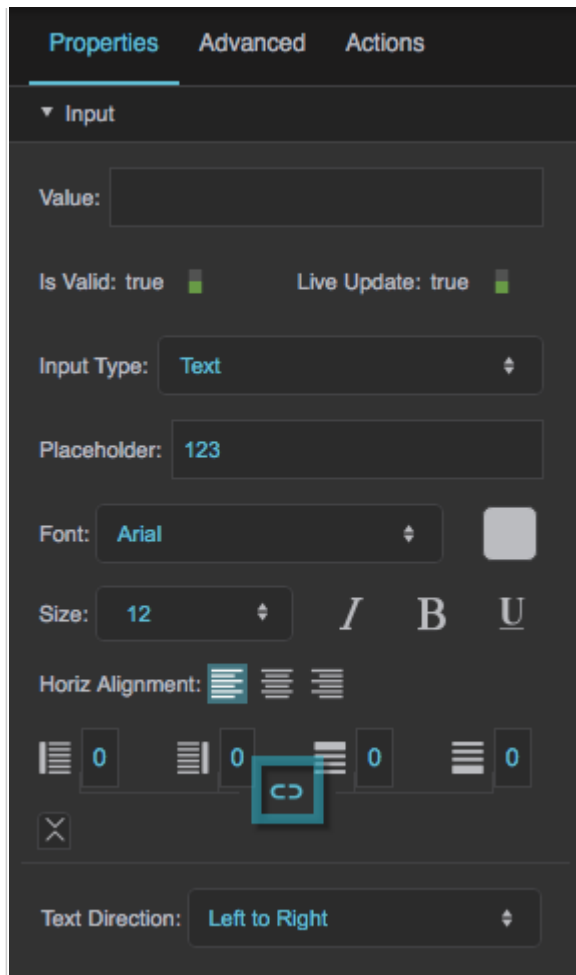
The screenshot shows a dark-themed properties panel for an input component. The panel has three tabs: 'Properties', 'Advanced', and 'Actions'. The 'Input' section is expanded, showing the following properties:

- Value: [Empty text input field]
- Is Valid: true [Green indicator]
- Live Update: true [Green indicator]
- Input Type: Text [Dropdown menu]
- Placeholder: 123 [Text input field]
- Font: Arial [Dropdown menu]
- Size: 12 [Dropdown menu]
- Horiz Alignment: [Three alignment icons]
- Bottom Padding: 0 [Input field with red border]
- Text Direction: Left to Right [Dropdown menu]

The Bottom Padding property

Link Paddings

Links all four padding editors so that their values are equal.



The Link Paddings property

Text Direction

Specifies the direction for text and input in this component, to support the use of right-to-left languages.

Left to right

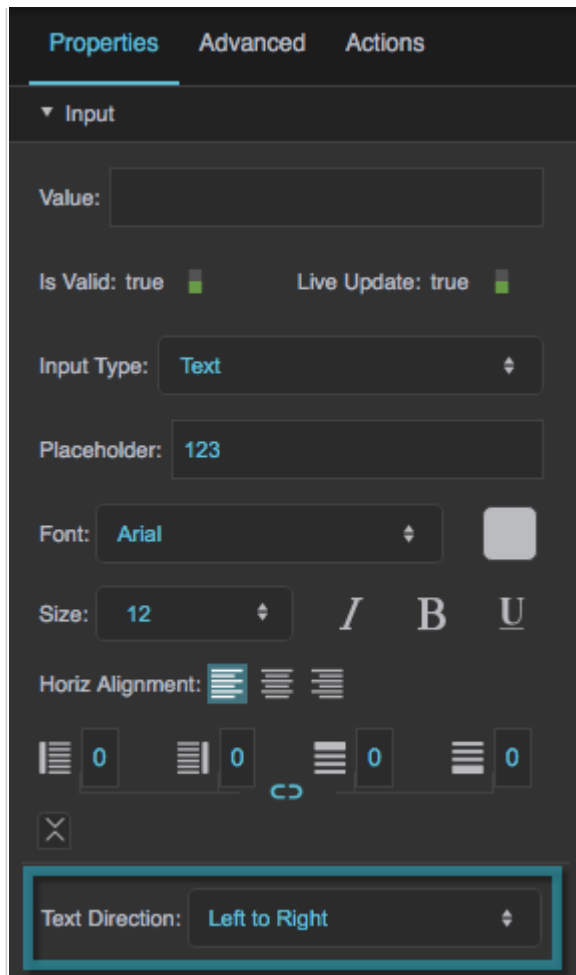
The text or user input direction is left to right.

Right to left

The text or user input direction is right to left.

Auto

The direction of user input is automatically detected as the user enters text.



The Text Direction property

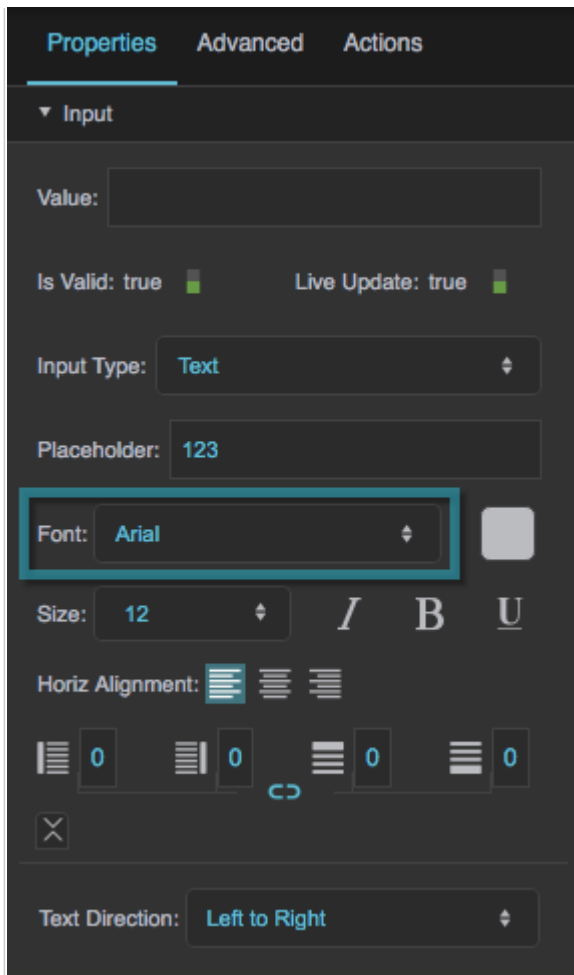
These properties affect any of the following components:

- Text Input
- Text Area
- Password Input
- Date Input
- Number Input

Font

Specifies the font for this element.

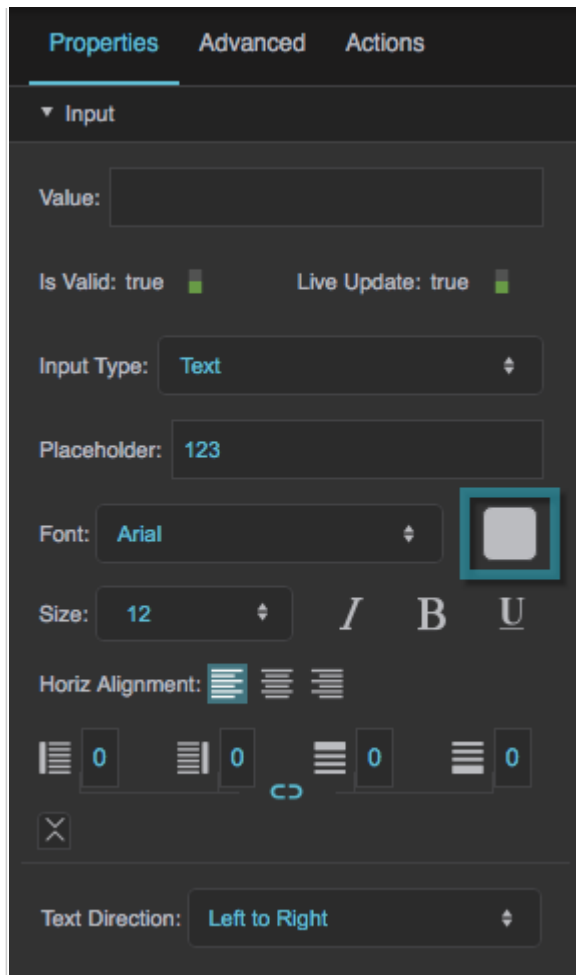
To add a new font to your project and use it for this property, see [How do I add a new font to my project?](#)



The Font property

Font Color

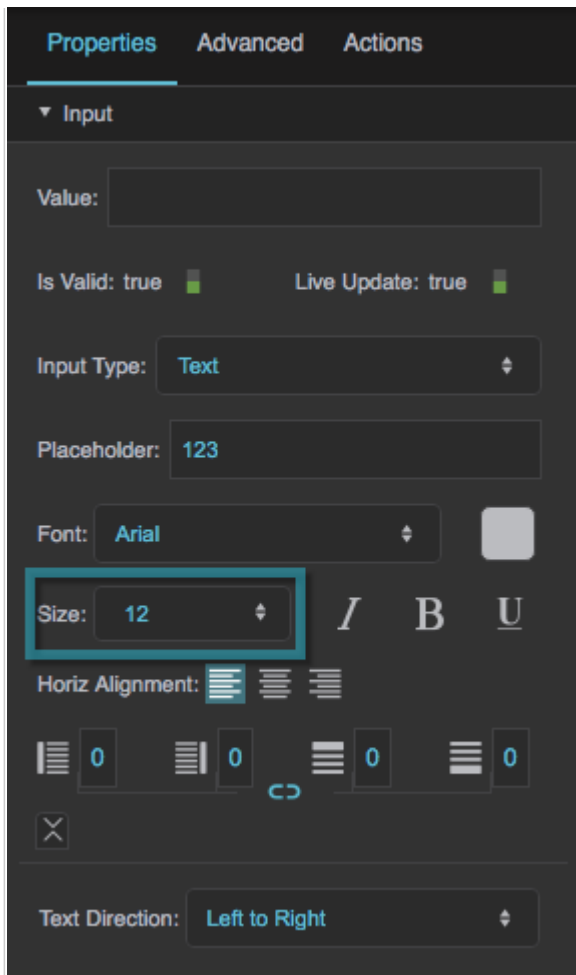
Defines the font color for this component.



