Designing Input Components

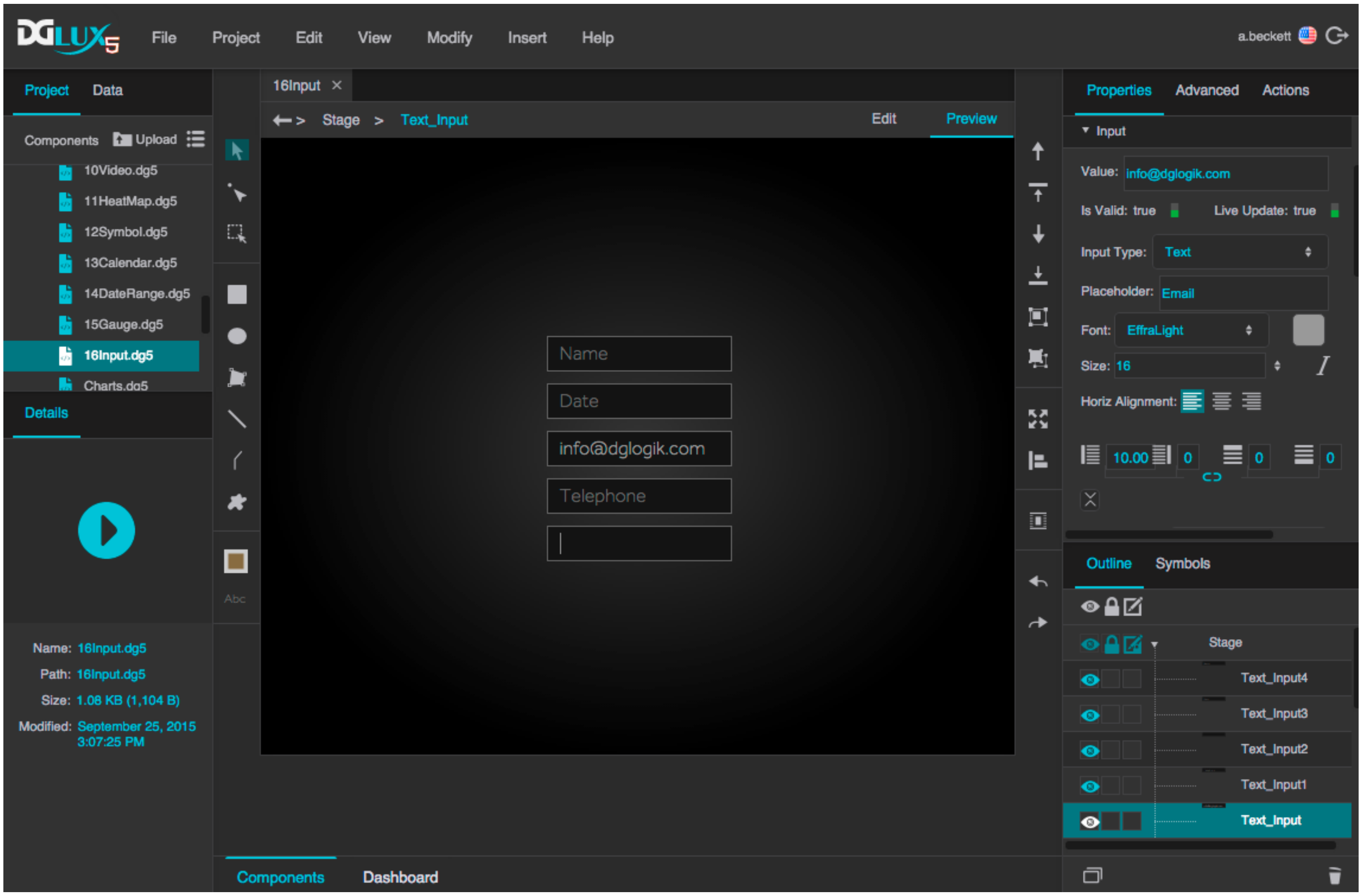
Form input components let users enter input.

DGLux5 form input components are HTML5 components. To read more about the behavior of each component type, you can consult an HTML5 reference like this one.

DGLux5 includes the following form input components:

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

For a detailed reference of properties that affect input components, see Common Properties and Input Component Properties.



Name: 16Input.dg5
Path: 16Input.dg5
Size: 1.06 KB (1,104 B)
Modified: September 25, 2015 3:07:25 PM

Value: info@dglogik.com
Is Valid: true
Live Update: true
Input Type: Text
Placeholder: Email
Font: EffraLight
Size: 16
10.00 0 0 0

Text input components in DGLux5

Add a Form Input Component

To add a form input component:

- Select **Insert** > **Form** and the component type.

A Note about Styling Form Input Components

To a certain degree, you can style form input components using properties. However, some visual aspects of some input components depend on the user's browser and operating system. For example, the appearance of the drop-down list in the list input component, and that of the slider and track in the range input component, depend partly on the user's browser and OS. It is possible to create custom widgets that are less dependent on these factors.

Use Form Input to Change Data Metrics

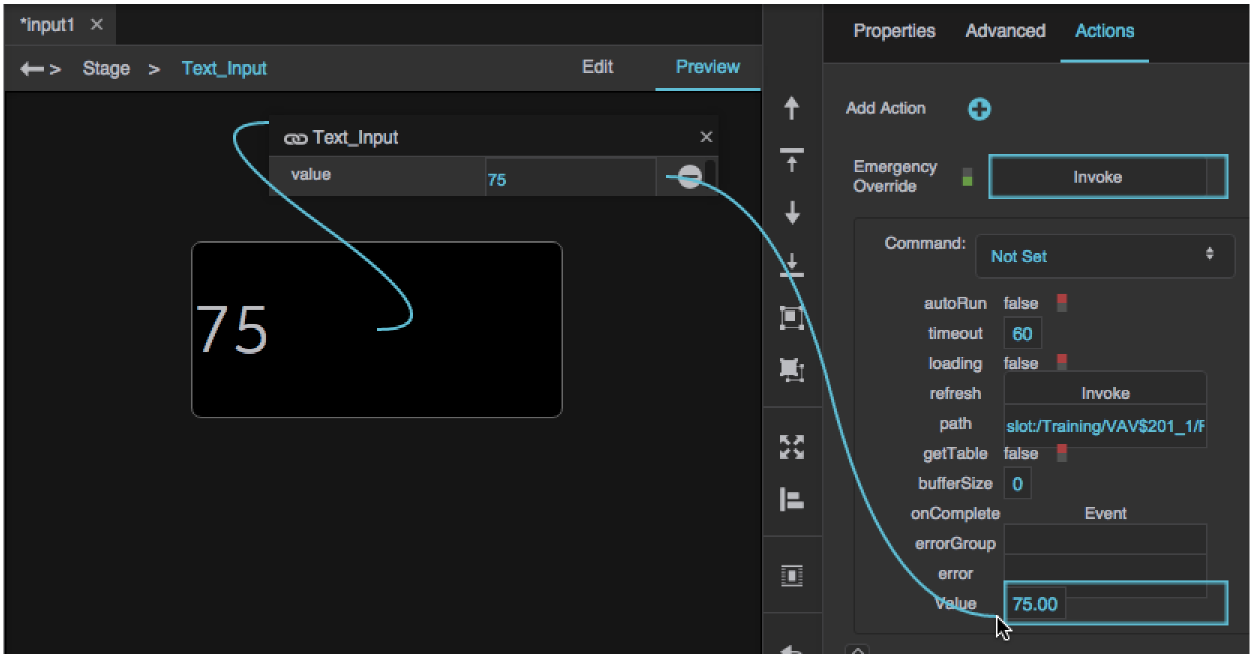
To use form input to change data metrics, you can use a Data action.

These steps create a text input component that commits its contents to the data when the user presses Enter.

1. Insert the input component by selecting **Insert** > **Form** > **Text Input**.
2. With the input component selected, in the Actions panel, click ⊕ **Add Action**, and specify **Data Action**.
3. In the Data panel and Metrics panel, navigate to the data metric that you want to change.
4. Right-click the data metric to display a list of command types.
5. From the list, drag the relevant command type name to "drag data action here" in the Actions panel.
6. Bind the text input component's value to the Data action's **Value** property:
    1. In the Outline, select the text input component.
    2. In the Property Inspector, hover over the **Value** property until a blue dot appears.
    3. Click the blue dot and select **Bind**.

        A small binding pop-up opens.
    4. Open the Actions panel.
    5. Hover over the value in the pop-up until a blue dot appears, and drag the blue dot to the

Value property.



Text_Input
value 75

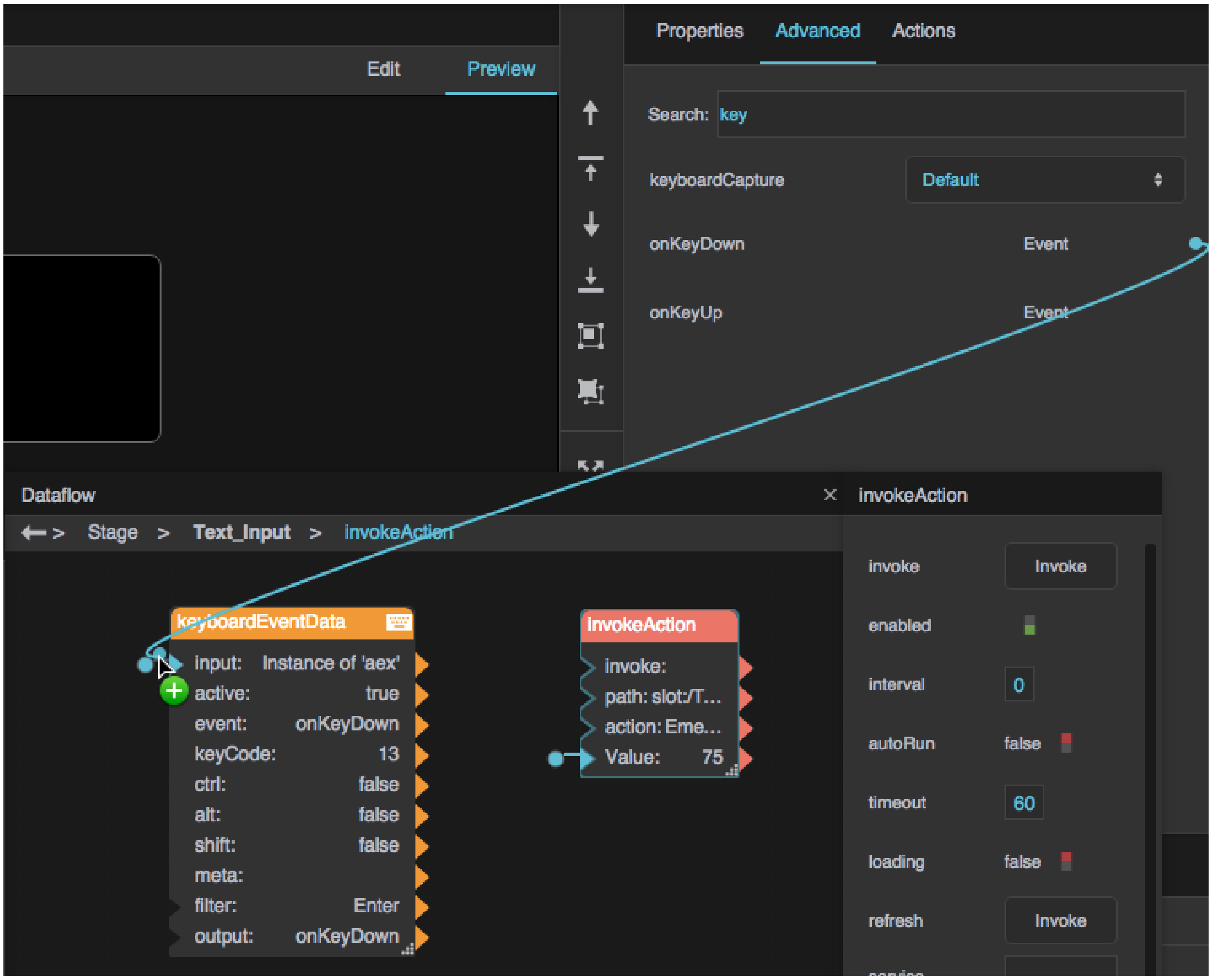
75

Command: Not Set

autoRun false
timeout 60
loading false
refresh Invoke
path slot:/Training/VAV$201_1/F
getTable false
bufferSize 0
onComplete Event
errorGroup
error
Value 75.00

7. Add a key press as the trigger for the action:
    1. In the Outline, next to the text input component, click **Dataflow**.
    2. Expand **Logic**, and add a Keyboard Event block to the dataflow window.
    3. With the text input component selected, click the Advanced properties tab, and find the **onKeyDown** property.

    4. Bind the **onKeyDown** property to the **input** property of the Keyboard Event block.



Search: key
keyboardCapture Default
onKeyDown Event
onKeyUp Event

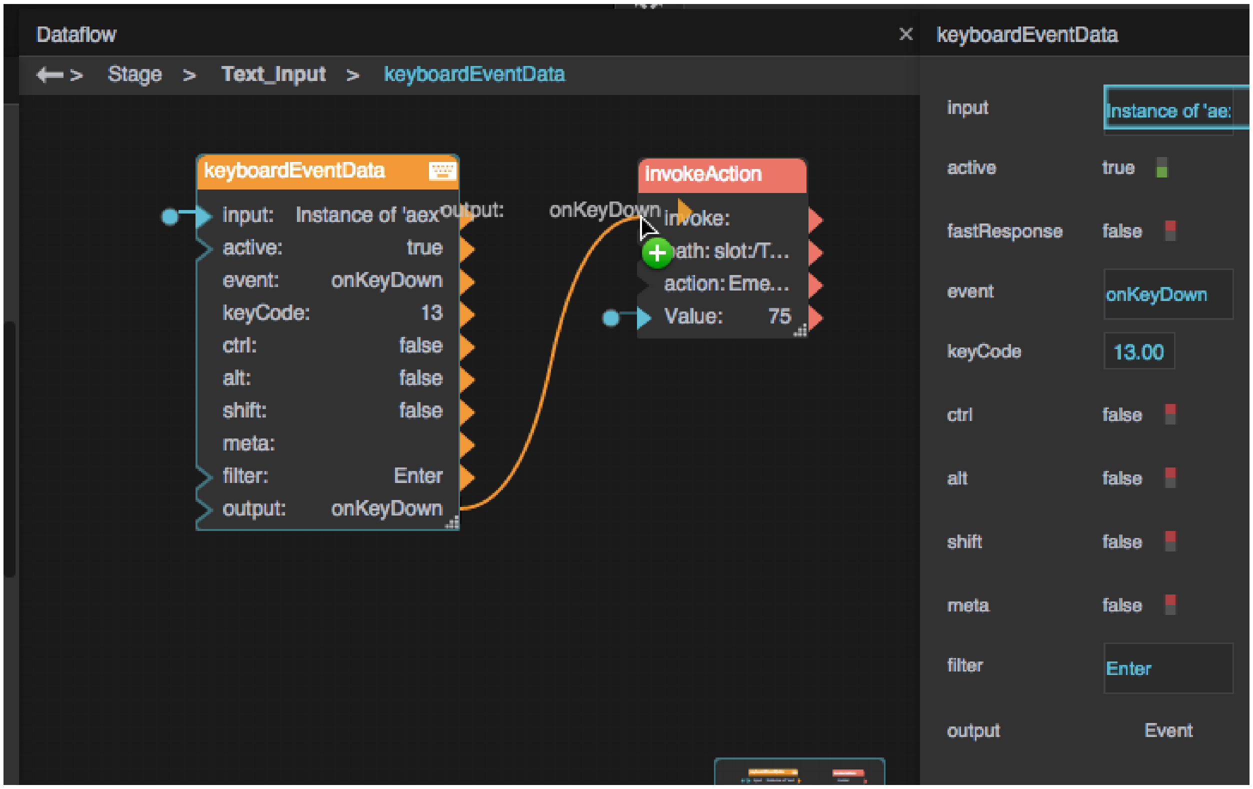
keyboardEventData
input: Instance of 'aex'
active: true
event: onKeyDown
keyCode: 13
ctrl: false
alt: false
shift: false
meta:
filter: Enter
output: onKeyDown

invokeAction
invoke:
path: slot:/T...
action: Eme...
Value: 75

invoke Invoke
enabled
interval 0
autoRun false
timeout 60
loading false
refresh Invoke

5. For the **filter** property of the block, type `Enter`.

6. Link the **output** property of the Keyboard Event block to the **input** property of the Invoke Action block.



keyboardEventData

input: Instance of 'aex
active: true
event: onKeyDown
keyCode: 13
ctrl: false
alt: false
shift: false
meta:
filter: Enter
output: onKeyDown

keyboardEventData

input	Instance of 'ae:
active	true
fastResponse	false
event	onKeyDown
keyCode	13.00
ctrl	false
alt	false
shift	false
meta	false
filter	Enter
output	Event

At runtime, when the user presses enter, the data action is executed using the contents of the component as the value.

Save Input as Value

To save a user's input as the component's value, you can use a Local Storage dataflow block.

1. Insert the input component by selecting **Insert** > **Form** > **Text Input**.
2. In the Outline, right-click the text input component, and select **Dataflow**.
3. Expand **Browser API**, and add a Local Storage block to the dataflow window.
4. For the **key** property of the Local Storage block, enter an identifying name, such as `inputValue`.
5. Bind the **Value** property of the text input component and the **value** property of the Local Storage block to each other.