The Font Color property

Font Size

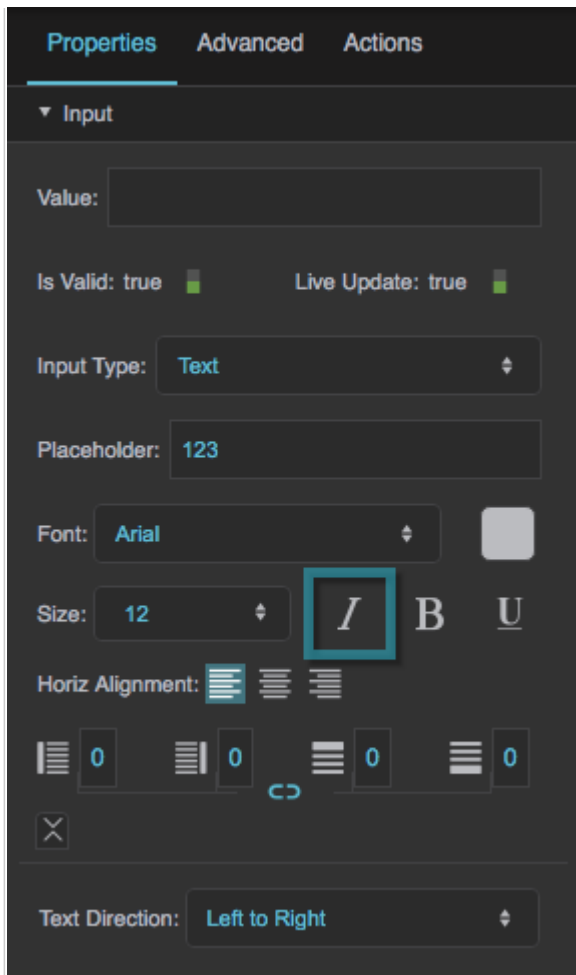
Defines the font size for this component. If the font size is set to Auto, the text scales to occupy the size of the component.



The Font Size property

Italic

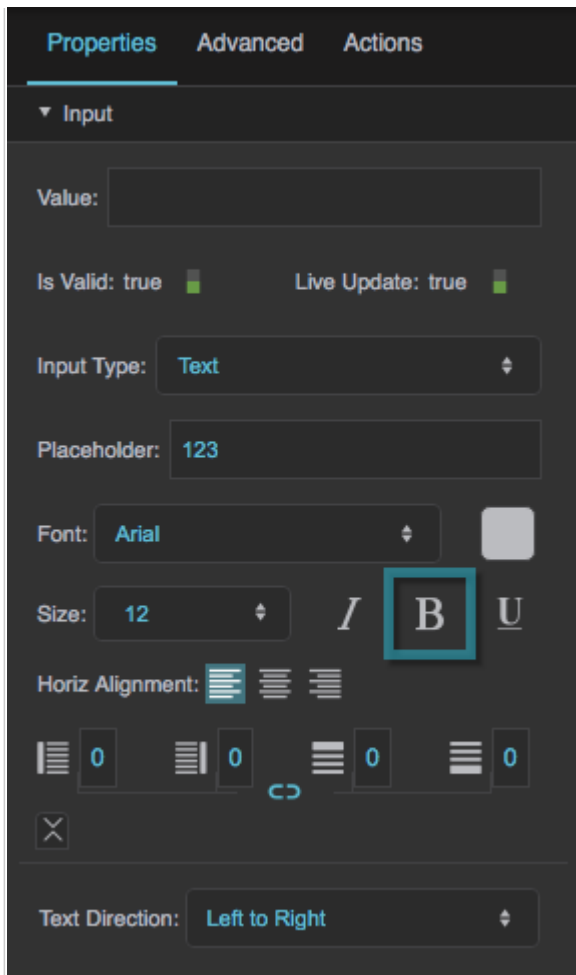
Specifies whether text in this element is italicized.



The Italic property

Bold

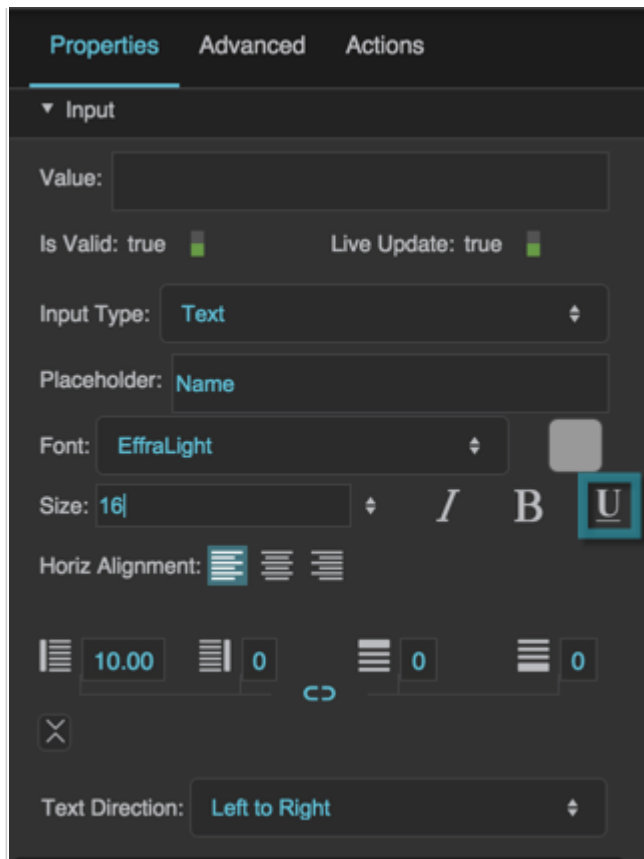
Specifies whether text in this element is bold.



The Bold property

Underline

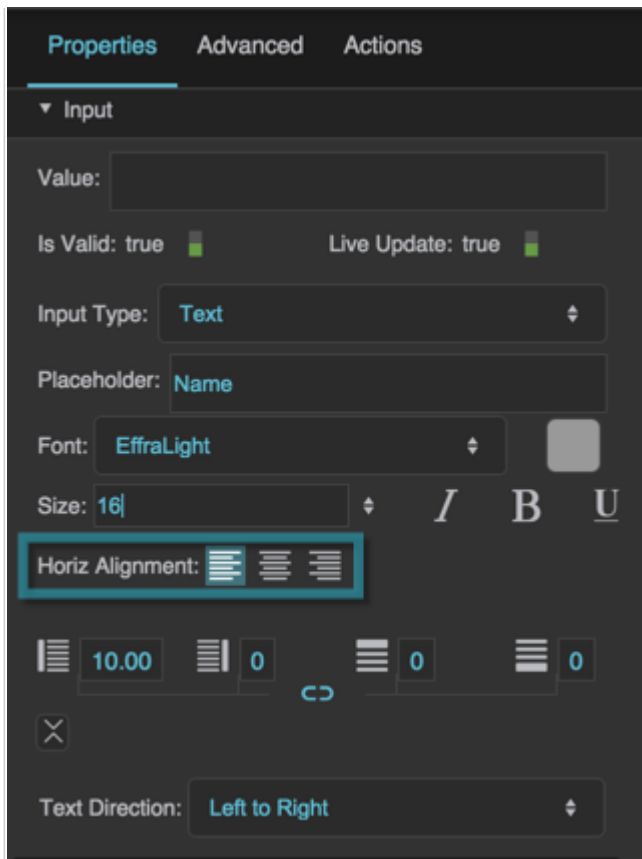
Specifies whether text in this element is underlined.



The Underline property

Horizontal Alignment

Specifies whether the content in this component is left-justified, centered, or right-justified.



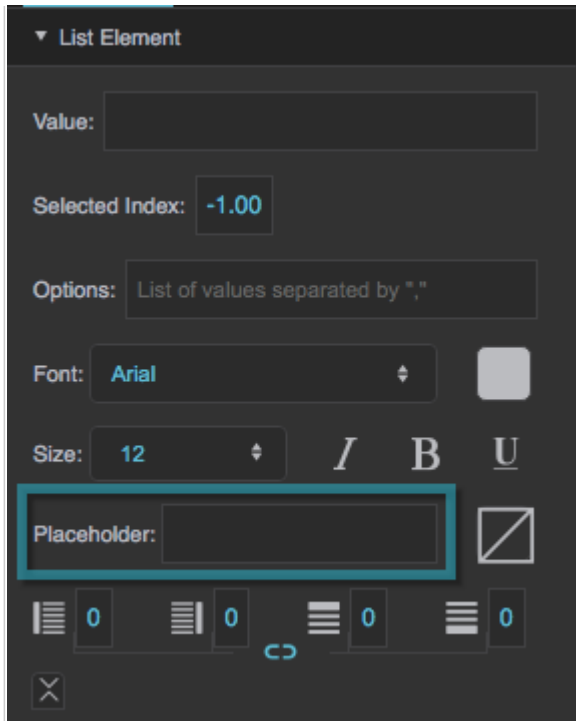
The Horizontal Alignment property

The Placeholder property affects any of the following components:

- Text Input
- Text Area
- Password Input
- Number Input
- List Input

Placeholder

Defines the placeholder text that appears in this input component when there is no Value.



The Placeholder property

Text Input and Text Area Properties

These properties affect a text input component or a text area component. These components are also affected by [shared input properties](#).

Input Type

For a text input component, specifies the valid input type, or the expected input type.

Text

A single line of text. Line breaks are automatically removed.

Email

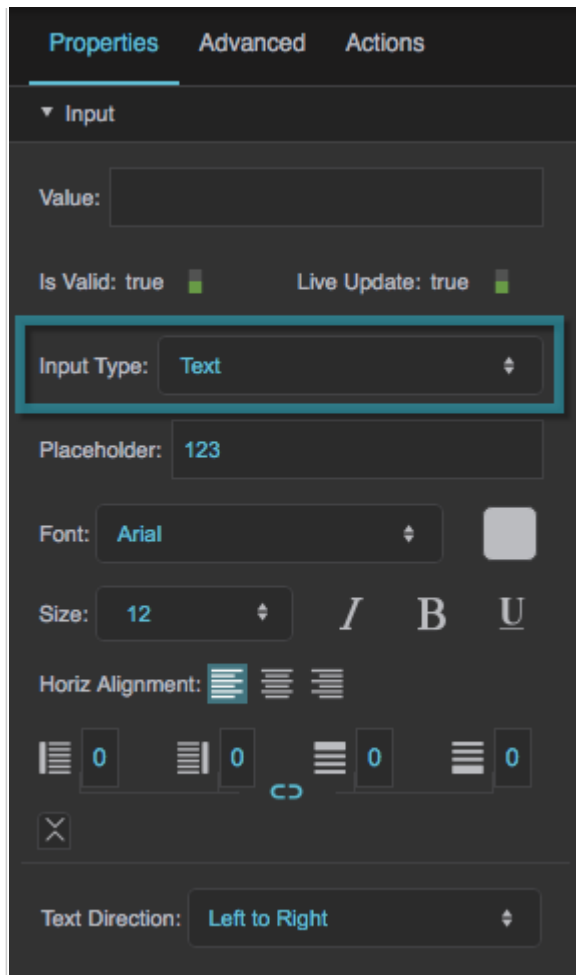
A single, properly formatted e-mail address, or the empty string.

URL

A single, valid, absolute URL, or the empty string.

Tel

A single line of text. Line breaks are automatically removed. On mobile devices, the on-screen keyboard is optimized for number entry.



The Input Type property

Date Input Properties

These properties affect a date input component. This component is also affected by [shared input properties](#).

Input Type

Specifies the valid input type, or the expected input type.

Date

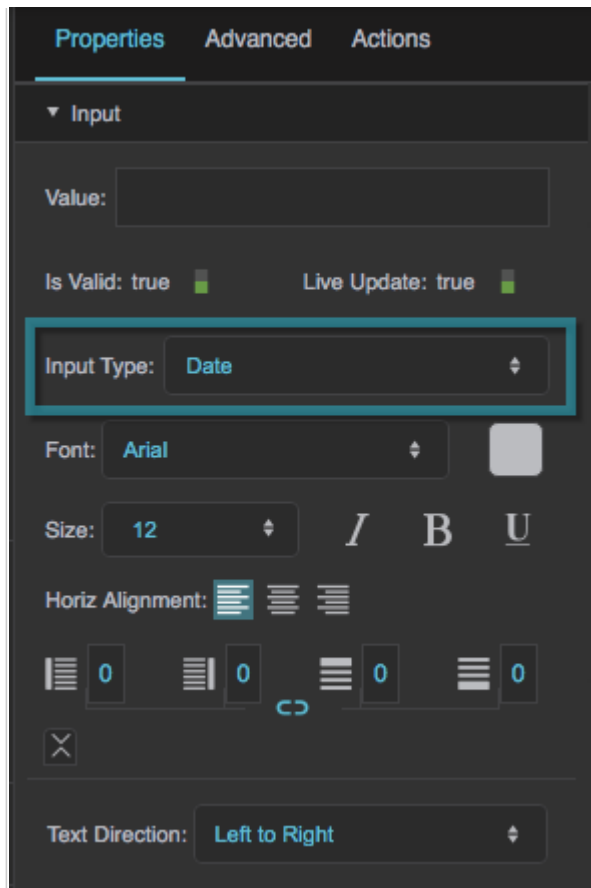
A year, month, and day.

Week

A year and a week number. A week that spans two years is both week 53 of the earlier year and week 1 of the later year.

Month

A month and year.



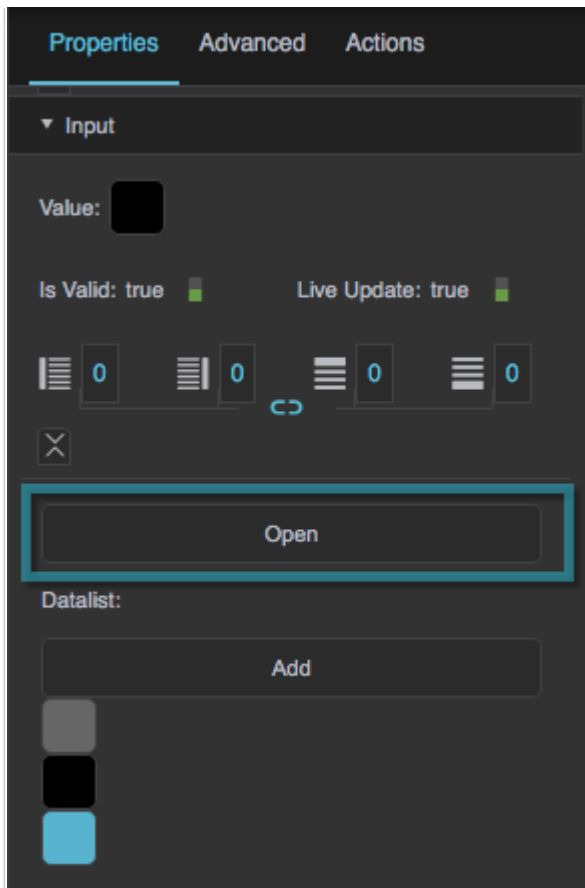
The Input Type property

Color Input Properties

These properties affect a color input component. This component is also affected by [shared input properties](#).

Open

Opens the browser color picker. The color picker is also automatically opened when the user clicks the component.



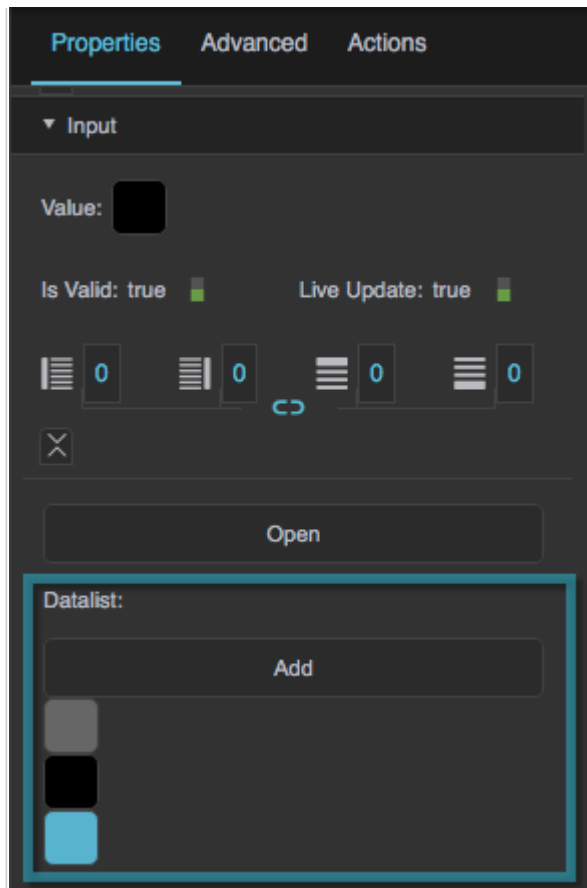
The Open property

Datalist

Specifies the predefined colors in this color input component. Predefined colors are not supported in all browsers. Regardless of whether the predefined list is supported, the user can still enter a custom value.

Click on color in the Property Inspector to edit it.

Colors are displayed in order in this color input component, with the top color appearing first.



The Datalist property

Number Input Properties

These properties affect a number input component. This component is also affected by [shared input properties](#).