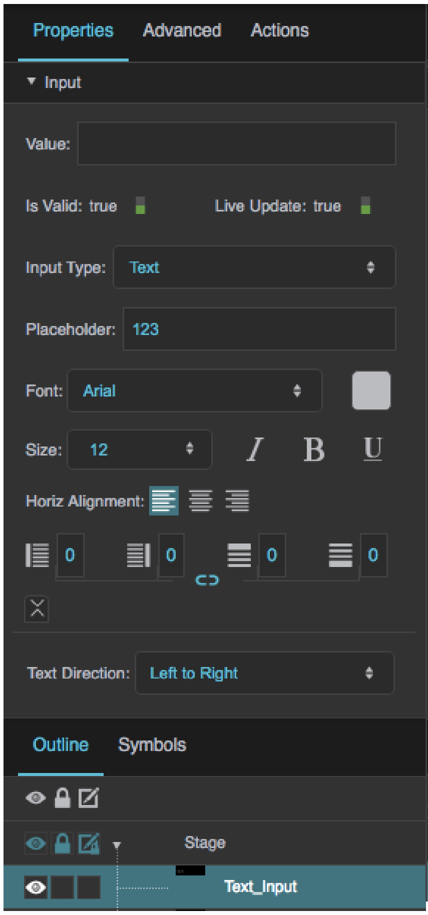
   At runtime, whenever the user enters input, it is saved as the value of the input component.

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.



Input

Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

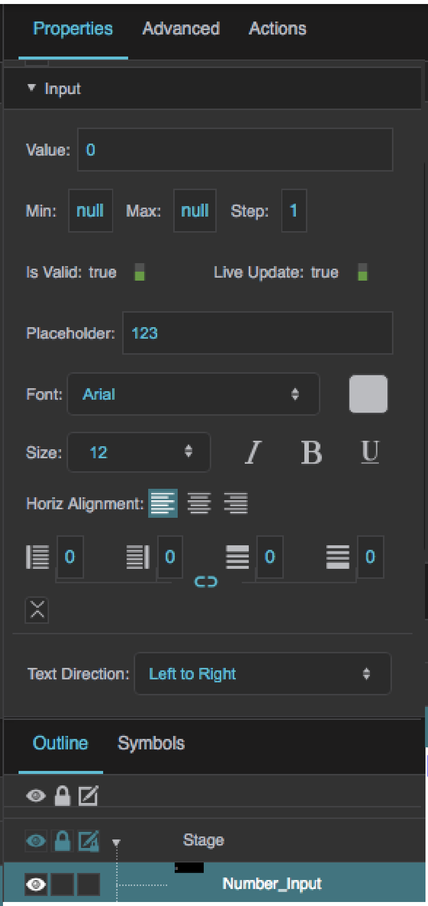
Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

Text Input properties



Input

Value: 0

Min: null Max: null Step: 1

Is Valid: true

Live Update: true

Placeholder: 123

Font: Arial

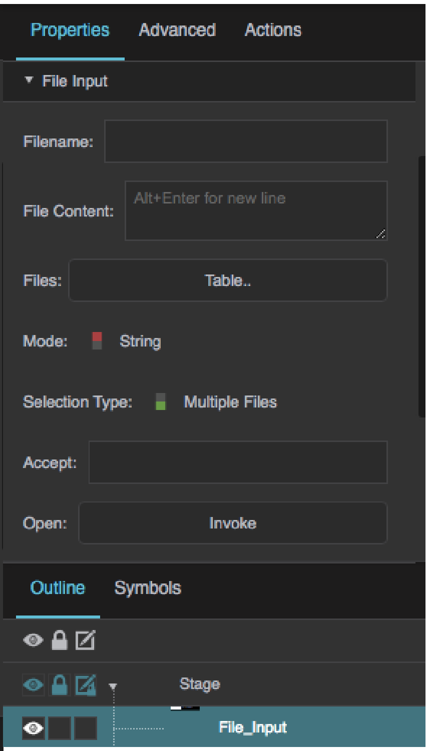
Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

Number Input properties



File Input

Filename:

File Content: Alt+Enter for new line

Files: Table..

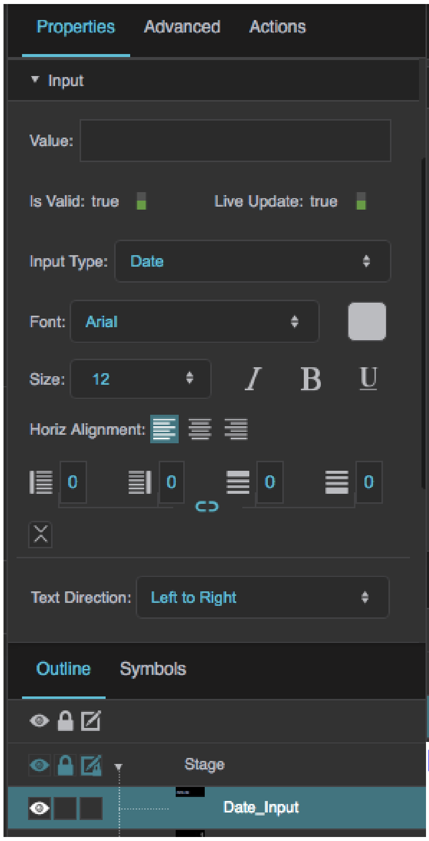
Mode: String

Selection Type: Multiple Files

Accept:

Open: Invoke

File Input properties


Properties Advanced Actions

Input

Value:

Is Valid: true Live Update: true

Input Type: Date

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

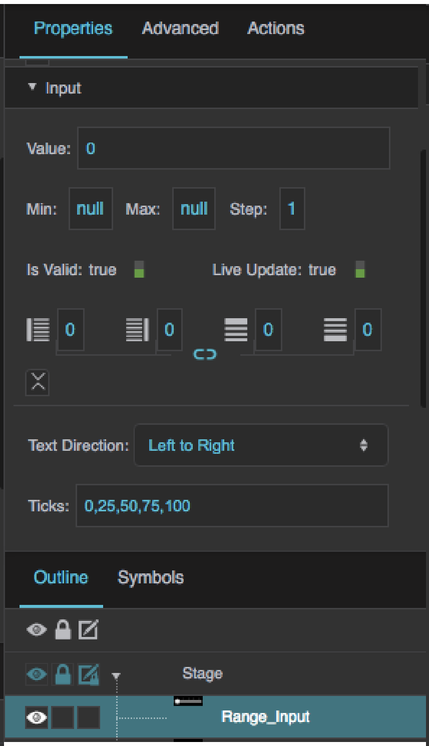
Text Direction: Left to Right

Outline Symbols

Stage

Date_Input

Date Input properties


Properties Advanced Actions

Input

Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

Text Direction: Left to Right

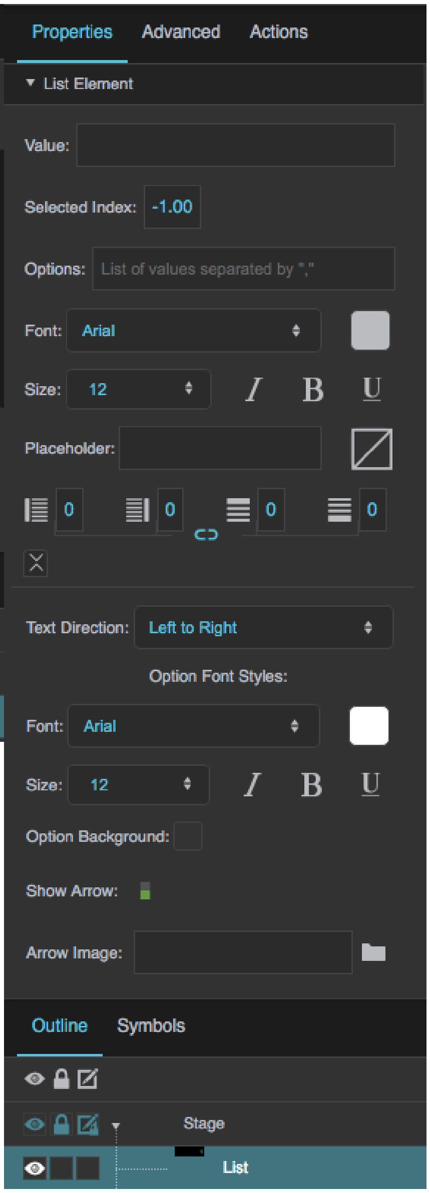
Ticks: 0,25,50,75,100

Outline Symbols

Stage

Range_Input

Range Input properties


Properties Advanced Actions

List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

Placeholder:

0 0 0 0

Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

Show Arrow:

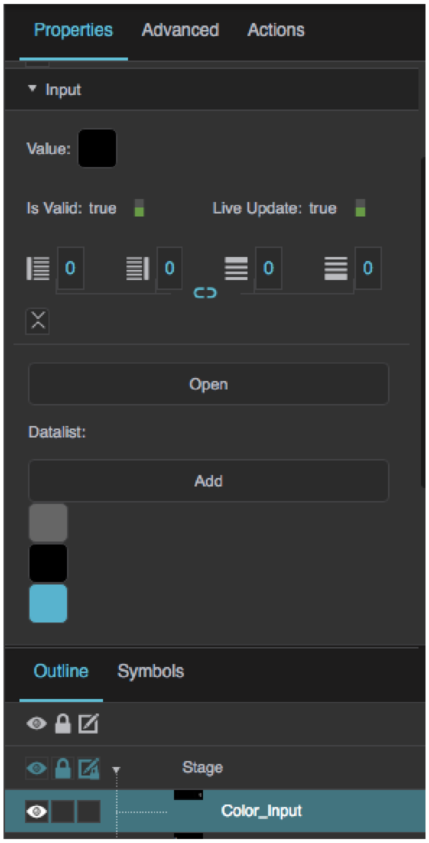
Arrow Image:

Outline Symbols

Stage

List

List Input properties


Properties Advanced Actions

Input

Value:

Is Valid: true Live Update: true

0 0 0 0

Open

Datalist:

Add

Outline Symbols

Stage

Color_Input

Color Input properties

2019/07/17 19:17

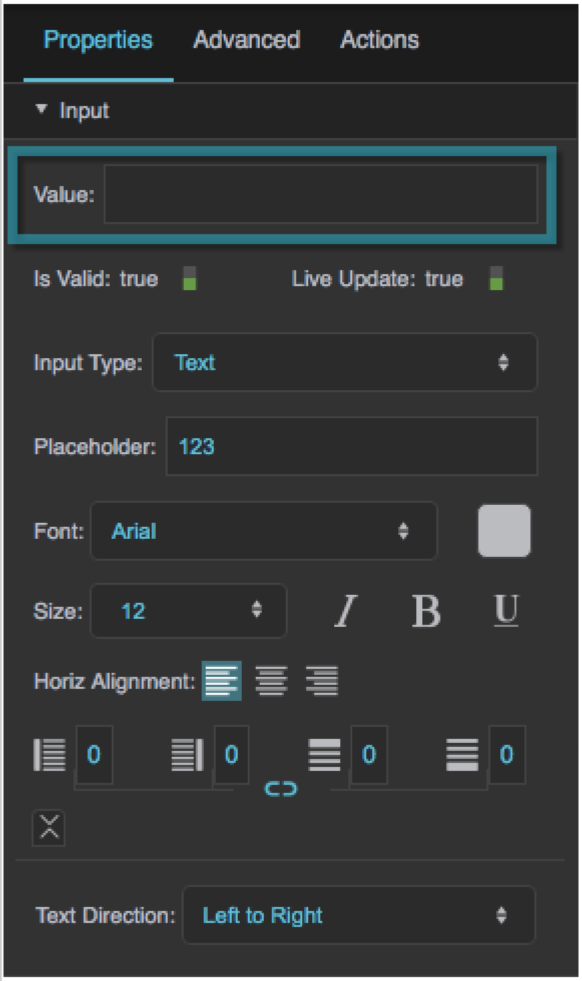
Shared Input Properties

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

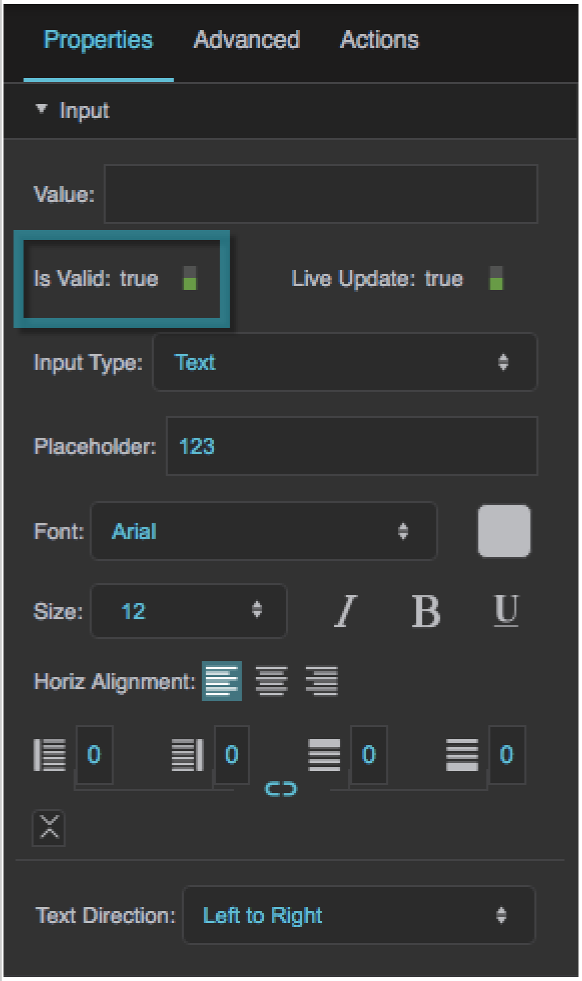
Text Direction: Left to Right

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.



Value:

Is Valid: true 🟩

Live Update: true 🟩

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

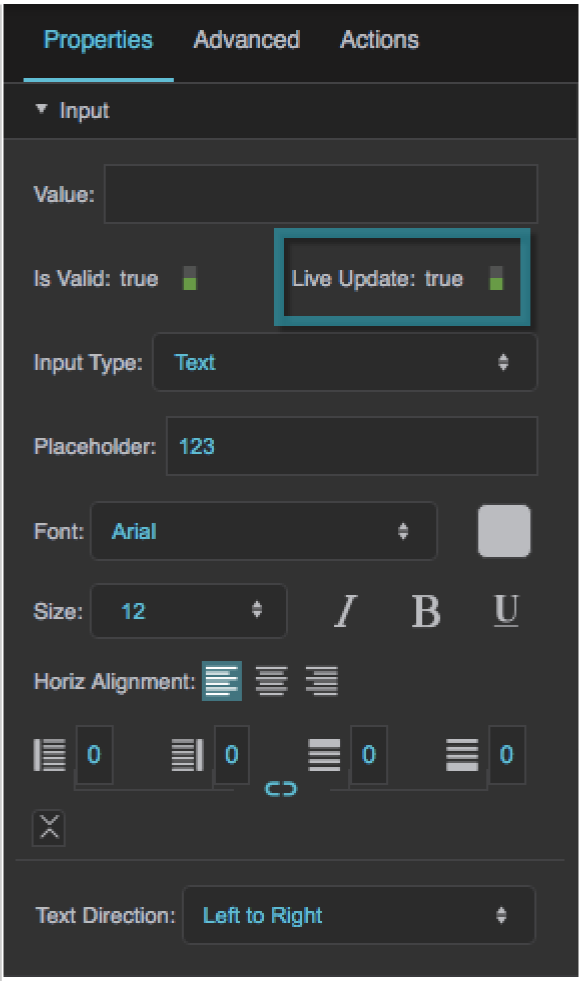
Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