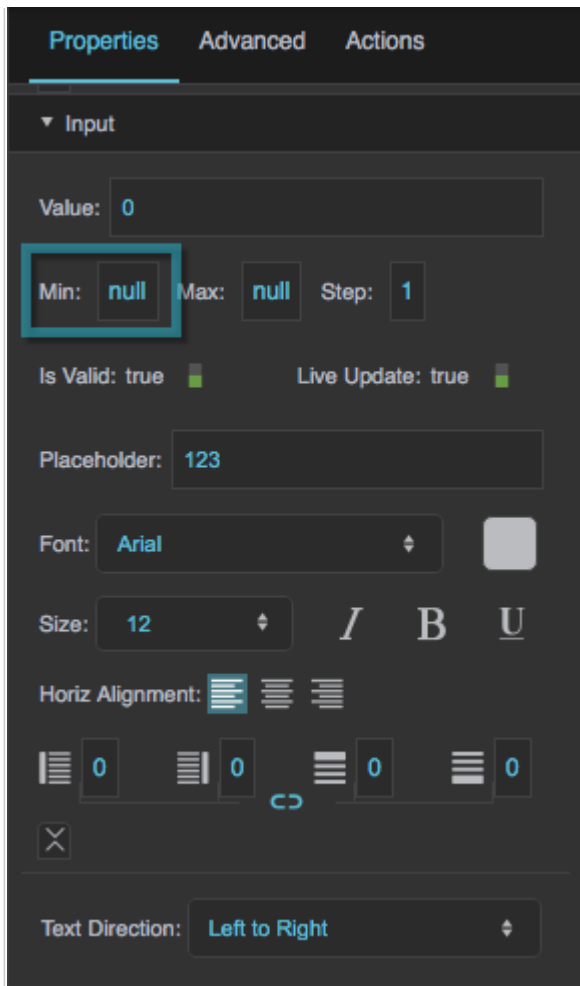
Min

Defines the predefined colors in this color input component. Predefined colors are not supported in all browsers. Regardless of whether the predefined list is supported, the user can still enter a custom value.

Click on color in the Property Inspector to edit it.

Colors are displayed in order in this color input component, with the top color appearing first.

If this is a range input component, and the minimum is null, the bottom of the range is zero.

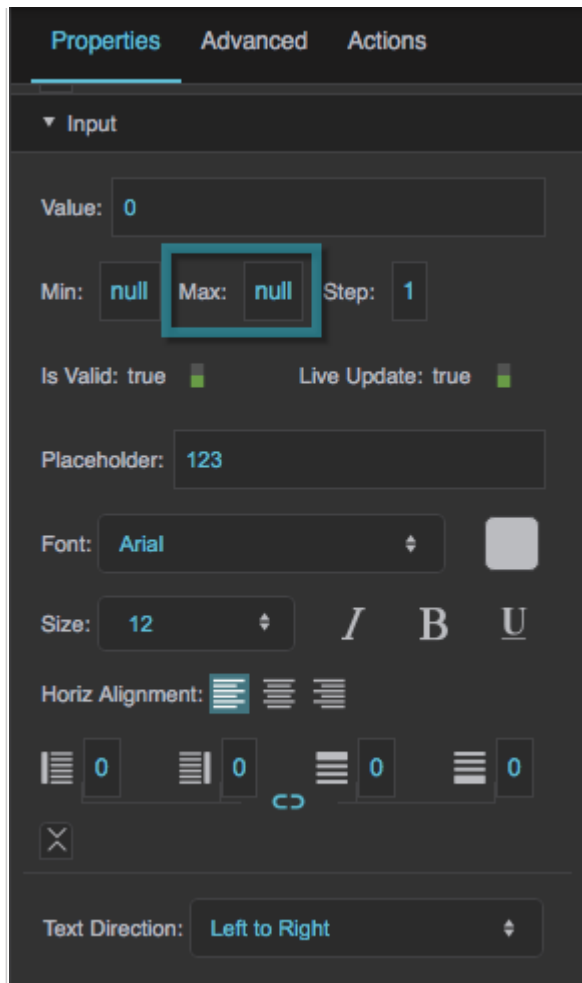


The Min property

Max

Defines a maximum valid number for this input component.

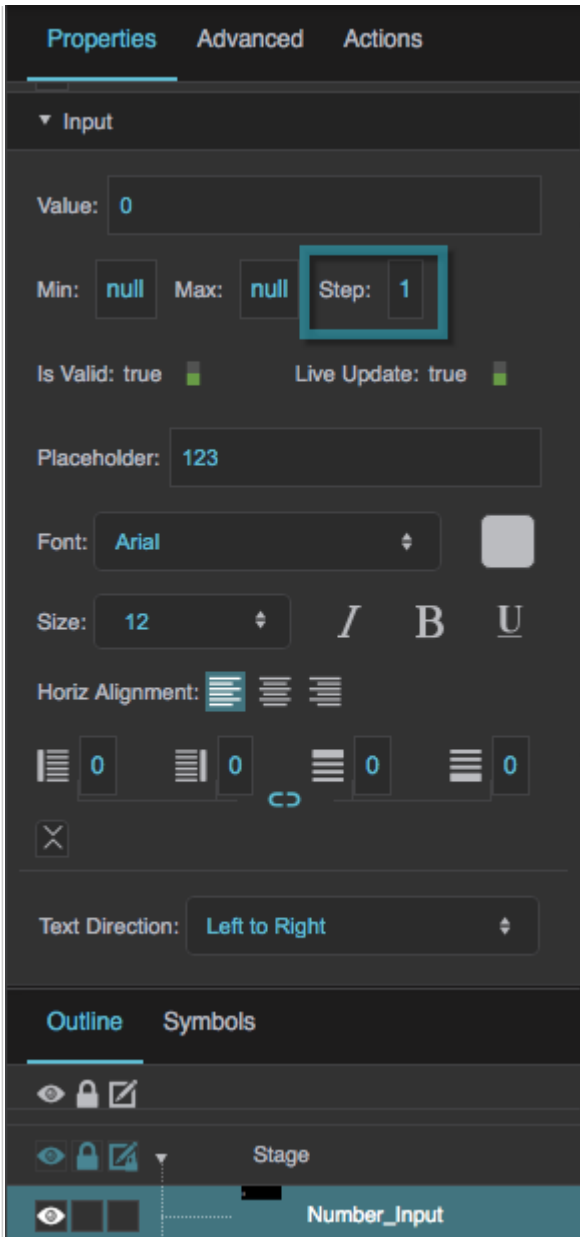
If this is a range input component, and the maximum is null, the top of the range is 100.



The Max property

Step

Defines the interval between valid numbers for this input component. Valid numbers are the minimum and multiples of the Step value larger than the minimum. If no minimum is defined, valid numbers are zero and multiples of the Step value larger or smaller than zero. A Step value of zero means that any interval is allowed.



The Step property

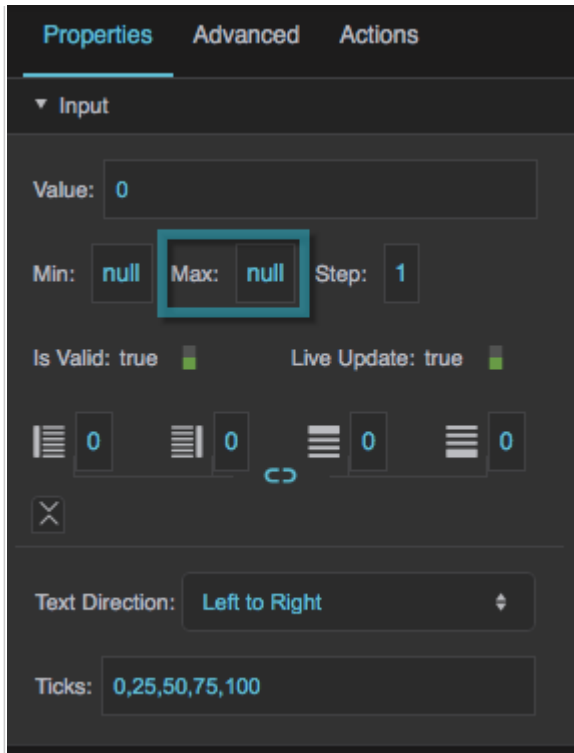
shared input properties]]. `<hidden Min> Min` \ Defines a minimum valid number for this input component. If this is a range input component, and the minimum is null, the bottom of the range is zero. [The Min property](#)

`The Min property`

Max

Defines a maximum valid number for this input component.

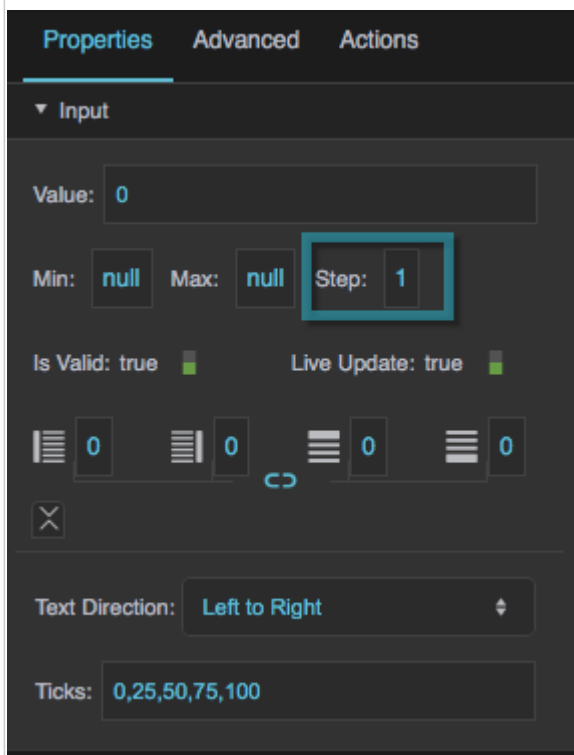
If this is a range input component, and the maximum is null, the top of the range is 100.



The Max property

Step

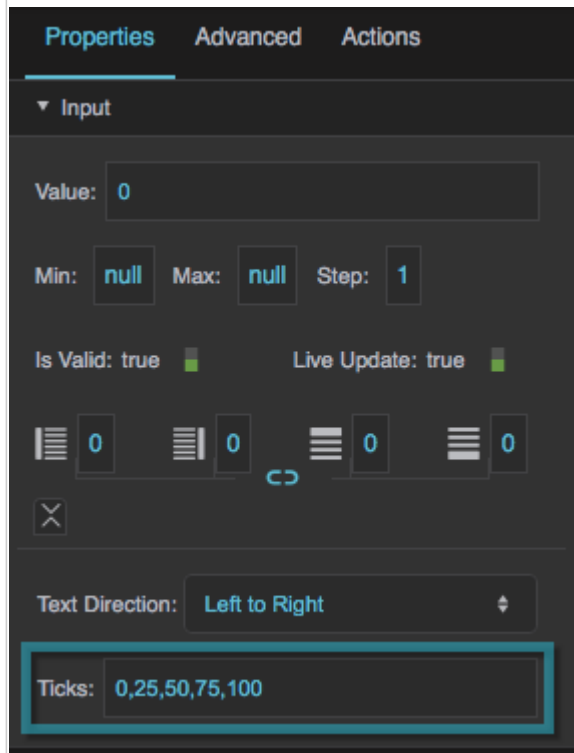
Defines the interval between valid numbers for this input component. Valid numbers are the minimum and multiples of the Step value larger than the minimum. If no minimum is defined, valid numbers are zero and multiples of the Step value larger or smaller than zero. A Step value of zero means that any interval is allowed.



The Step property

Ticks

Defines values where ticks appear on the range selector, as a list of comma-separated values.



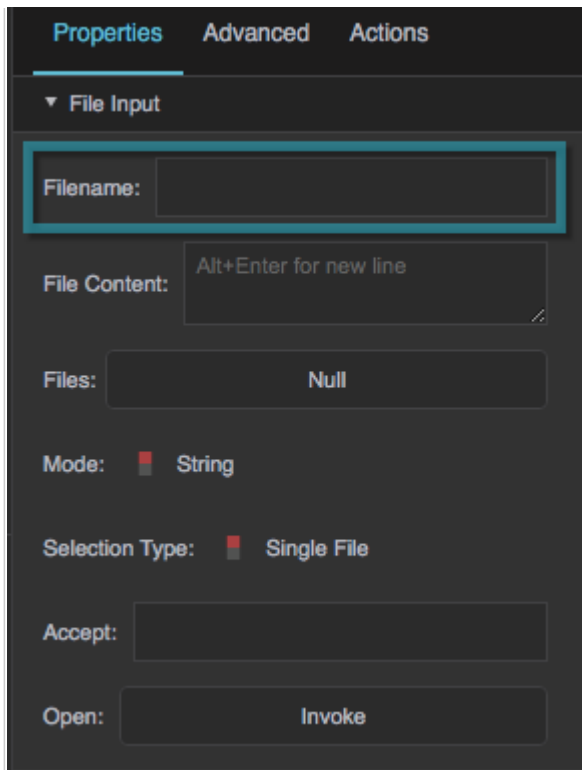
The Ticks property

File Input Properties

These properties affect the file input component.

Filename

Sets or returns the name of the file to open.

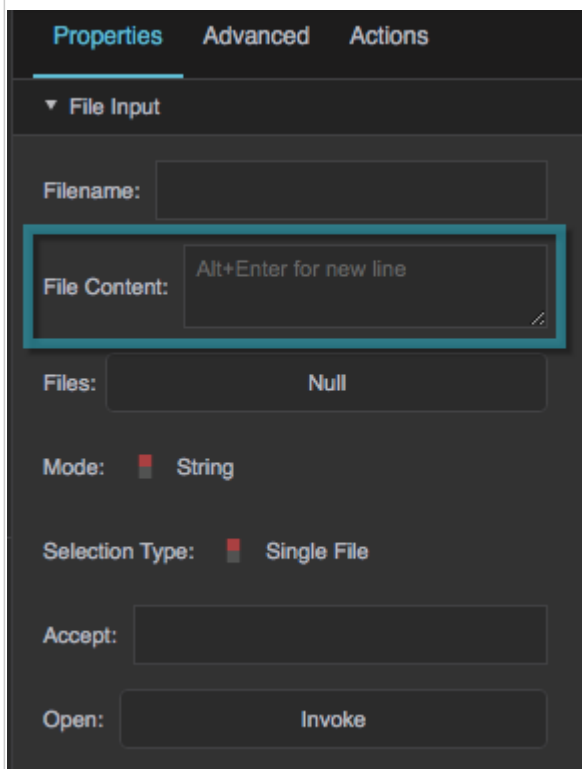


The screenshot shows the 'Properties' tab of a 'File Input' component. The 'Filename' field is highlighted with a red border. Other fields include 'File Content' (with a hint 'Alt+Enter for new line'), 'Files' (set to 'Null'), 'Mode' (set to 'String'), 'Selection Type' (set to 'Single File'), 'Accept' (empty), and 'Open' (set to 'Invoke').

The Filename property

File Content

Displays the content of the selected file as a string or binary.

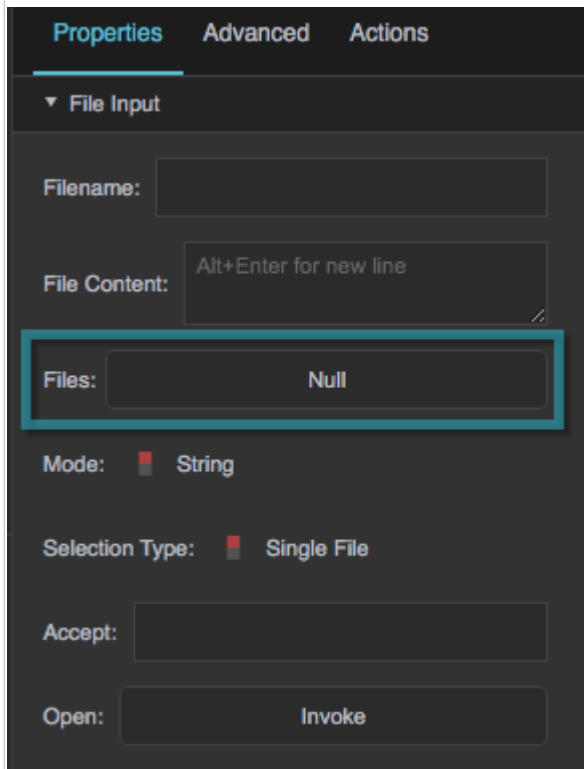


The screenshot shows the 'Properties' tab of a 'File Input' component. The 'File Content' field is highlighted with a red border. Other fields include 'Filename' (empty), 'Files' (set to 'Null'), 'Mode' (set to 'String'), 'Selection Type' (set to 'Single File'), 'Accept' (empty), and 'Open' (set to 'Invoke').

The File Content property

Files

Returns a read-only table describing the files selected by the user.



The Files property

Mode

Sets whether the file content is displayed as a string or as binary.

The screenshot shows a dark-themed properties panel for a 'File Input' component. At the top, there are three tabs: 'Properties' (selected), 'Advanced', and 'Actions'. Below the tabs, the component name 'File Input' is displayed with a dropdown arrow. The 'Filename' property has an empty text input field. The 'File Content' property has a text area with the placeholder text 'Alt+Enter for new line'. The 'Files' property has a text input field containing the value 'Null'. The 'Mode' property is highlighted with a red rectangular box and shows a radio button next to the text 'String'. Below it, the 'Selection Type' property has a radio button next to the text 'Single File'. The 'Accept' property has an empty text input field. The 'Open' property has a text input field containing the value 'Invoke'.

The Mode property

Selection Type

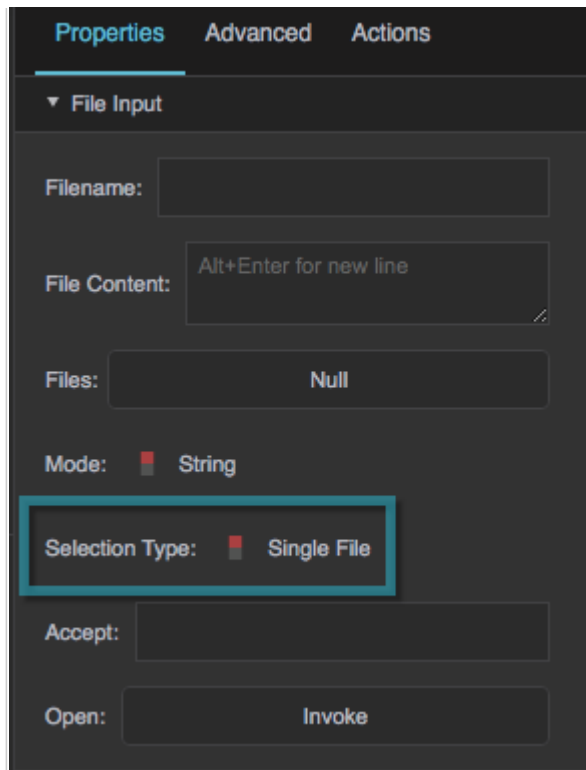
Determines whether the user can select multiple files.

Single File

The user can select only one file.

Multiple Files

The user can select one or more files.



The screenshot shows the 'Properties' tab of a 'File Input' component. The 'Selection Type' property is highlighted with a red box and is set to 'Single File'. Other visible properties include 'Filename', 'File Content' (with a hint 'Alt+Enter for new line'), 'Files' (set to 'Null'), 'Mode' (set to 'String'), 'Accept', and 'Open' (set to 'Invoke').