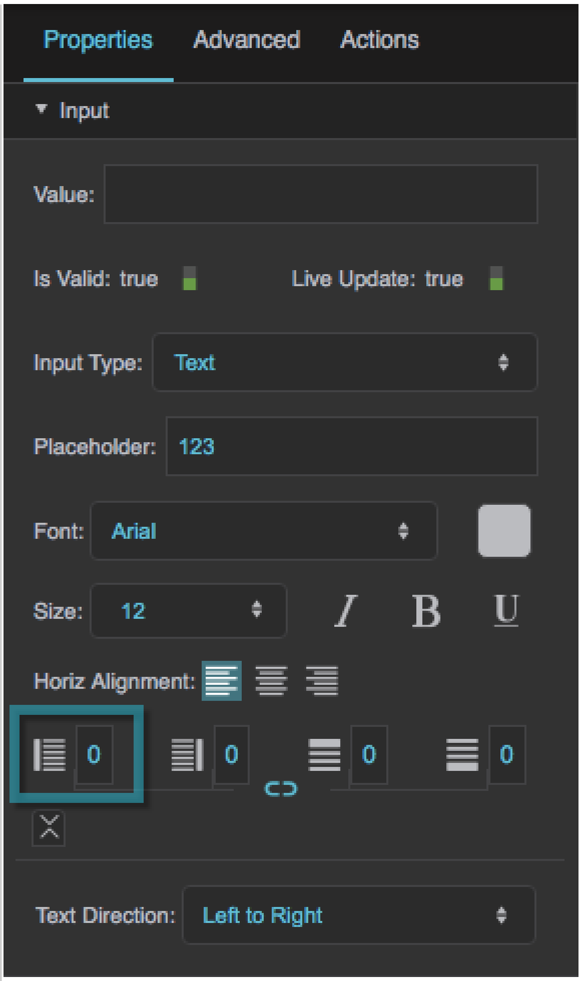
0 0 0 0

Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

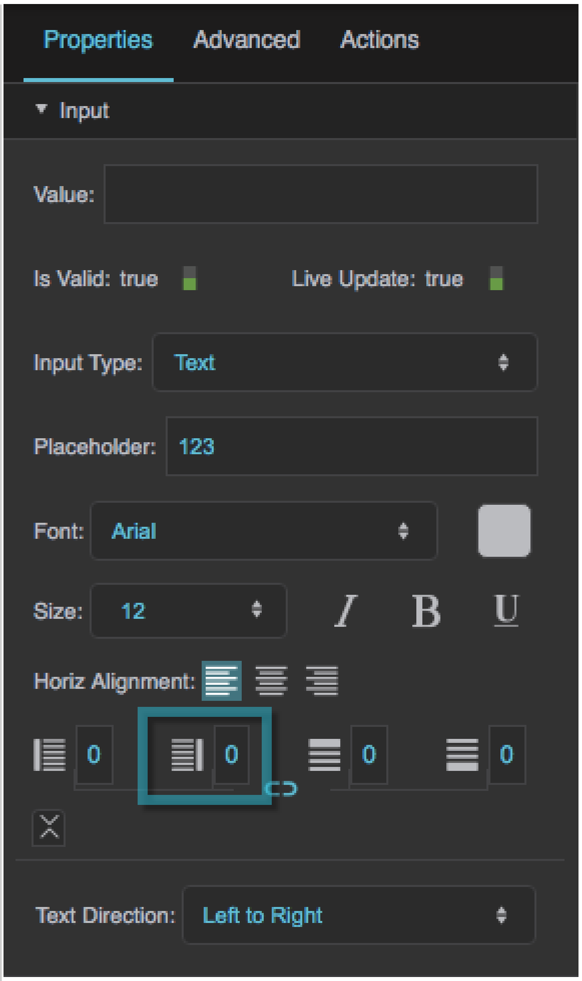
0 0 0 0

Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

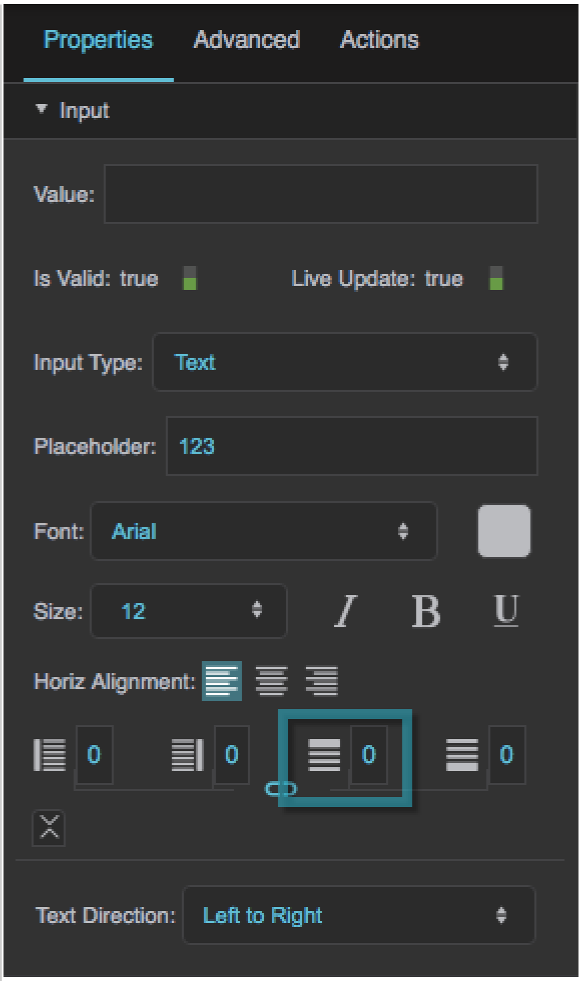
Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

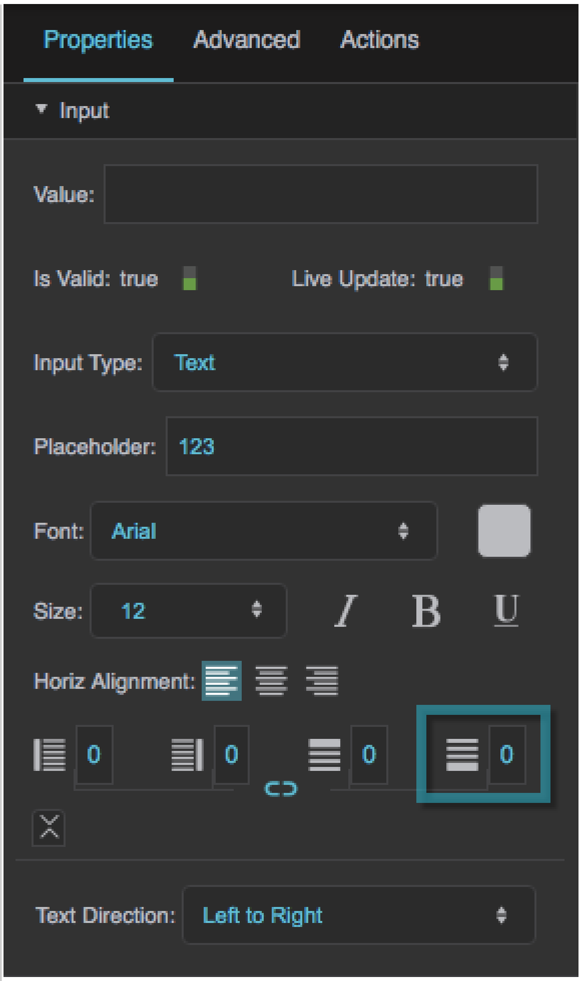
0 0 0 0

Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

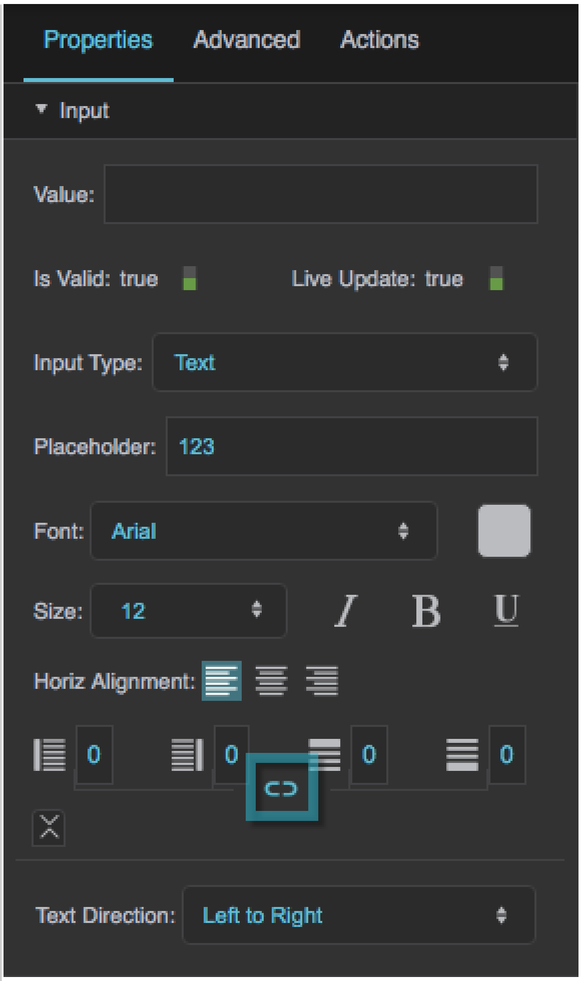
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Bottom Padding property

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



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

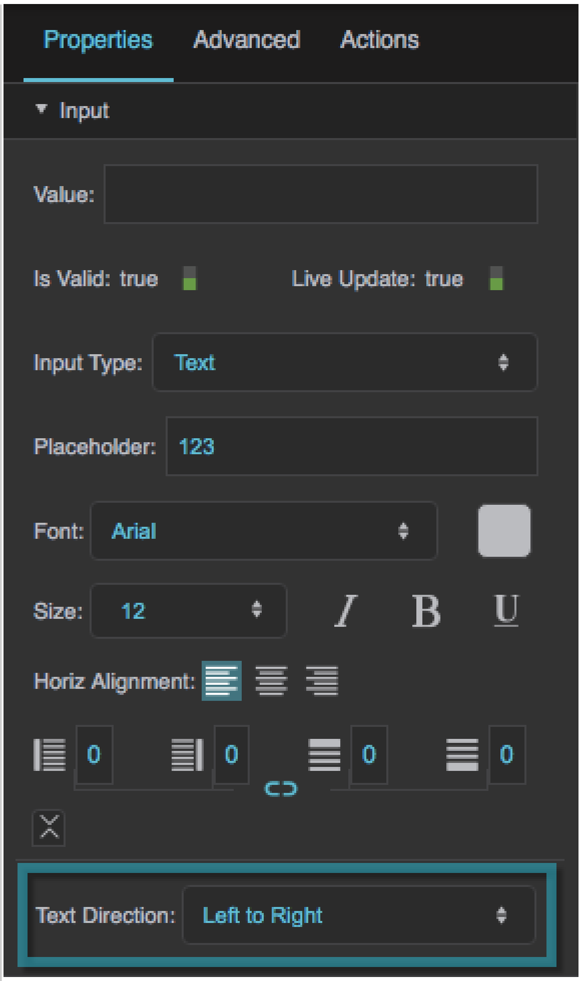
The Link Paddings property

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

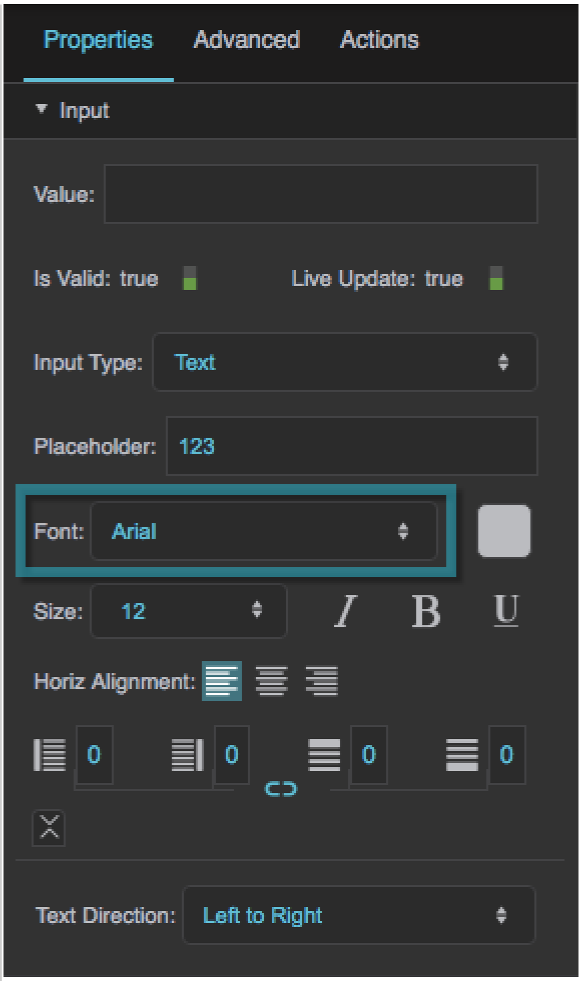
The Text Direction property

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?



Properties Advanced Actions

▾ Input

Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

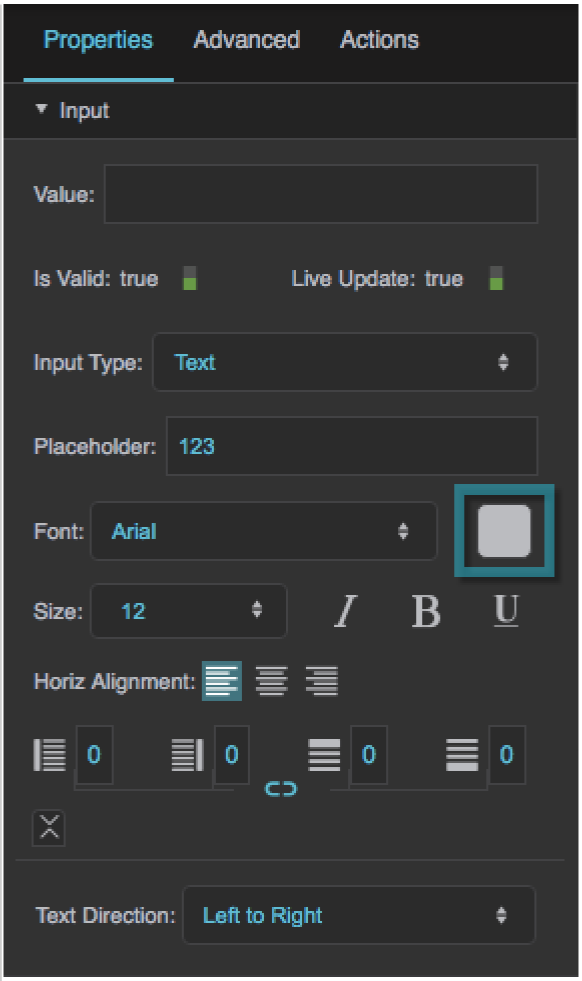
Size: 12

Horiz Alignment:

Text Direction: Left to Right

The Font property

Font Color
Defines the font color for this component.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

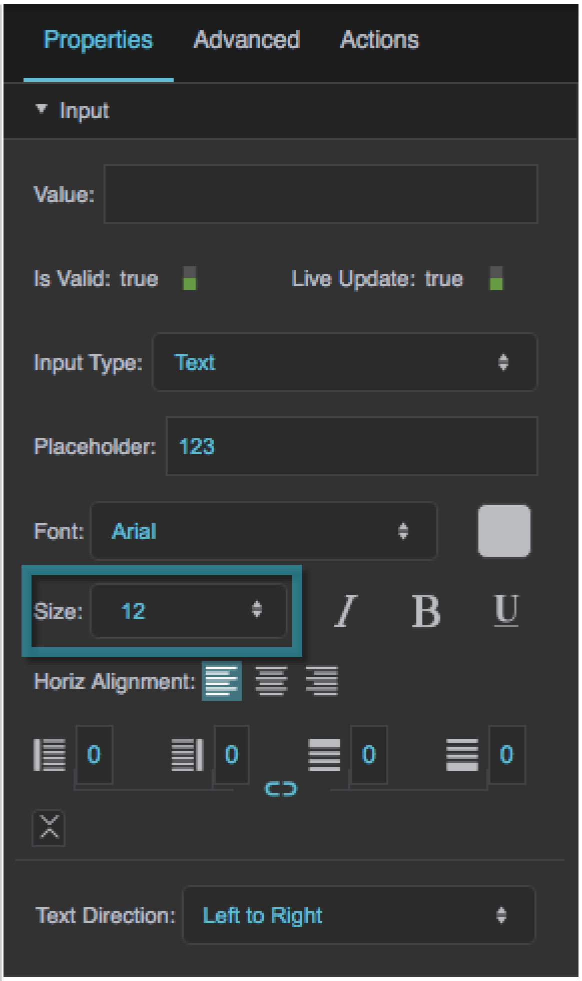
Size: 12

Horiz Alignment:

Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

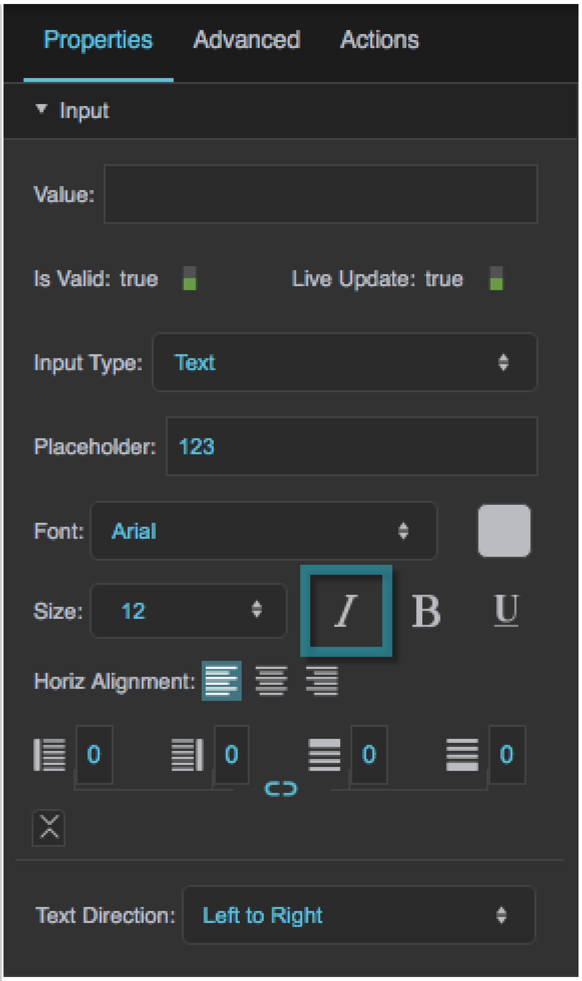
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Font Size property