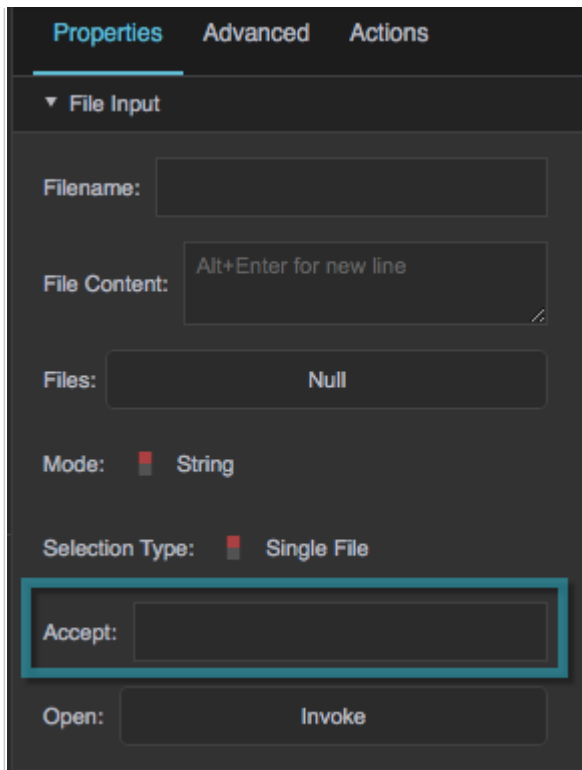
The Selection Type property

Accept

Specifies the file formats that are accepted by this file chooser.

Enter one or more of the following values separated by commas:

- **.png, .jpg, .gif, etc.:** Files of the format specified.
- **audio/*:** All sound files.
- **video/*:** All video files.
- **image/*:** All image files.
- **media_type/*:** Replace media_type with any valid media type, to accept all formats within that type. Look at IANA Media Types for a complete list of standard media types.



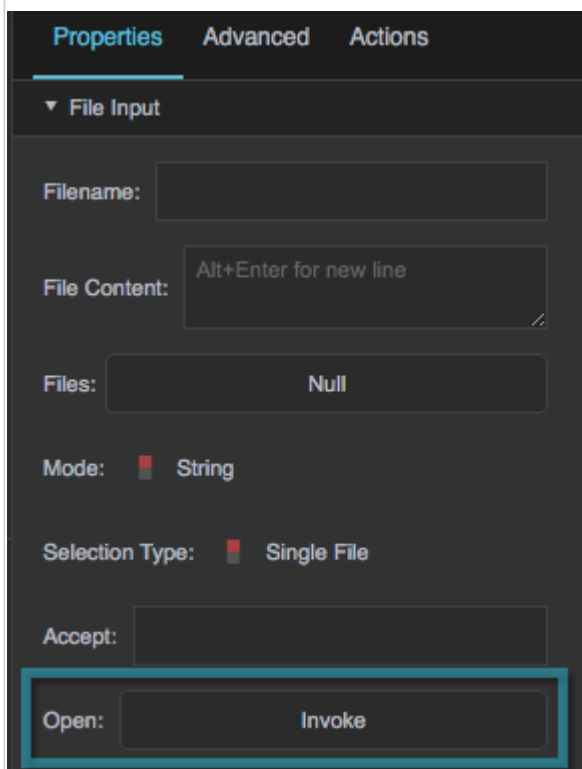
The screenshot shows the 'Properties' tab of a 'File Input' component. The 'Accept' property is highlighted with a red border. The 'Open' property is set to 'Invoke'.

Property	Value
Filename:	
File Content:	Alt+Enter for new line
Files:	Null
Mode:	String
Selection Type:	Single File
Accept:	
Open:	Invoke

The Accept property

Open

A trigger that opens the browser file chooser. For information about using triggers, see [Binding from an Event Property to a Trigger Property](#).



The screenshot shows the 'Properties' tab of a 'File Input' component. The 'Open' property is highlighted with a red border. The 'Accept' property is empty.

Property	Value
Filename:	
File Content:	Alt+Enter for new line
Files:	Null
Mode:	String
Selection Type:	Single File
Accept:	
Open:	Invoke

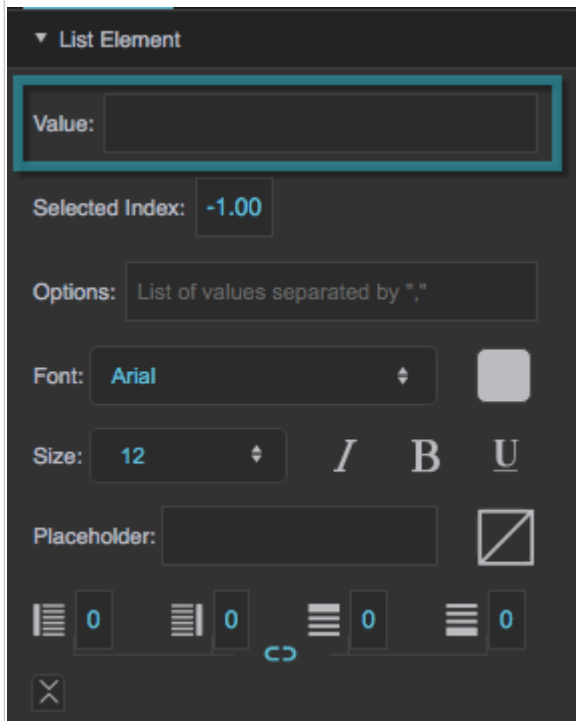
The Open property

List Input Properties

These properties affect a list input component.

Value

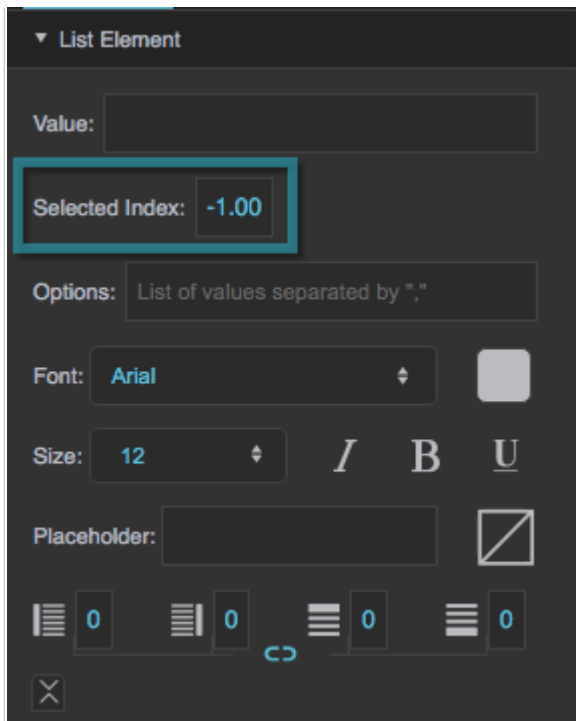
Sets or returns the currently selected list option.



The Value property

Selected Index

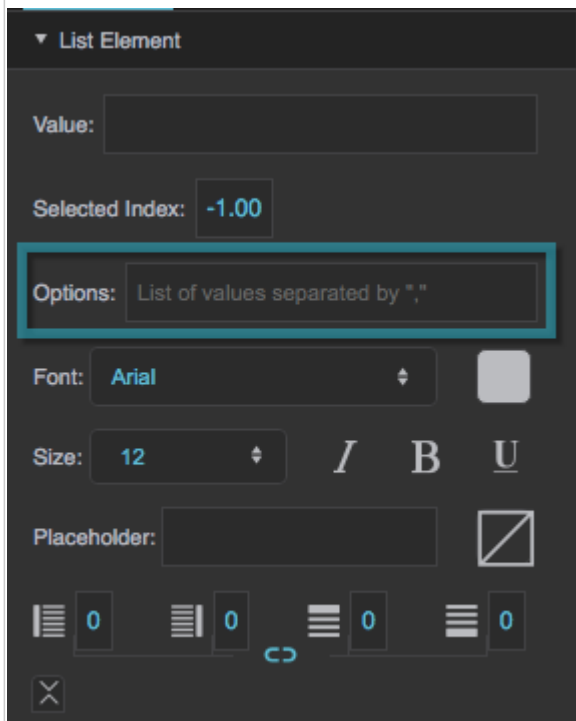
Sets or returns the index of the currently selected list option. A value of 0 indicates the top option in the list.



The Selected Index property

Options

Defines the list of options for this list element, as comma-separated values.

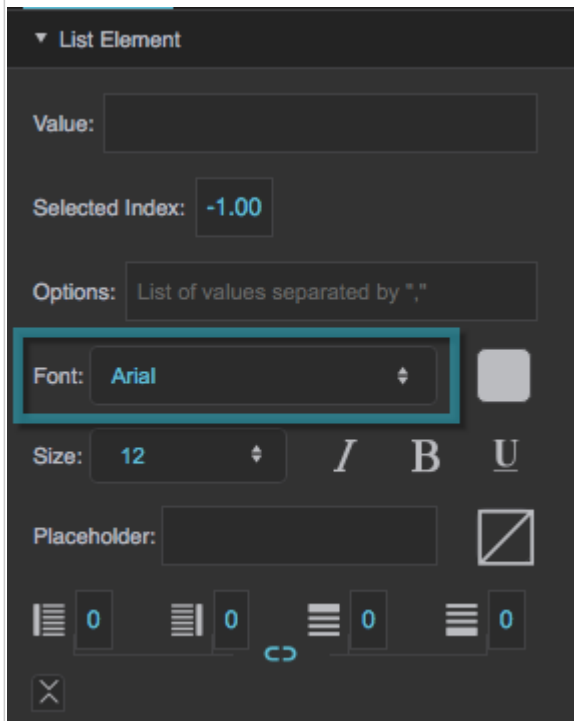


The Options property

Selected Element Font

Defines the font for the selected option.

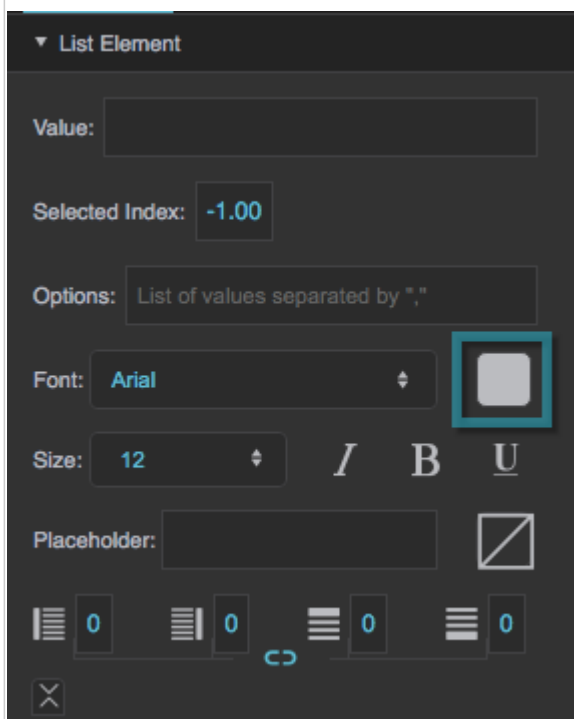
To add a new font to your project and use it for this property, see [How do I add a new font to my project?](#)



The Selected Element Font property

Selected Element Font Color

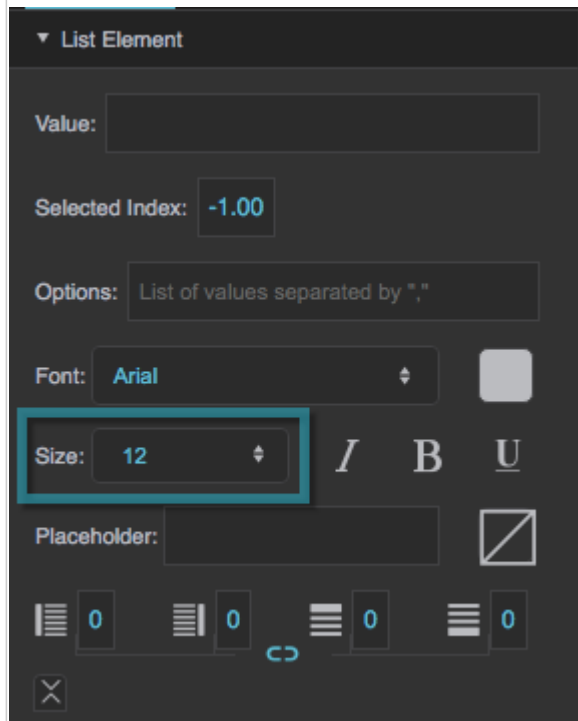
Defines the font color for the selected option.



The Selected Element Font Color property

Selected Element Font Size

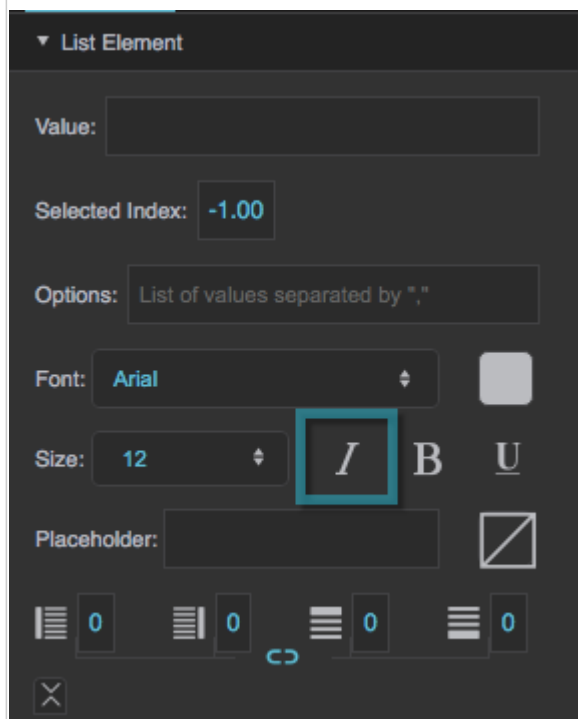
Defines the font size for the selected option.



The Selected Element Font Size property

Selected Element Font Italic

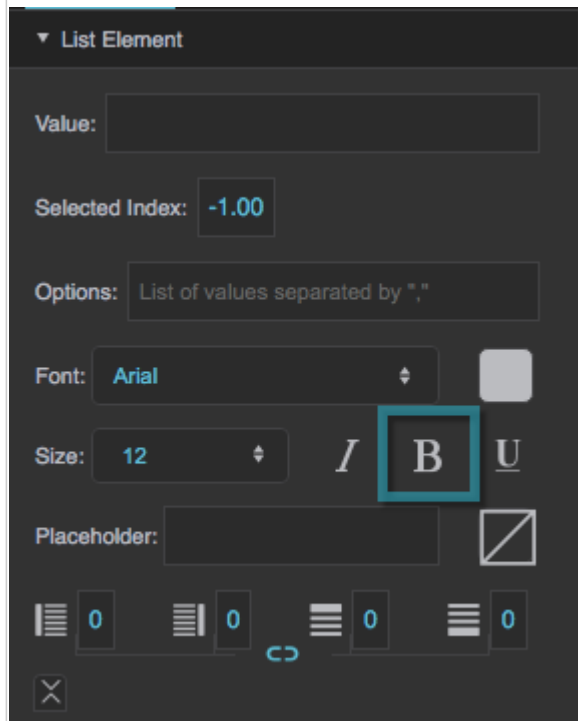
Defines whether the selected option is italic.



The Selected Element Font Italic property

Selected Element Font Bold

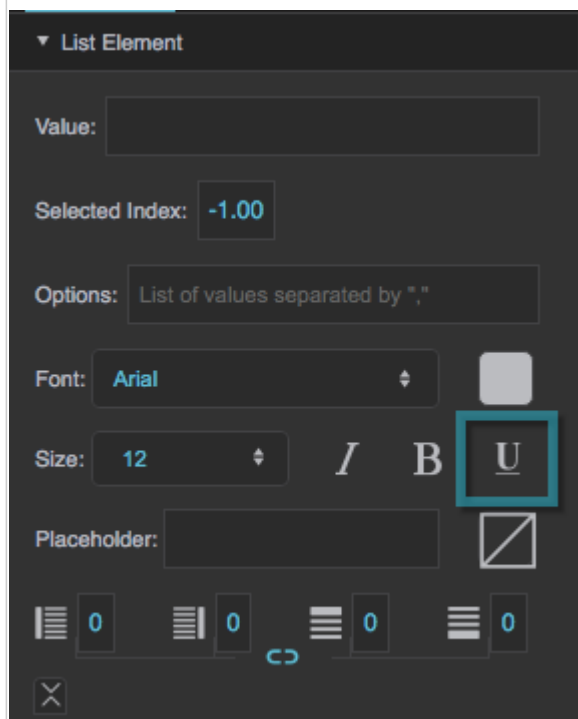
Defines whether the selected option is bold.



The Selected Element Font Bold property

Selected Element Font Underline

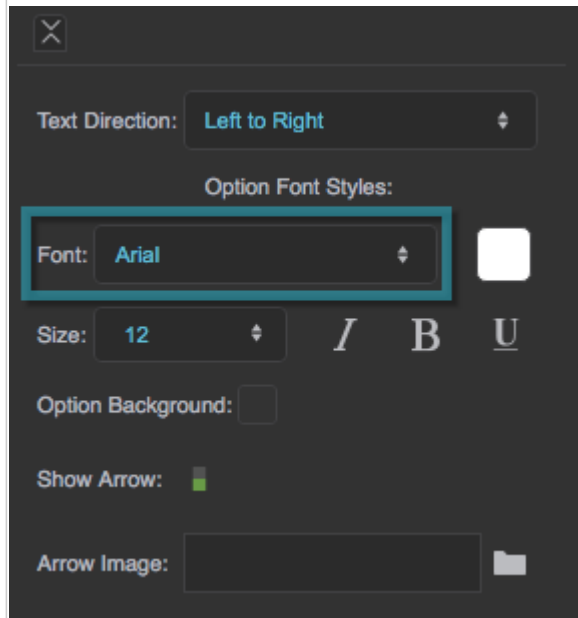
Defines whether the selected option is underlined.