Italic
Specifies whether text in this element is italicized.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

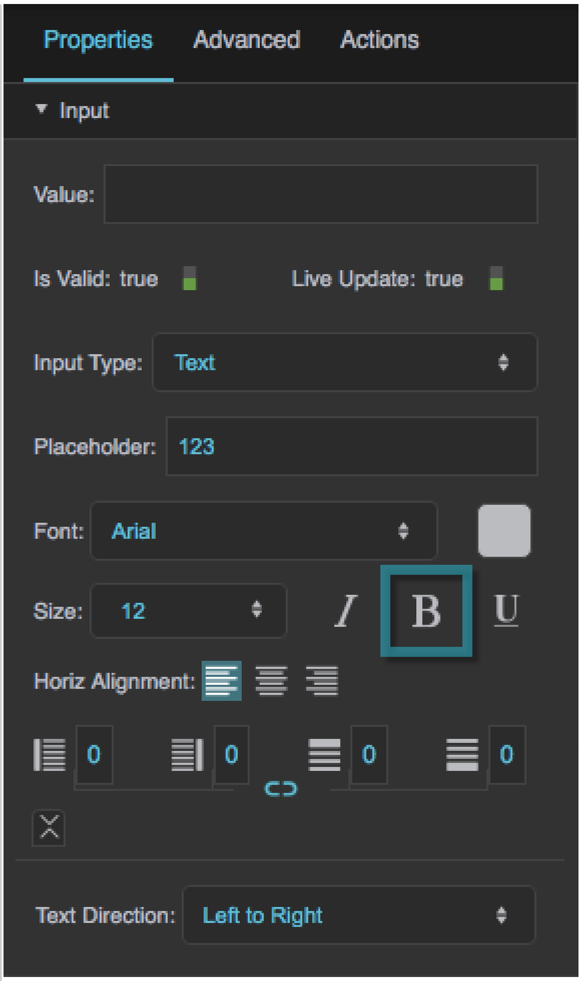
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Italic property

Bold
Specifies whether text in this element is bold.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

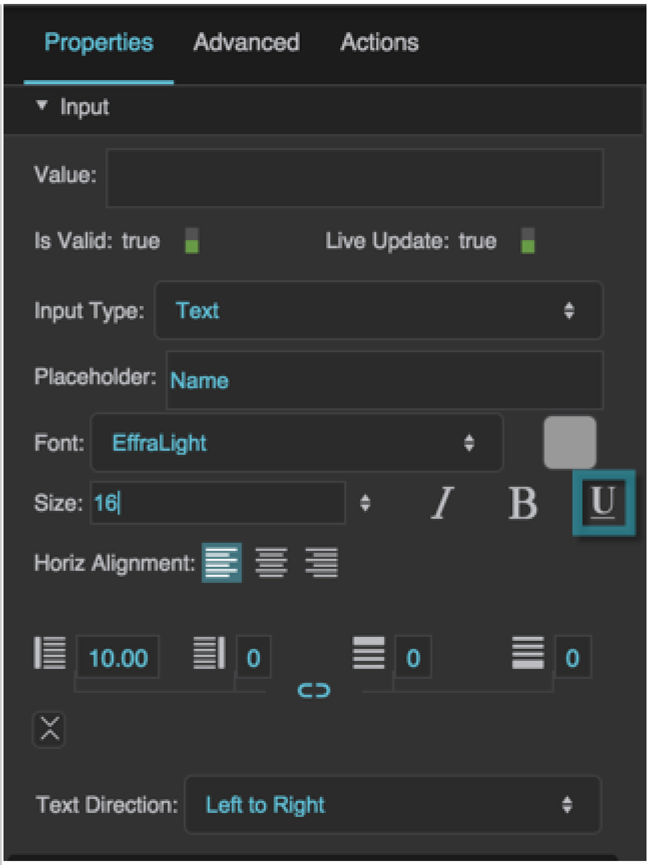
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Bold property

Underline
Specifies whether text in this element is underlined.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: Name

Font: EffraLight

Size: 16

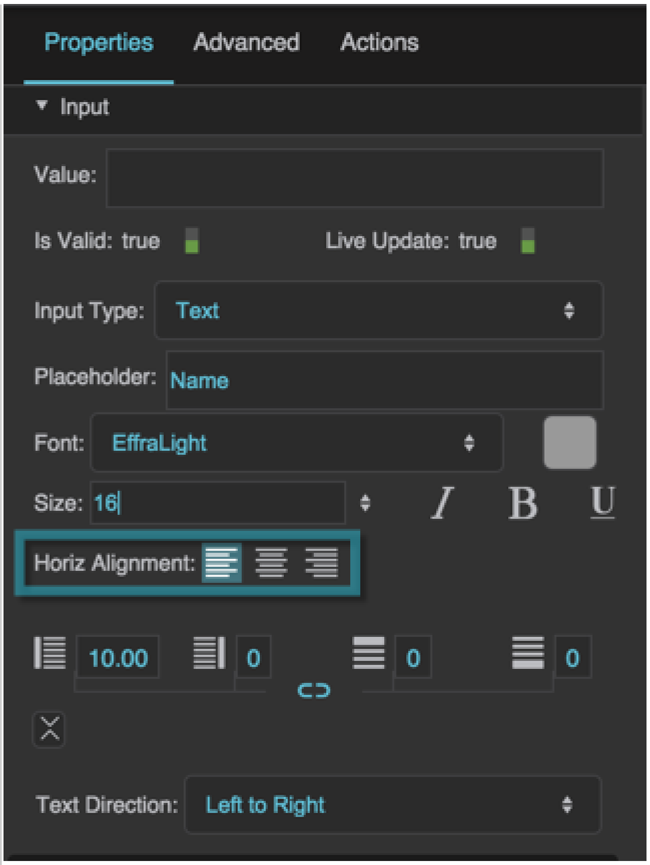
Horiz Alignment:

10.00 0 0 0

Text Direction: Left to Right

The Underline property

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



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: Name

Font: EffraLight

Size: 16

Horiz Alignment:

10.00 0 0 0

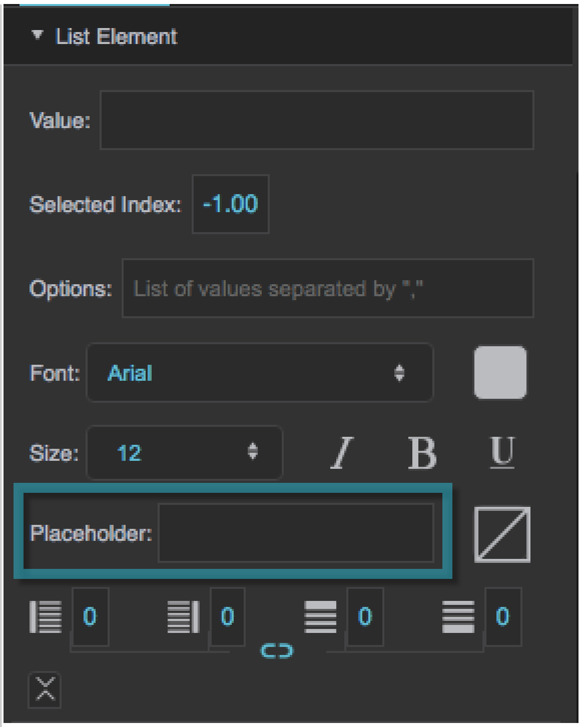
Text Direction: Left to Right

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.



▾ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

Placeholder:

The Placeholder property

2019/07/17 19:17

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.

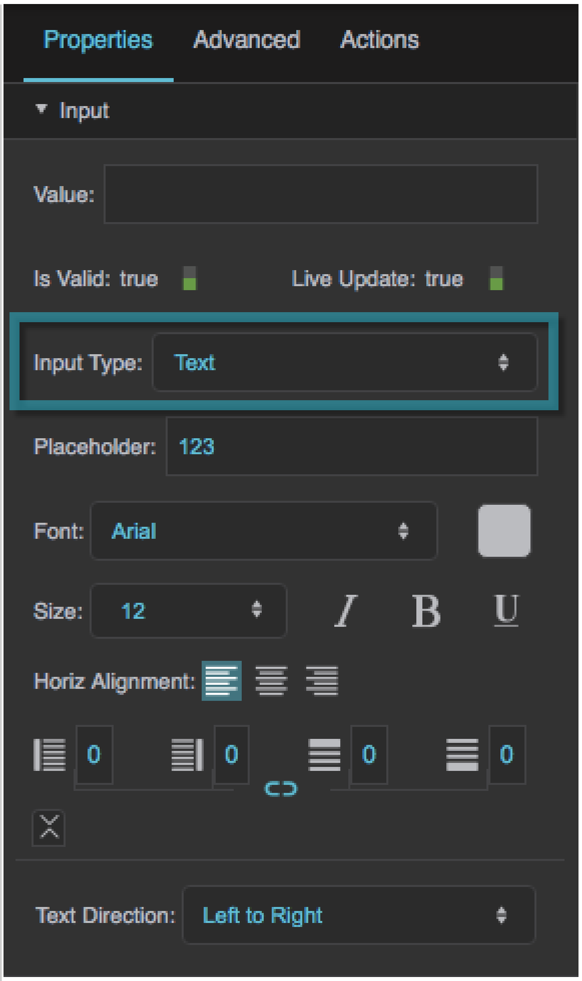
Input Type
For a text input component, specifies the valid input type, or the expected input type.

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.


Properties Advanced Actions

Input

Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Input Type property

2019/07/17 19:17

Date Input Properties

These properties affect a date input component. This component is also affected by shared input properties.

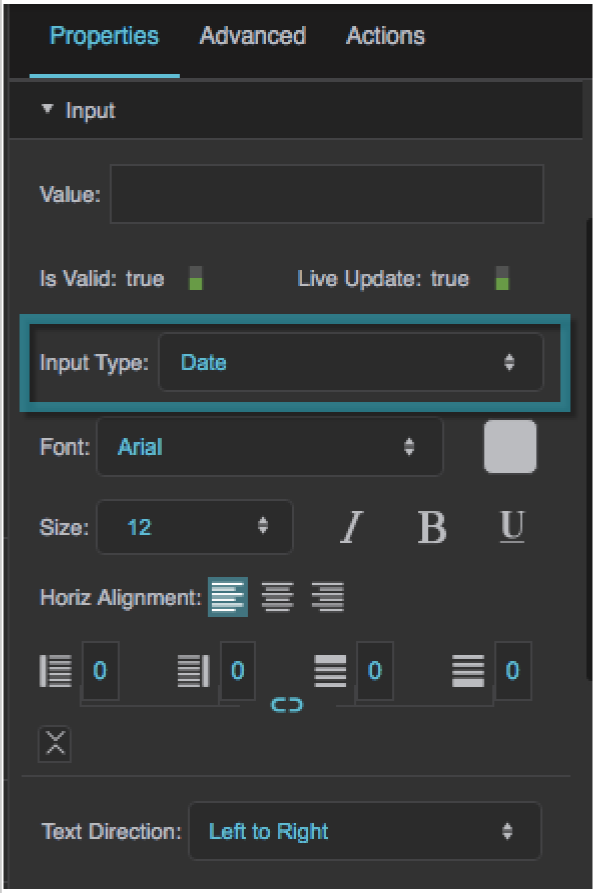
Input Type
Specifies the valid input type, or the expected input type.

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.



Properties Advanced Actions

Input

Value:

Is Valid: true

Live Update: true

Input Type: Date

Font: Arial

Size: 12

Horiz Alignment:

Text Direction: Left to Right

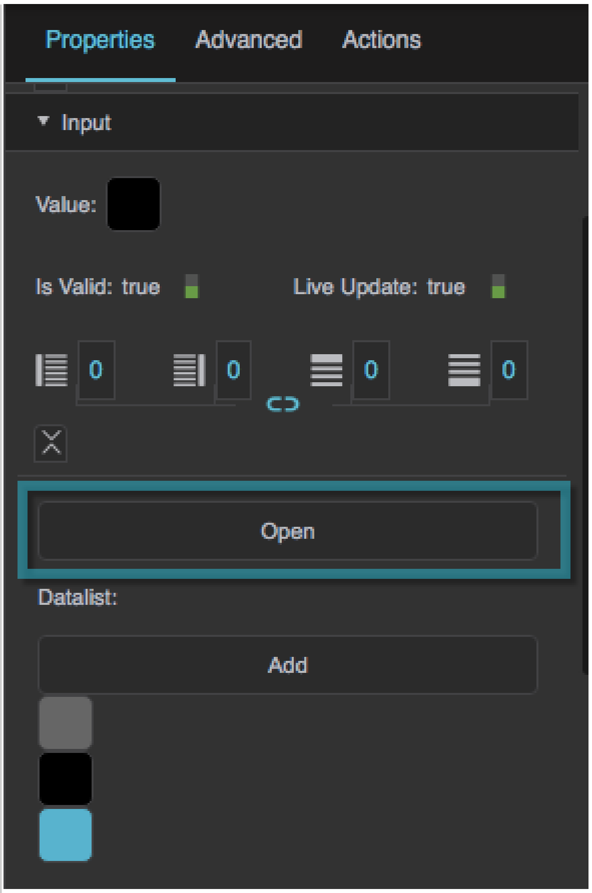
The Input Type property

2019/07/17 19:17

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.

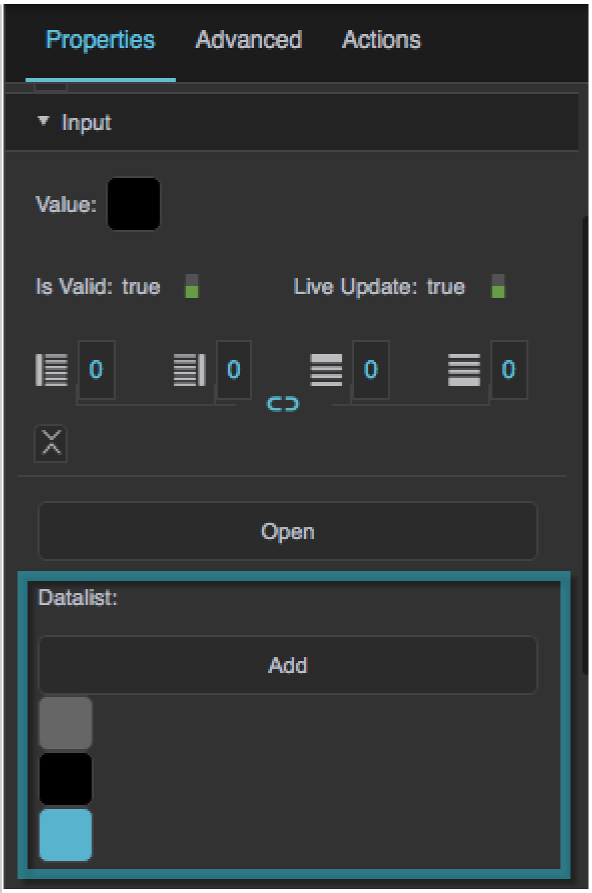


The Open property

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

2019/07/17 19:17

Number Input Properties

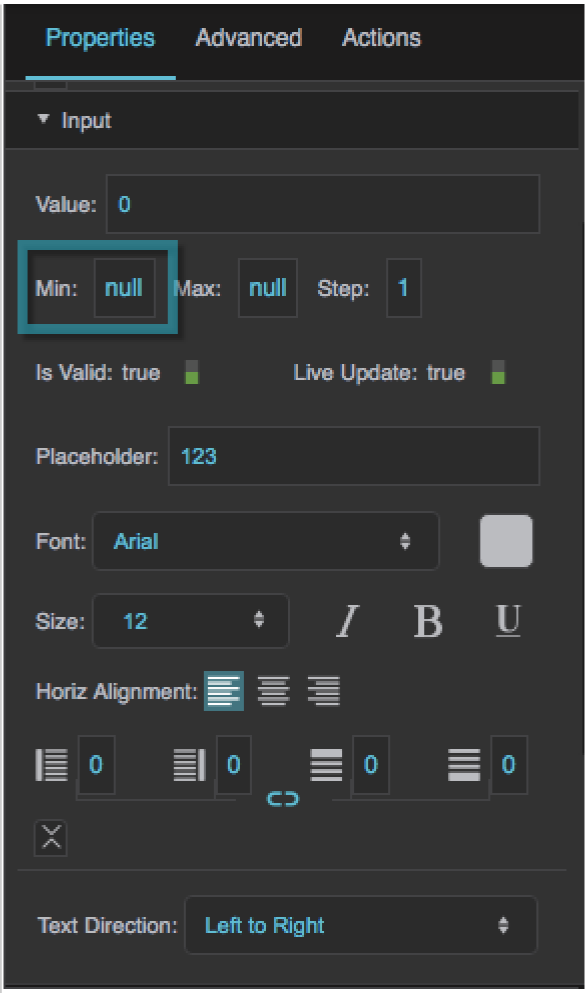
These properties affect a number input component. This component is also affected by shared input properties.

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

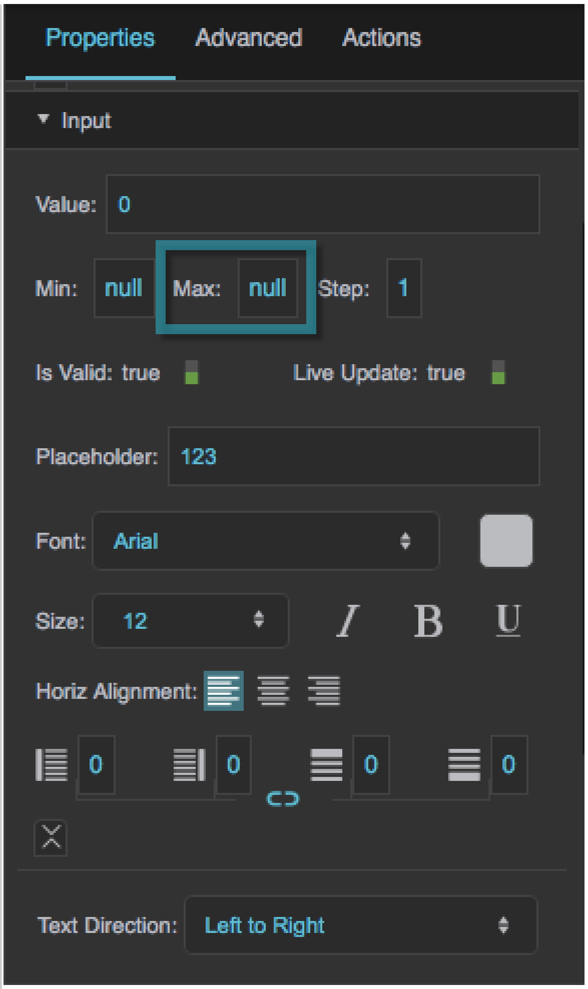
0 0 0 0

Text Direction: Left to Right

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

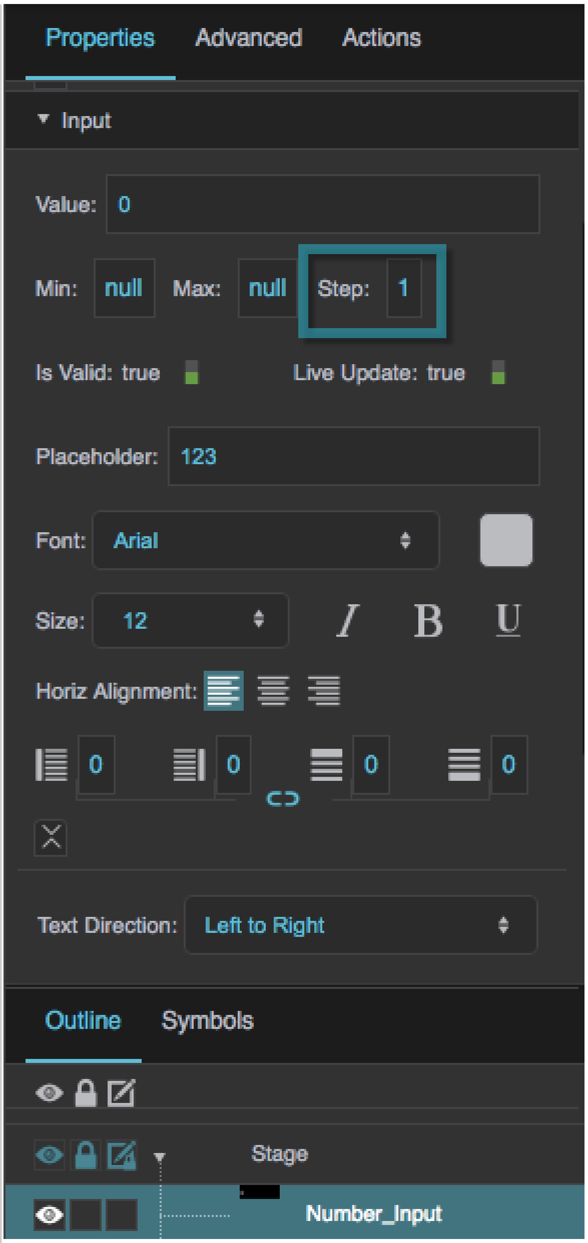
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

0 0 0 0

Text Direction: Left to Right

Number_Input

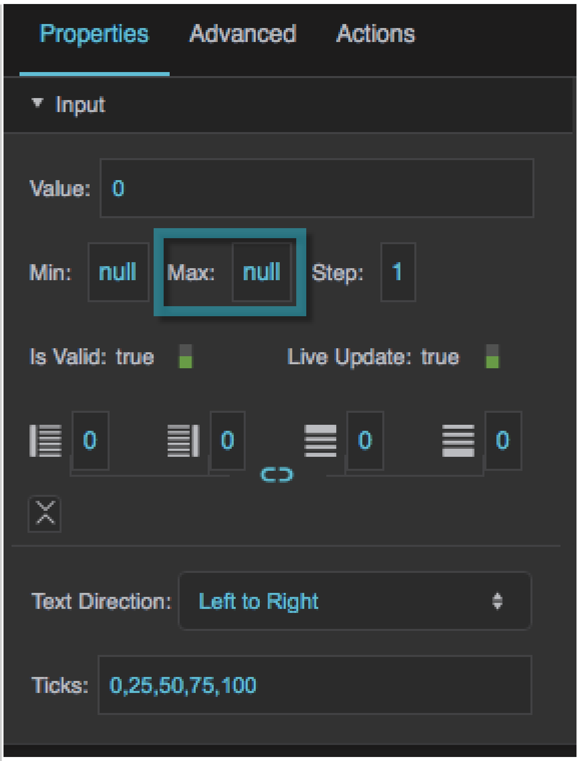
The Step property

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. {{:dglux5_wiki:widgets_and_property_inspector:property_inspector:properties_input_range_min.png?direct|The Min property

The Min property </hidden>

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.



Value: 0

Min: null Max: null Step: 1

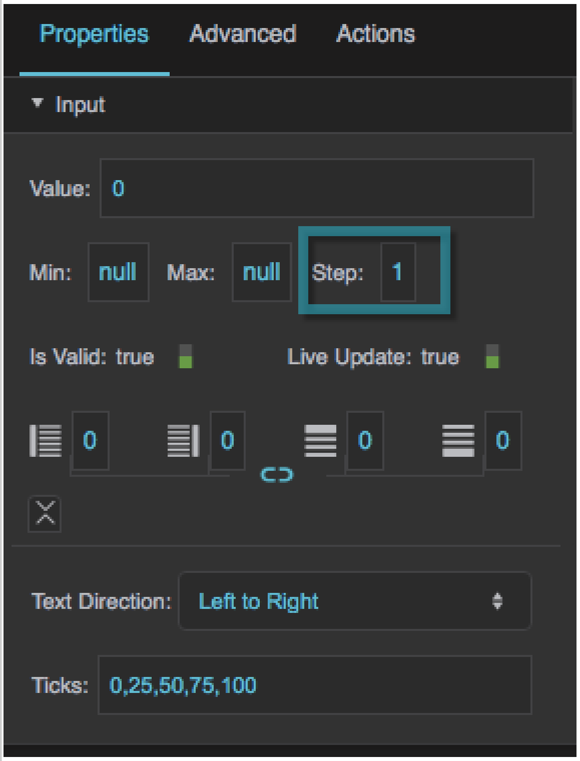
Is Valid: true Live Update: true

Text Direction: Left to Right

Ticks: 0,25,50,75,100

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.



Value: 0

Min: null Max: null Step: 1

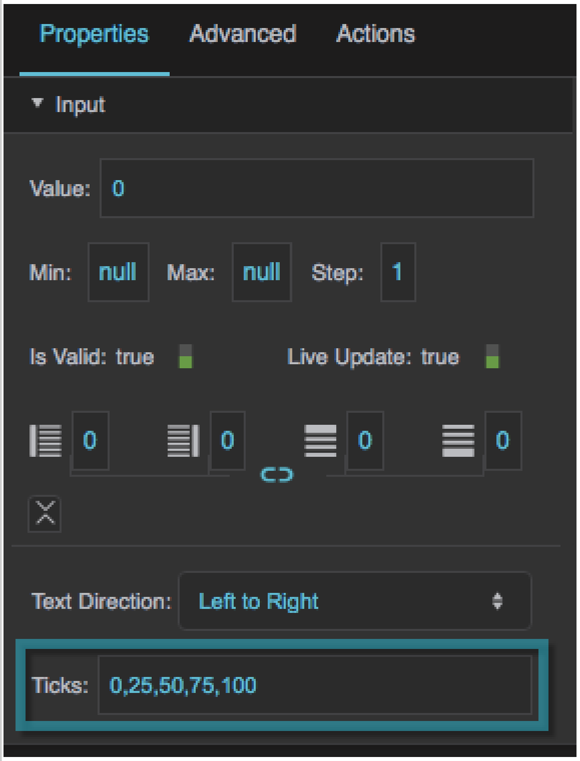
Is Valid: true Live Update: true

Text Direction: Left to Right

Ticks: 0,25,50,75,100

The Step property

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



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

Text Direction: Left to Right

Ticks: 0,25,50,75,100

The Ticks property

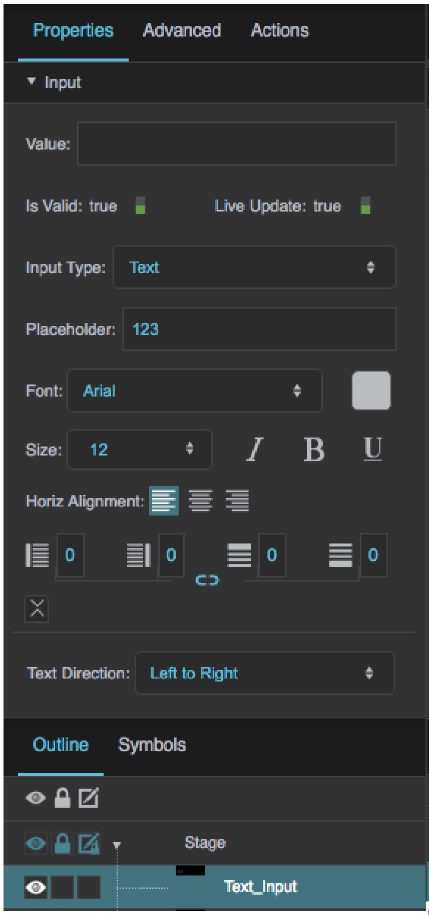
2019/07/17 19:17

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.



Input

Value:

Is Valid: true Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

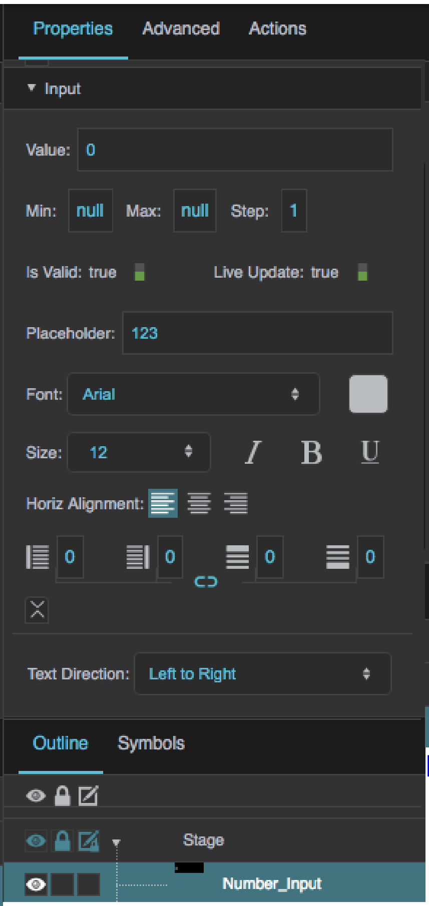
0 0 0 0

Text Direction: Left to Right

Stage

Text_Input

Text Input properties



Input

Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

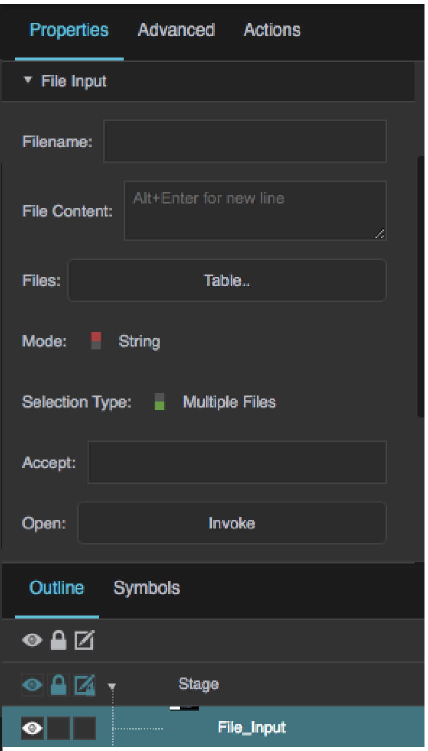
0 0 0 0

Text Direction: Left to Right

Stage

Number_Input

Number Input properties



File Input

Filename:

File Content: Alt+Enter for new line

Files: Table..

Mode: String

Selection Type: Multiple Files

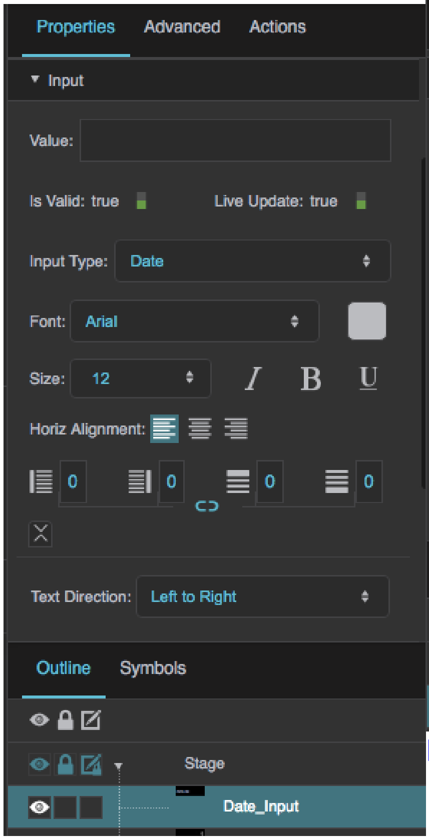
Accept:

Open: Invoke

Stage

File_Input

File Input properties



Input

Value:

Is Valid: true Live Update: true

Input Type: Date

Font: Arial

Size: 12

Horiz Alignment:

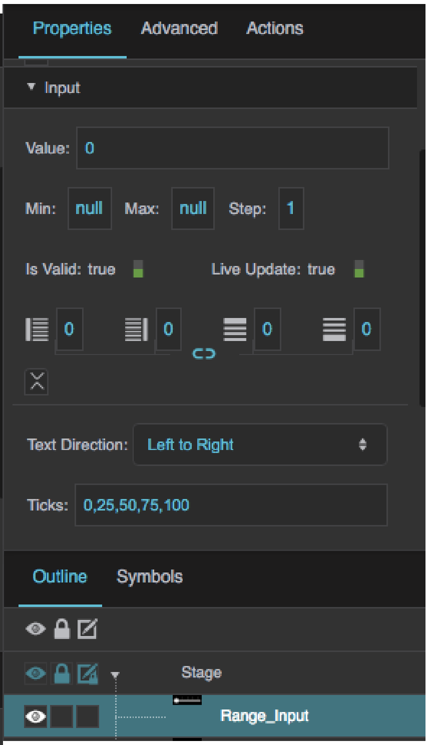
0 0 0 0

Text Direction: Left to Right

Stage

Date_Input

Date Input properties



Input

Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

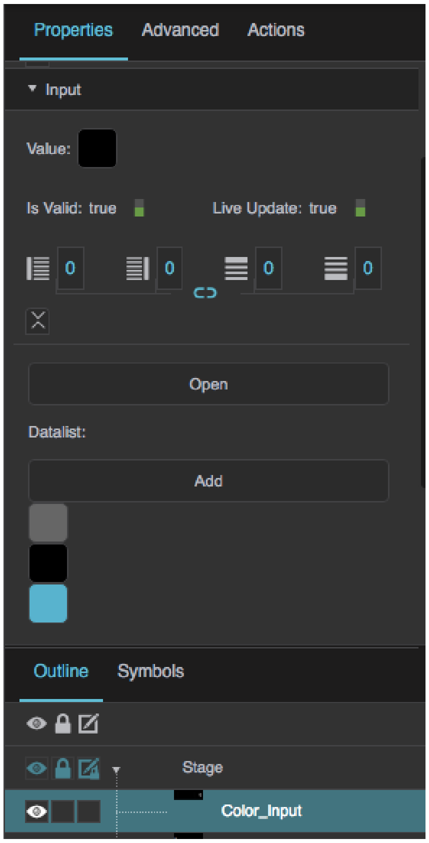
Text Direction: Left to Right

Ticks: 0,25,50,75,100

Stage

Range_Input

Range Input properties



Value:

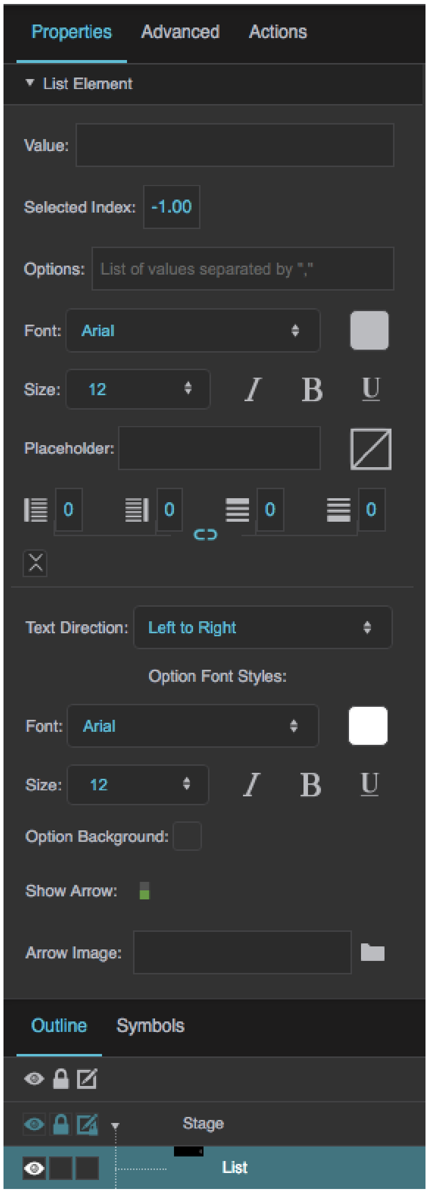
Is Valid: true

Live Update: true

0 0 0 0

Datalist:

Color Input properties



Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

Placeholder:

0 0 0 0

Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

Show Arrow:

Arrow Image:

List Input properties

Click to display/hide all elements

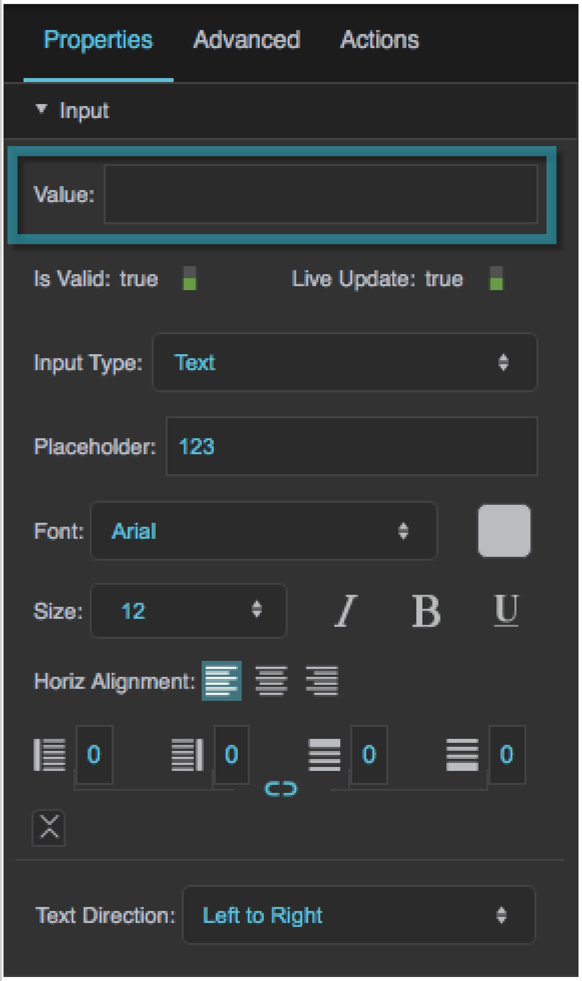
Shared Input Properties

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.



Value:

Is Valid: true 🟩 Live Update: true 🟩

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

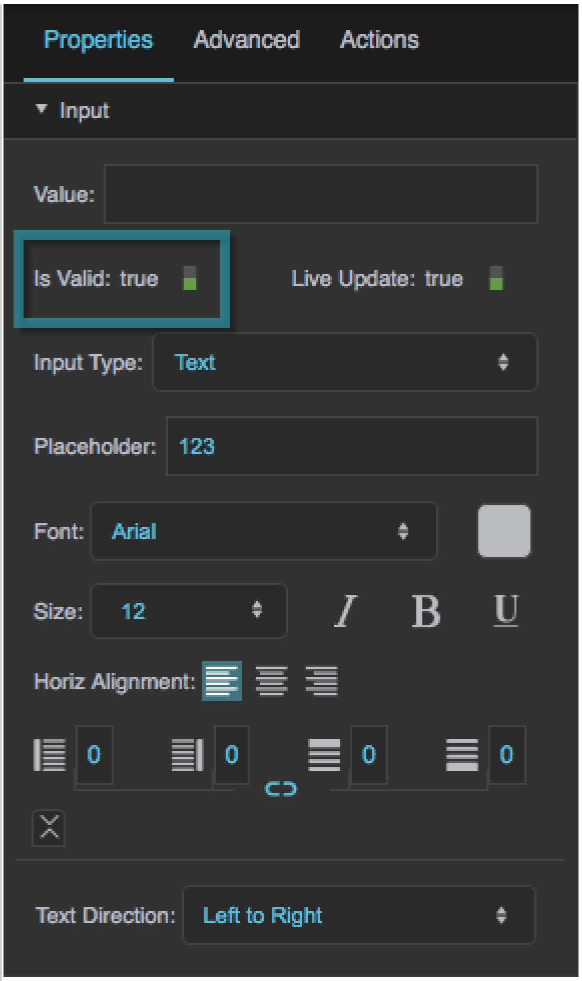
Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

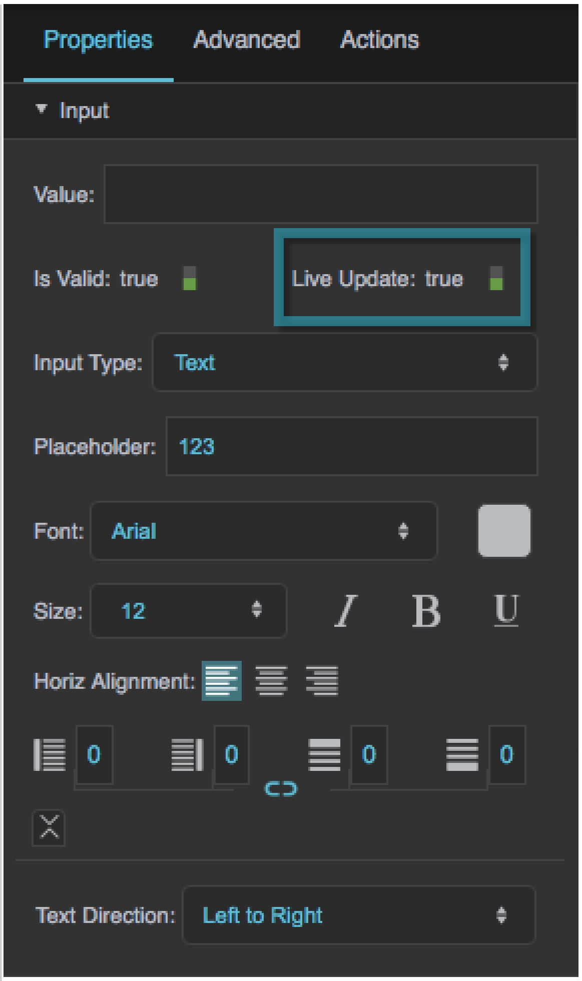
Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

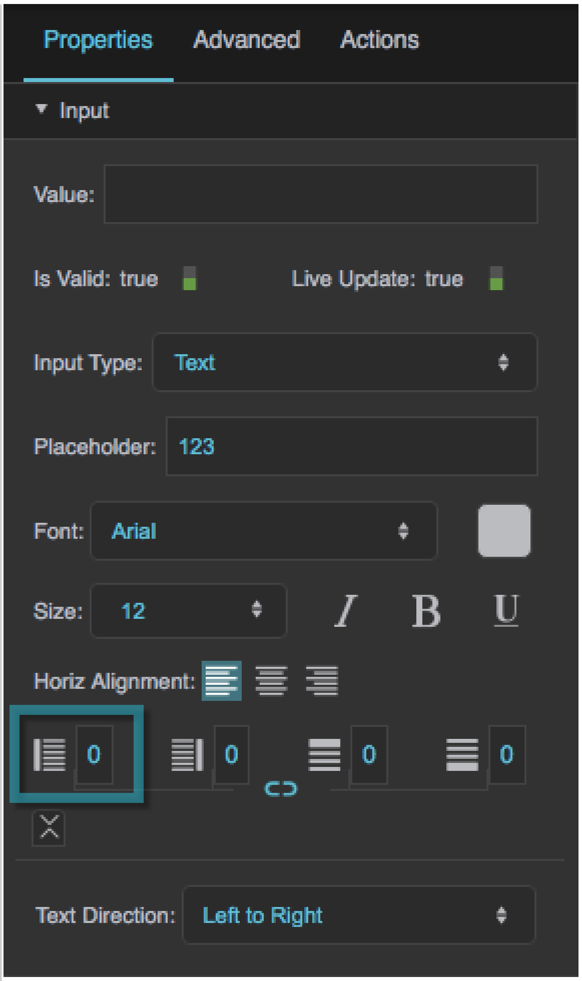
0 0 0 0

Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

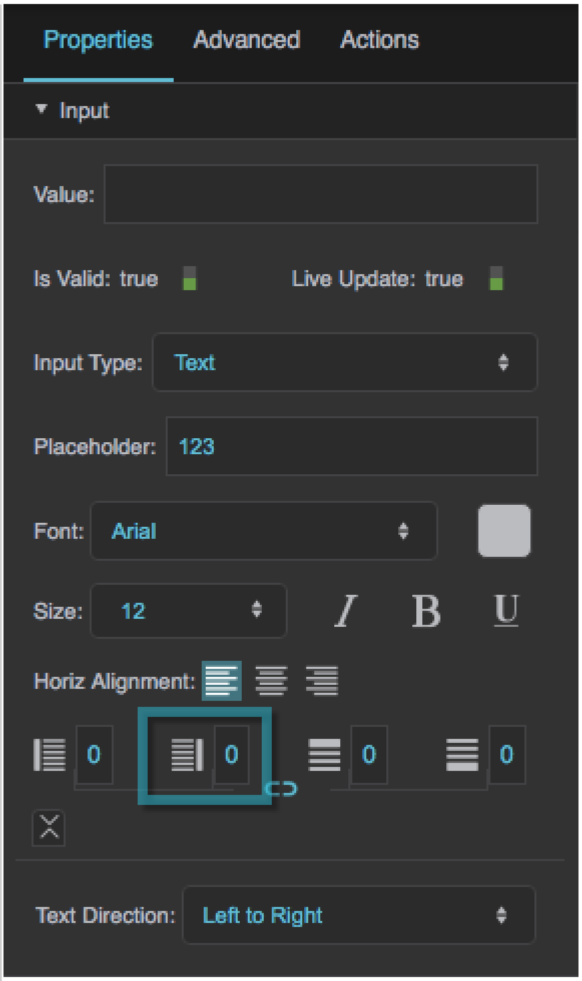
0 0 0 0

Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

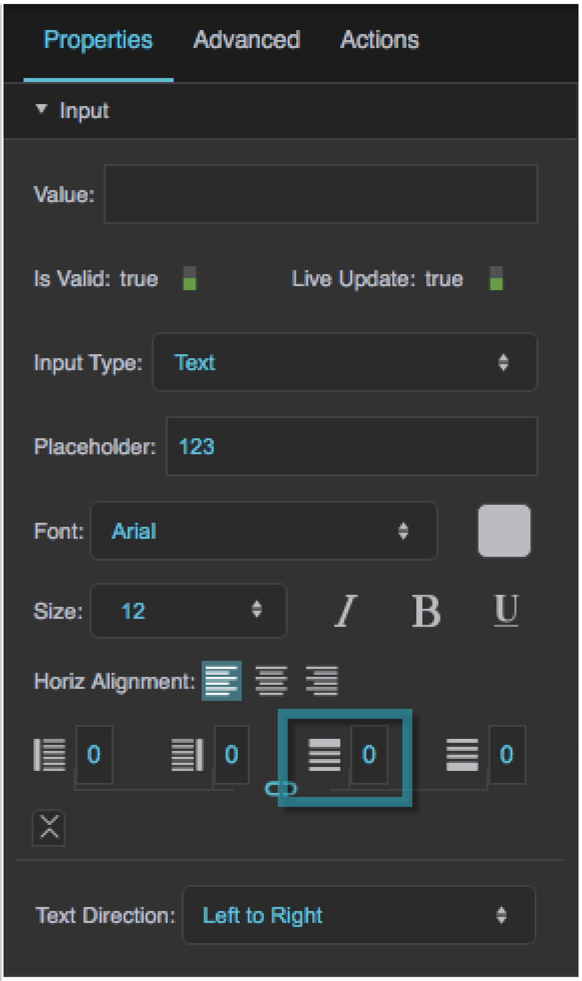
0 0 0 0

Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Input

Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

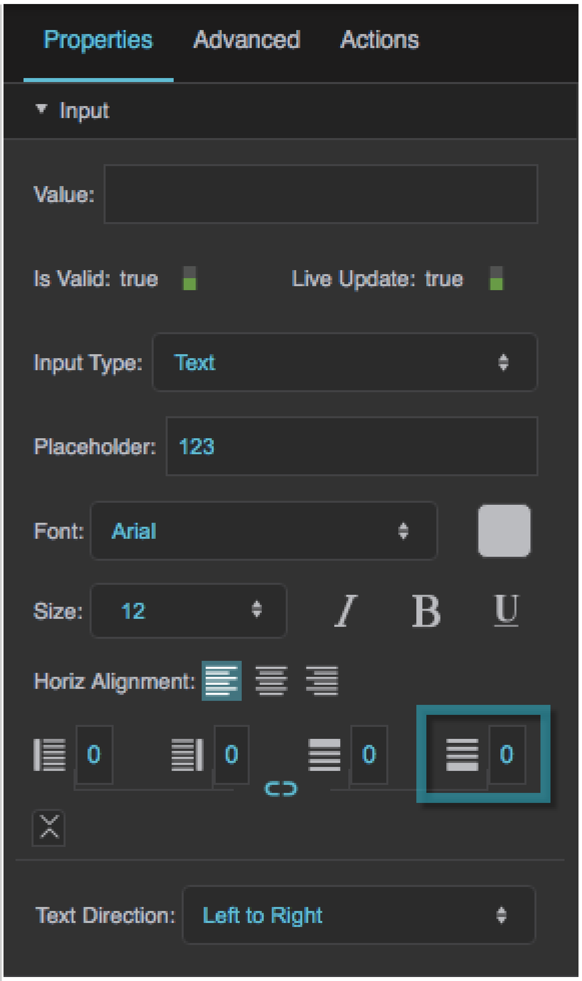
0 0 0 0

Text Direction: Left to Right

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.

Paddings are part of an object's width and height. See Borders, Padding, and Content Size.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

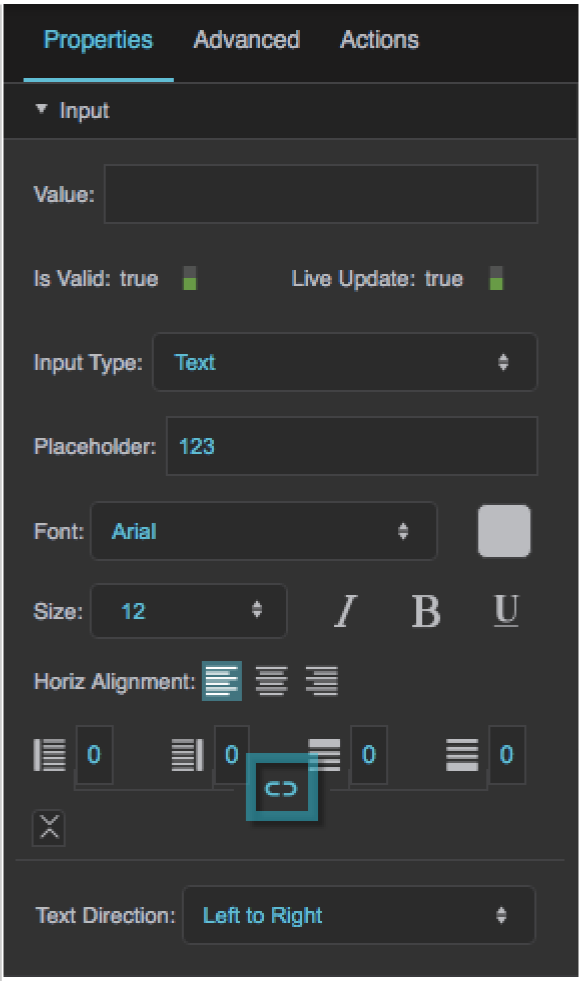
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Bottom Padding property