The Selected Element Font Underline property

Options Font

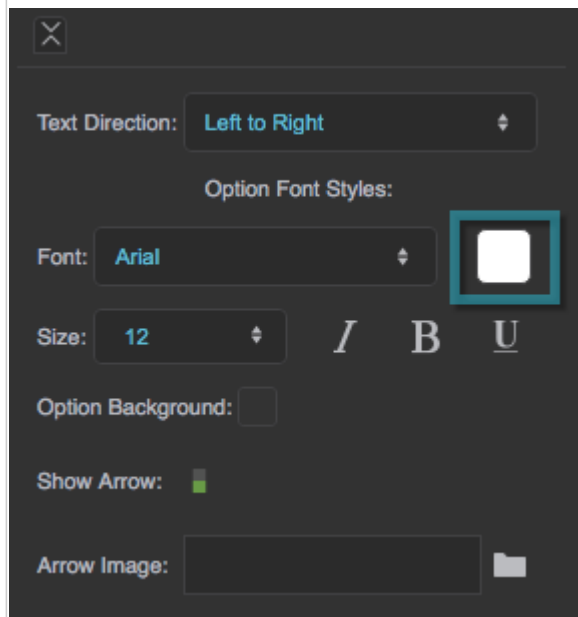
Defines the font for the options list. Not supported in all browsers. To add a font to this project and use it for this property, see [How do I add a new font to my project?](#)



The Options Font property

Options Font Color

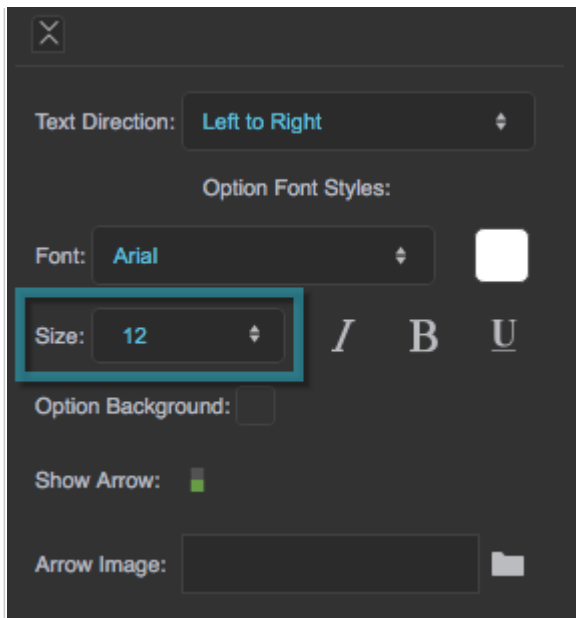
Defines the font color for the options list. Not supported in all browsers.



The Options Font Color property

Options Font Size

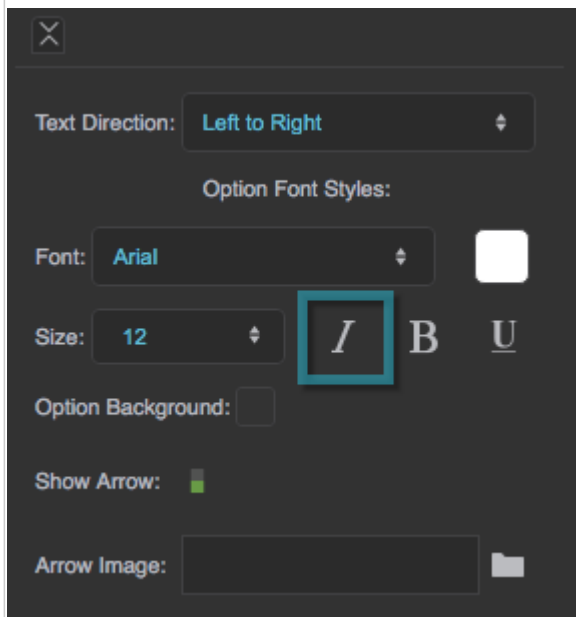
Defines the font size for the options list. Not supported in all browsers.



The Options Font Size property

Options Font Italic

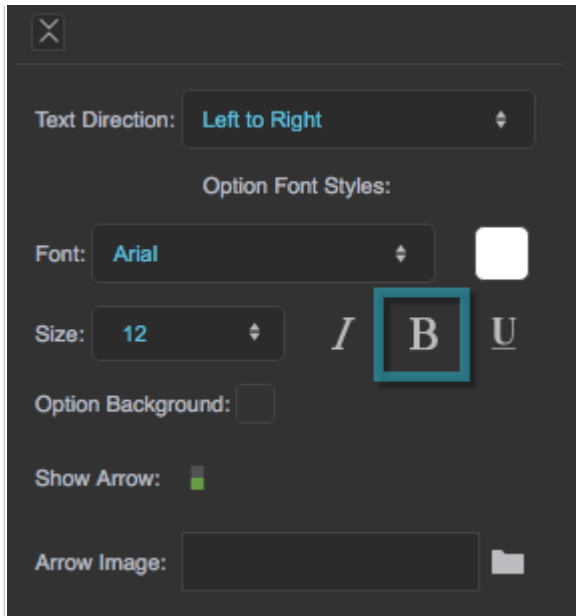
Defines whether the options list is italic. Not supported in all browsers.



The Options Font Italic property

Options Font Bold

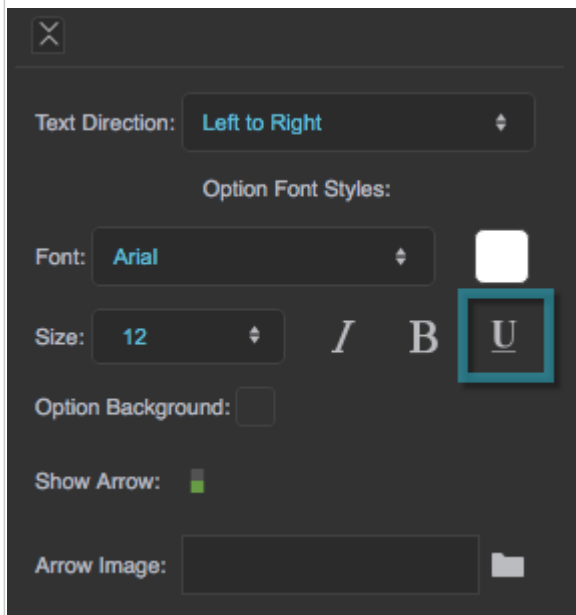
Defines whether the options list is bold. Not supported in all browsers.



The Options Font Bold property

Options Font Underline

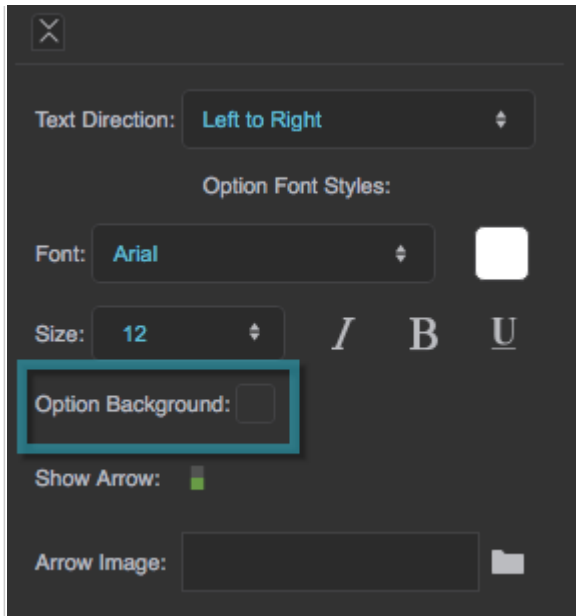
Defines whether the options list is underlined. Not supported in all browsers.



The Options Font Underline property

Options Background

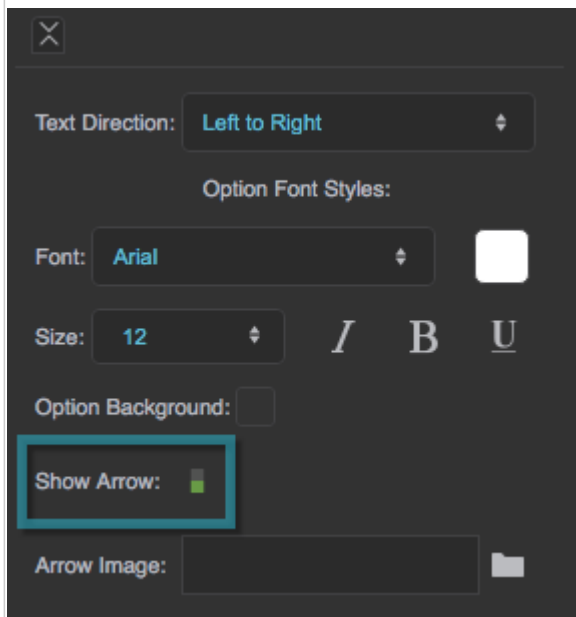
Defines the background color for the options list. Not supported in all browsers.



The Options Background property

Show Arrow

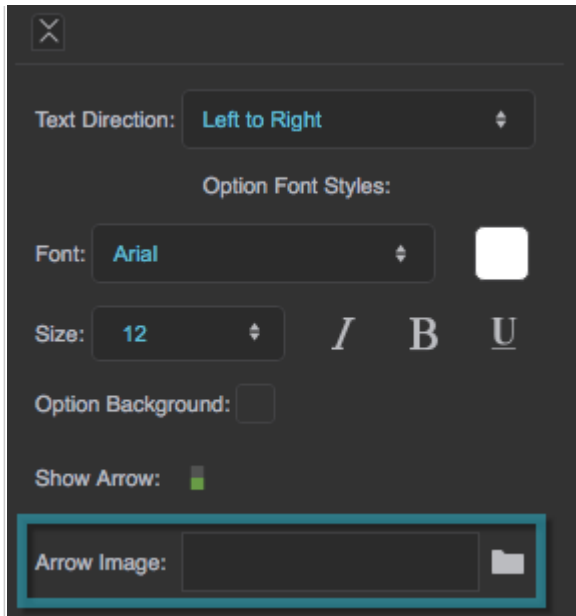
Determines whether an arrow graphic appears in the component, indicating a drop-down list.



The Show Arrow property

Arrow Image

Specifies a custom arrow graphic that appears if Show Arrow is enabled. If you don't specify an image, a default graphic is used.



The Arrow Image property

[Previous: Gauge Scale Properties](#)

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