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



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

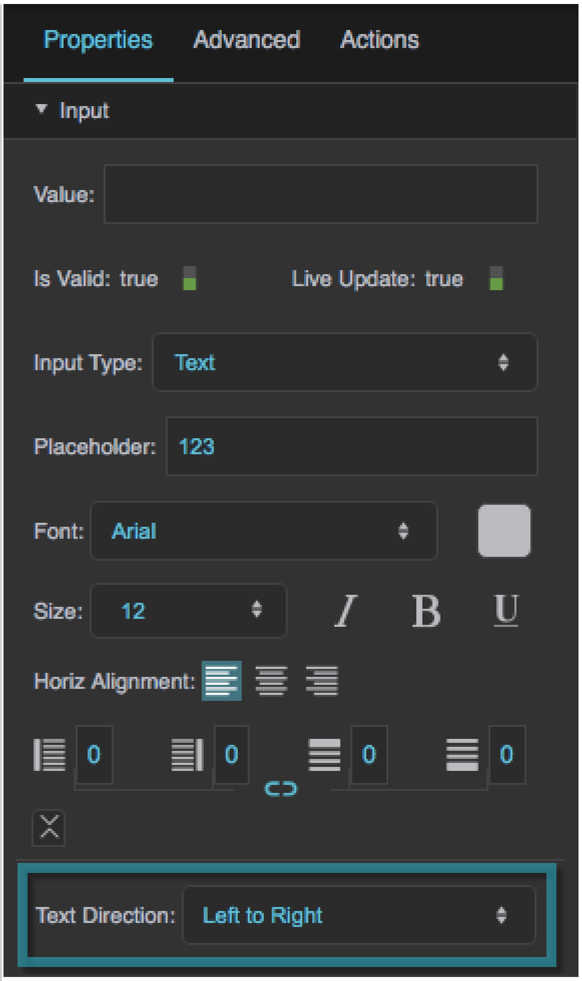
The Link Paddings property

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

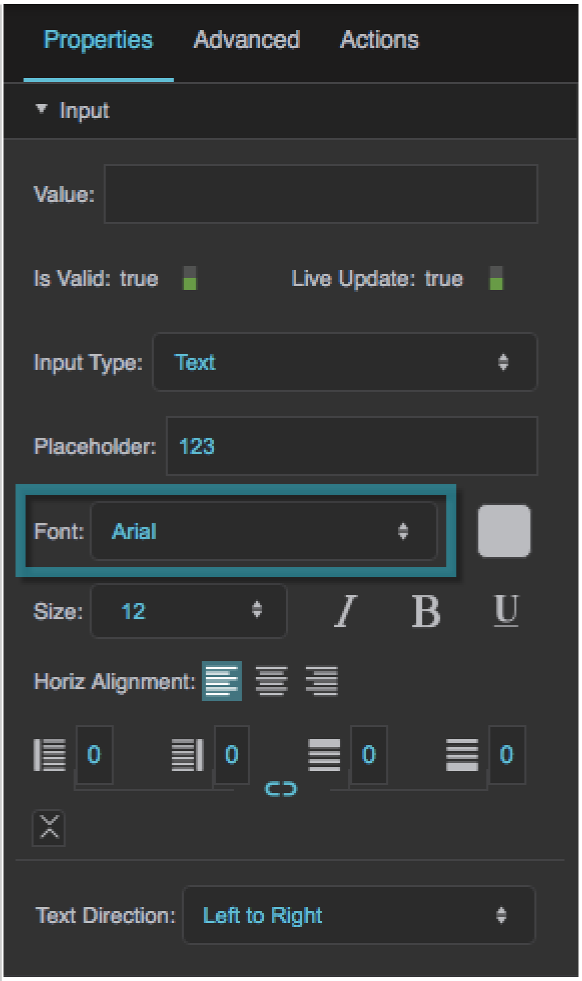
The Text Direction property

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?



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

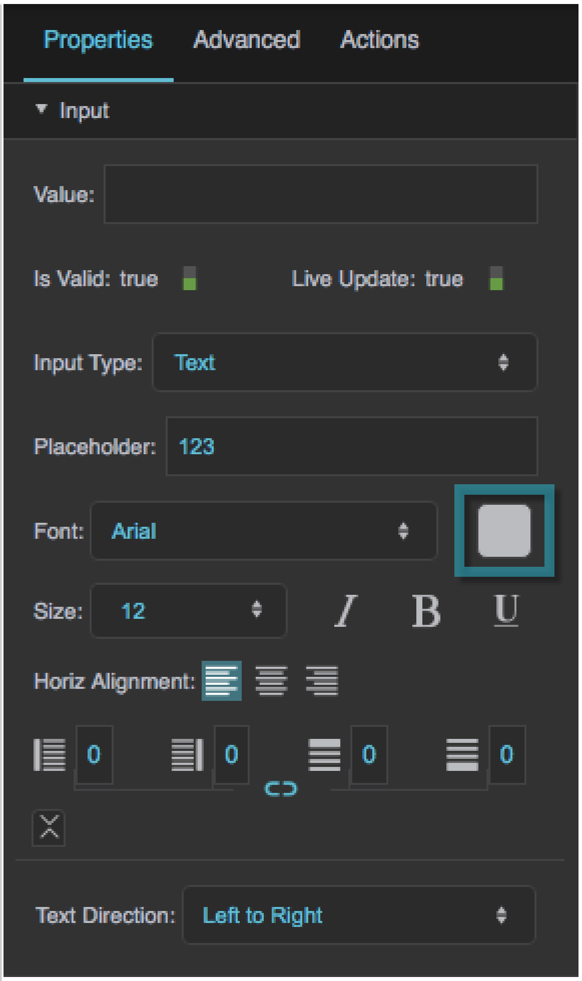
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Font property

Font Color
Defines the font color for this component.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

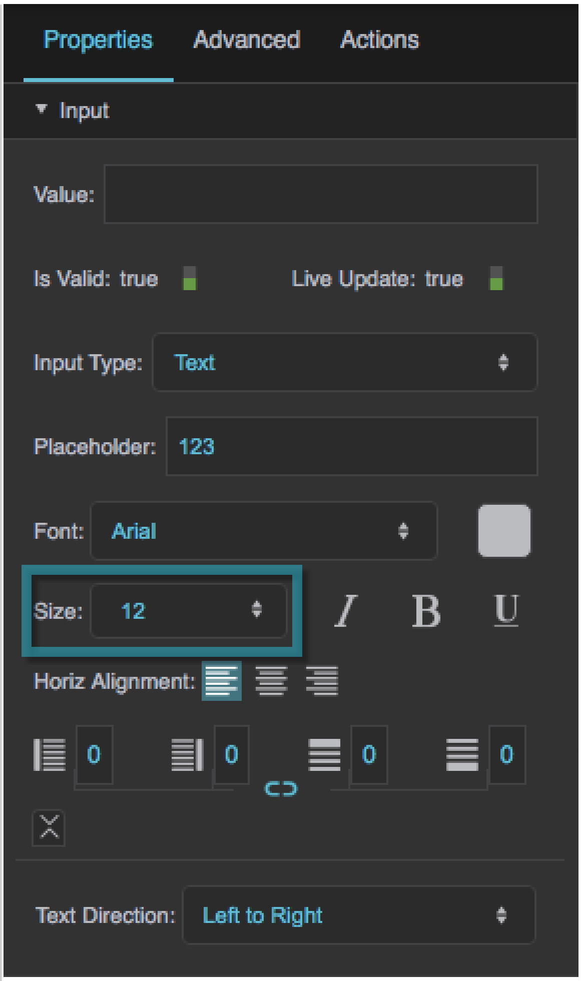
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

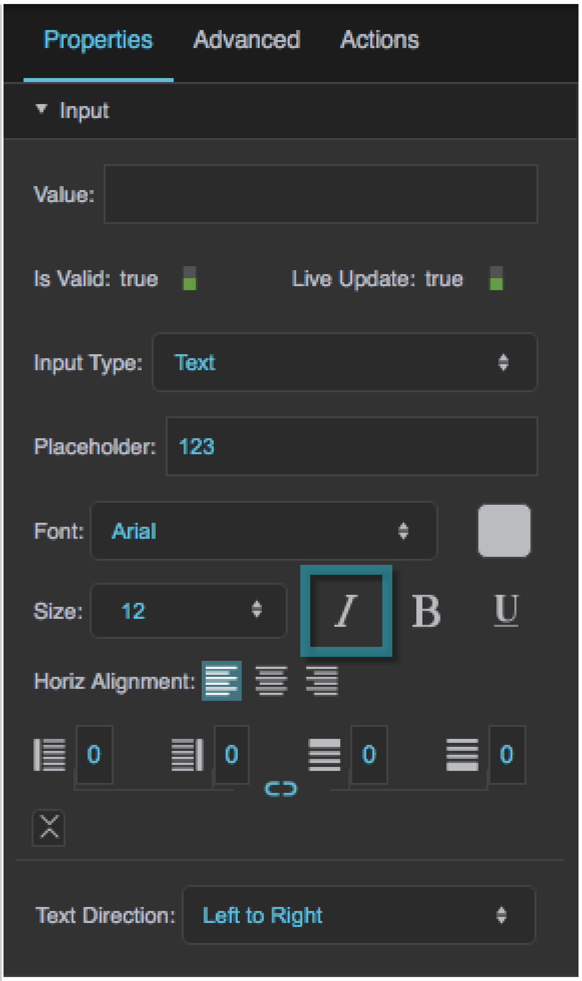
Size: 12

0 0 0 0

Text Direction: Left to Right

The Font Size property

Italic
Specifies whether text in this element is italicized.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

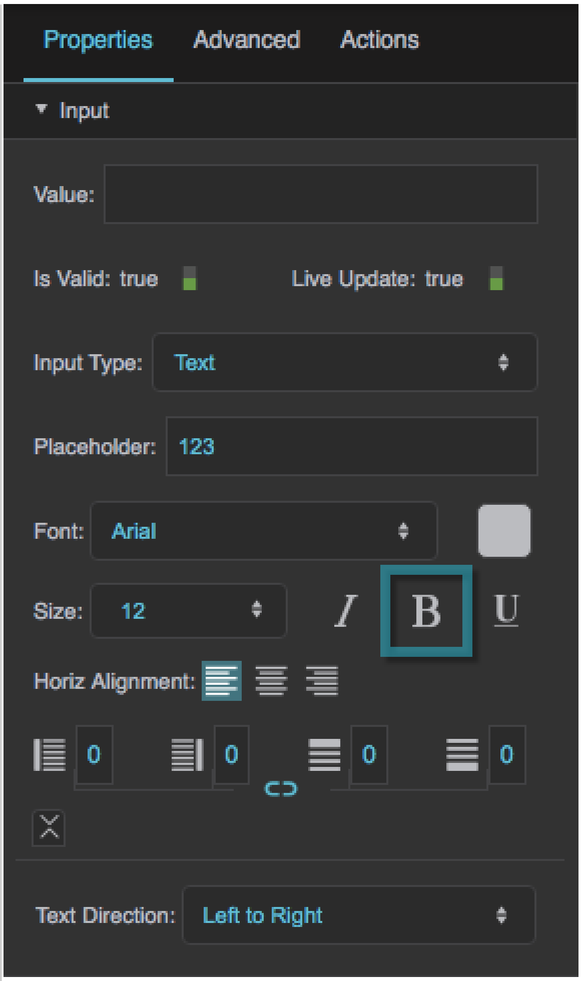
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Italic property

Bold
Specifies whether text in this element is bold.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

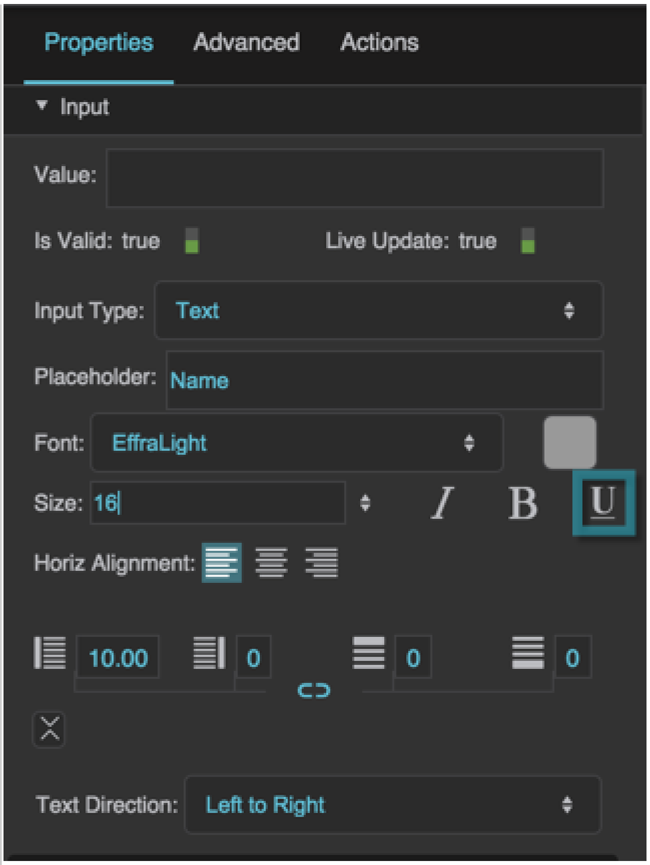
Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Bold property

Underline
Specifies whether text in this element is underlined.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: Name

Font: EffraLight

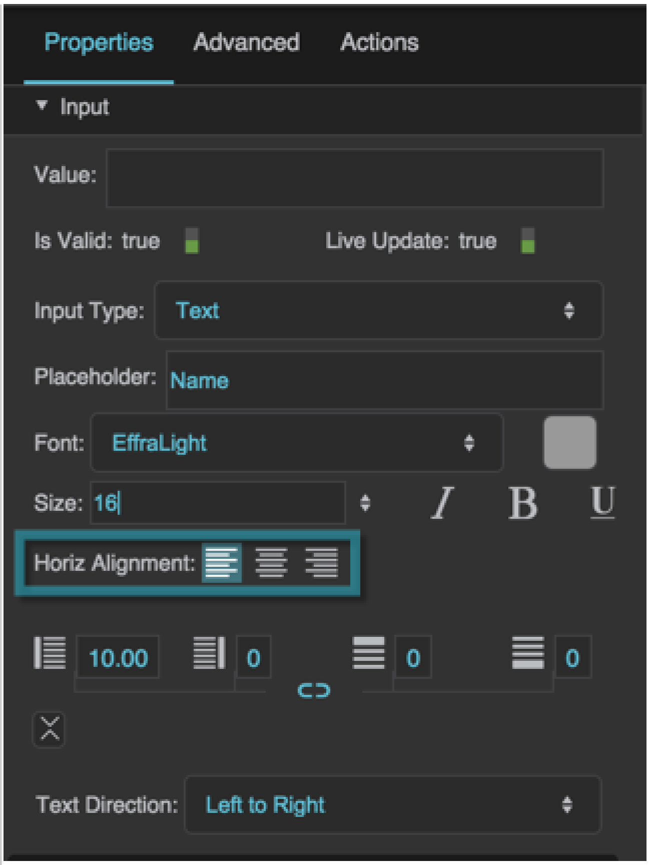
Size: 16

10.00 0 0 0

Text Direction: Left to Right

The Underline property

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



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: Name

Font: EffraLight

Size: 16

Horiz Alignment:

10.00 0 0 0

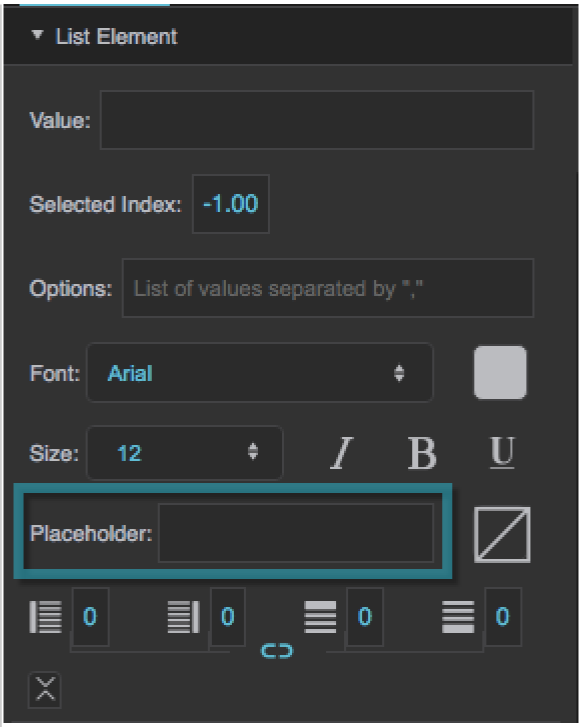
Text Direction: Left to Right

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.



▼ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

Placeholder:

0 0 0 0

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.

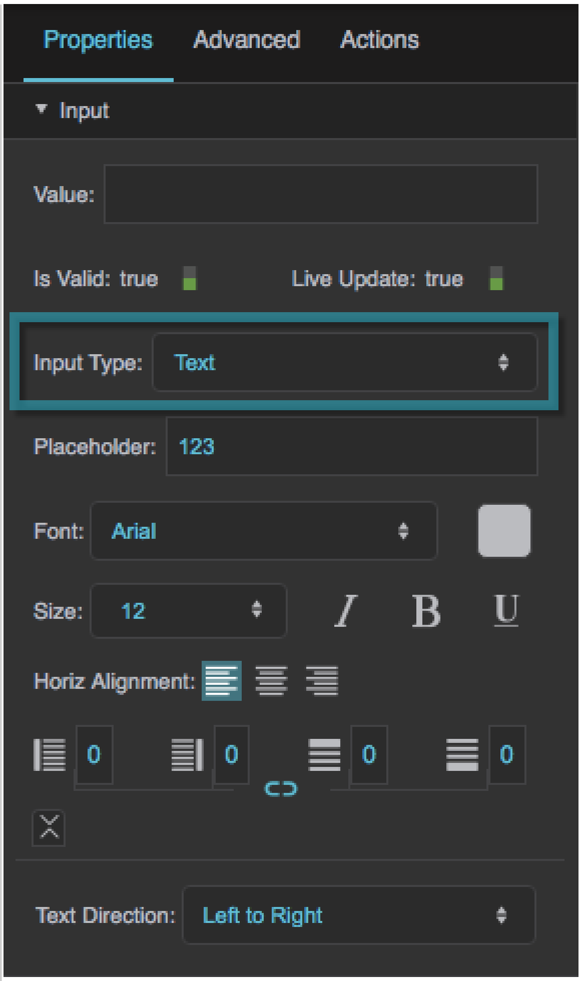
Input Type
For a text input component, specifies the valid input type, or the expected input type.

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.



Value:

Is Valid: true

Live Update: true

Input Type: Text

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

Text Direction: Left to Right

The Input Type property

Date Input Properties

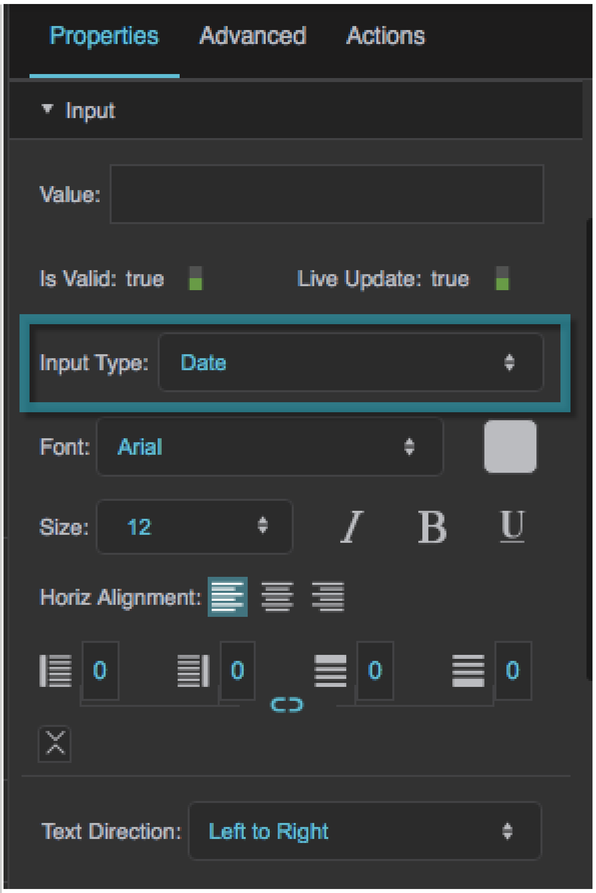
These properties affect a date input component. This component is also affected by shared input properties.

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.



Value:

Is Valid: true

Live Update: true

Input Type: Date

Font: Arial

Size: 12

Horiz Alignment:

0 0 0 0

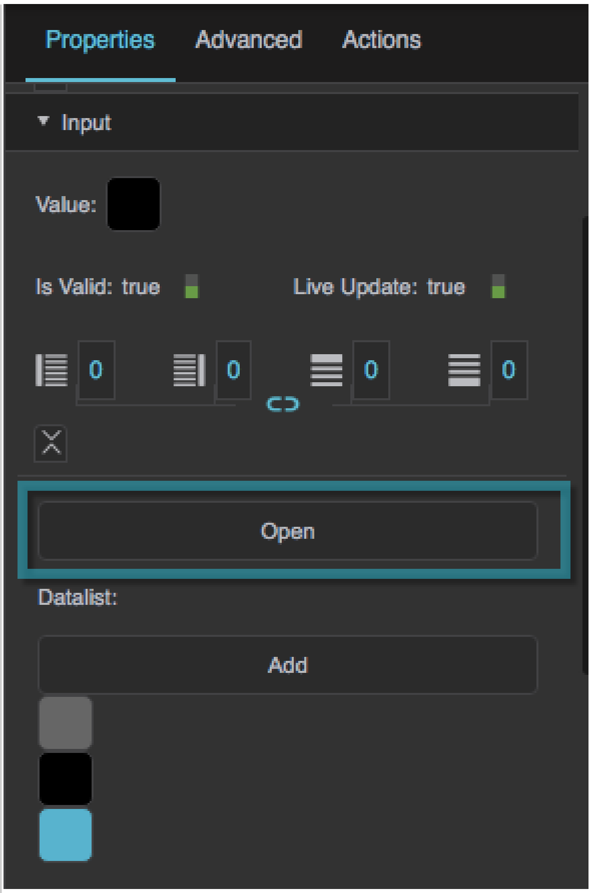
Text Direction: Left to Right

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.

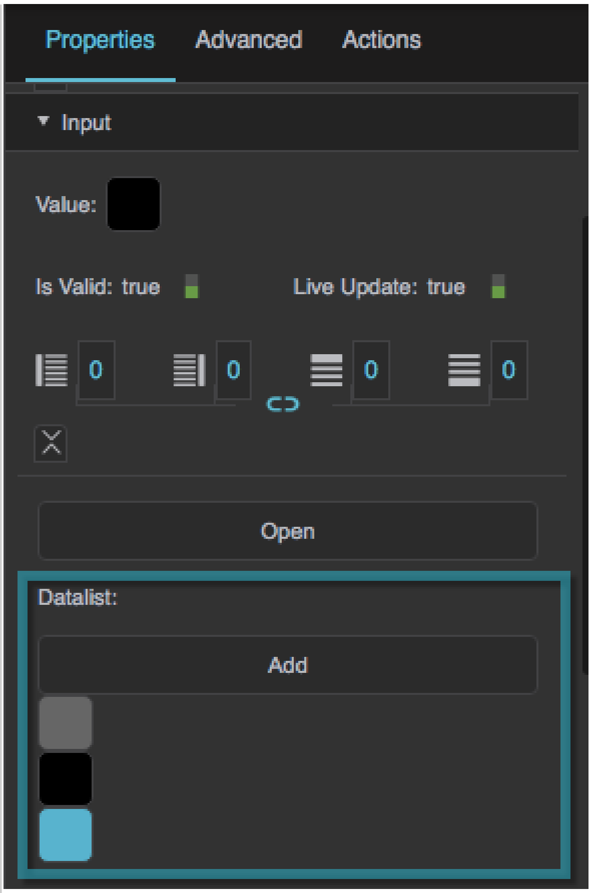


The Open property

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

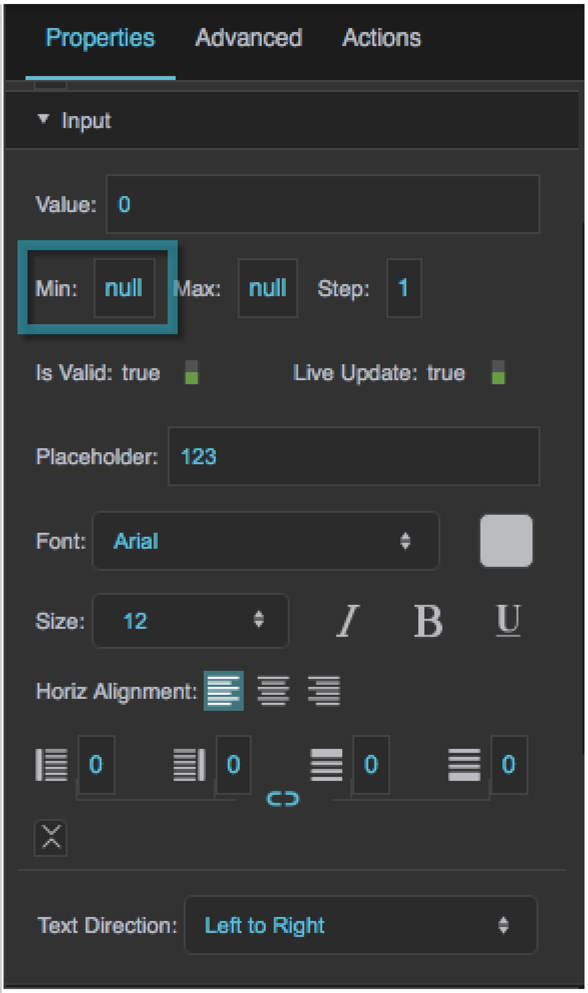
These properties affect a number input component. This component is also affected by shared input properties.

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.



Input

Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

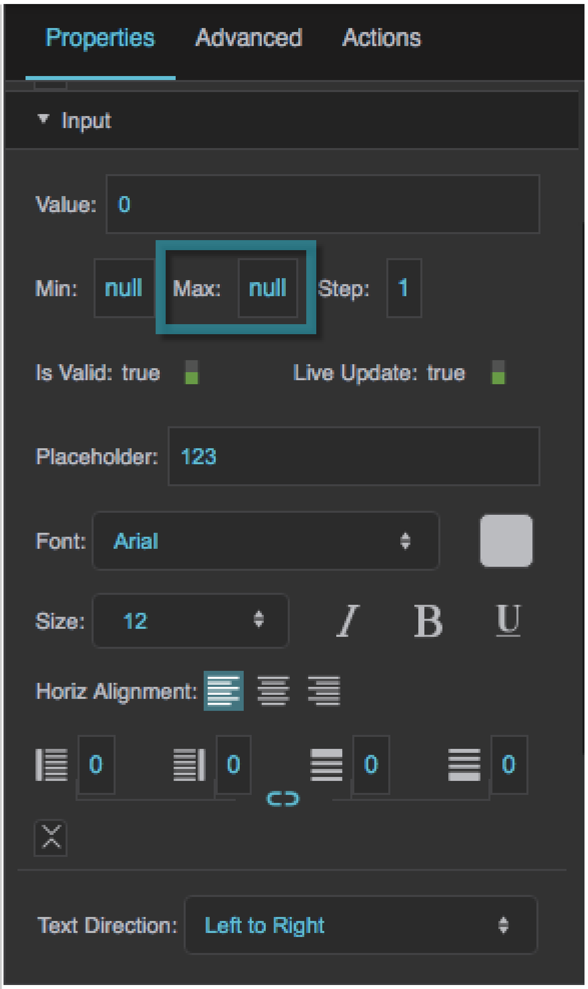
0 0 0 0

Text Direction: Left to Right

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

Placeholder: 123

Font: Arial

Size: 12

Horiz Alignment:

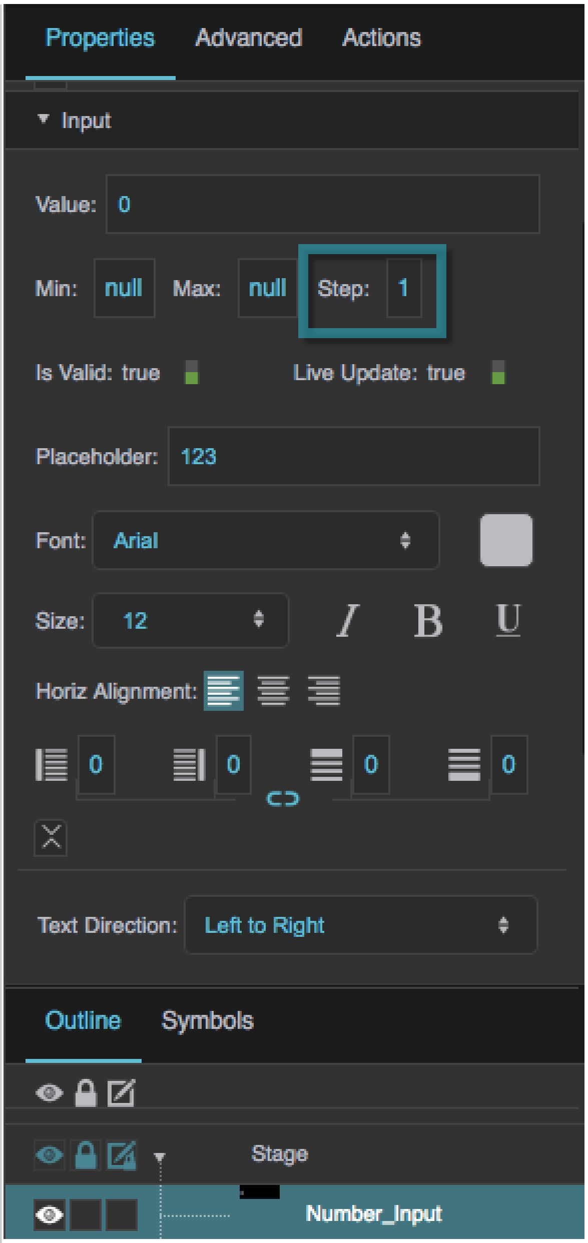
0 0 0 0

Text Direction: Left to Right

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.

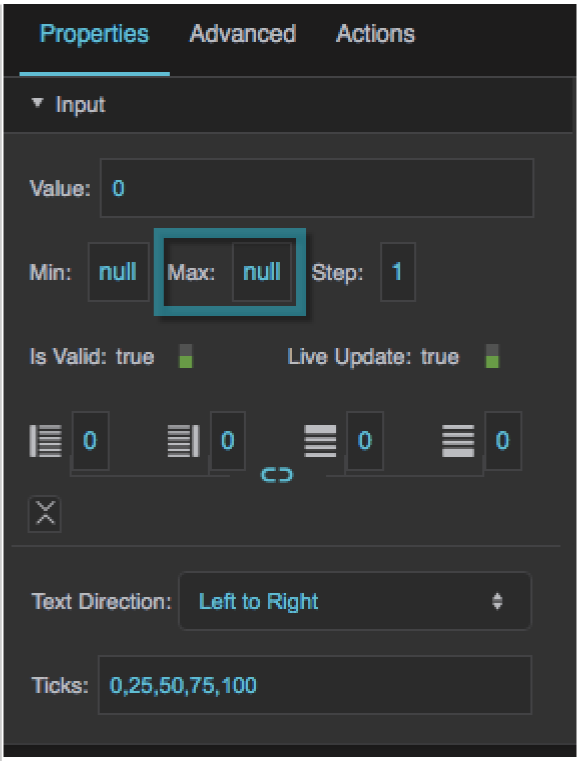


The Step property

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. {{:dglux5_wiki:widgets_and_property_inspector:property_inspector:properties_input_range_min.png?direct|The Min property
The Min property </hidden>

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

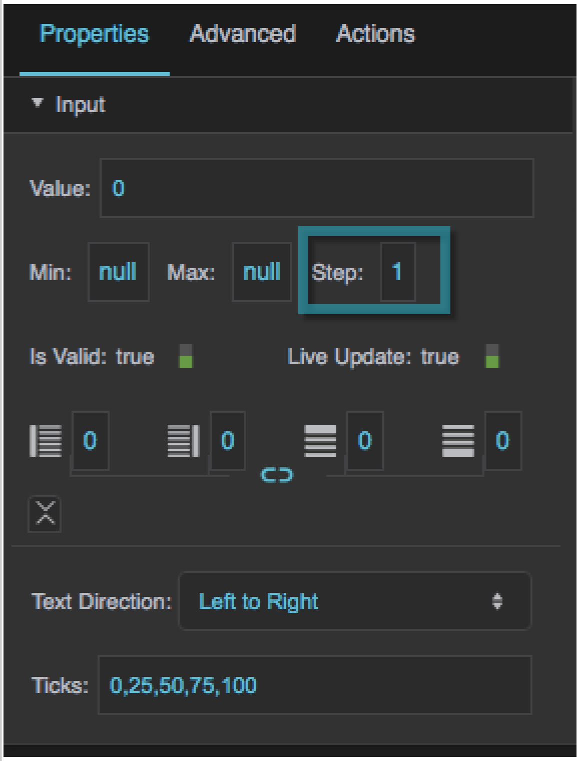
Text Direction: Left to Right

Ticks: 0,25,50,75,100

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.



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

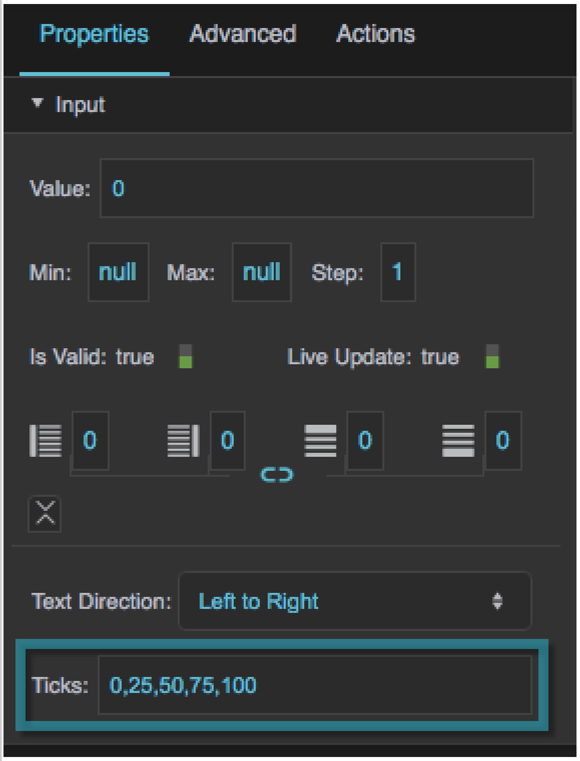
Text Direction: Left to Right

Ticks: 0,25,50,75,100

The Step property

Ticks

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



Value: 0

Min: null Max: null Step: 1

Is Valid: true Live Update: true

0 0 0 0

Text Direction: Left to Right

Ticks: 0,25,50,75,100

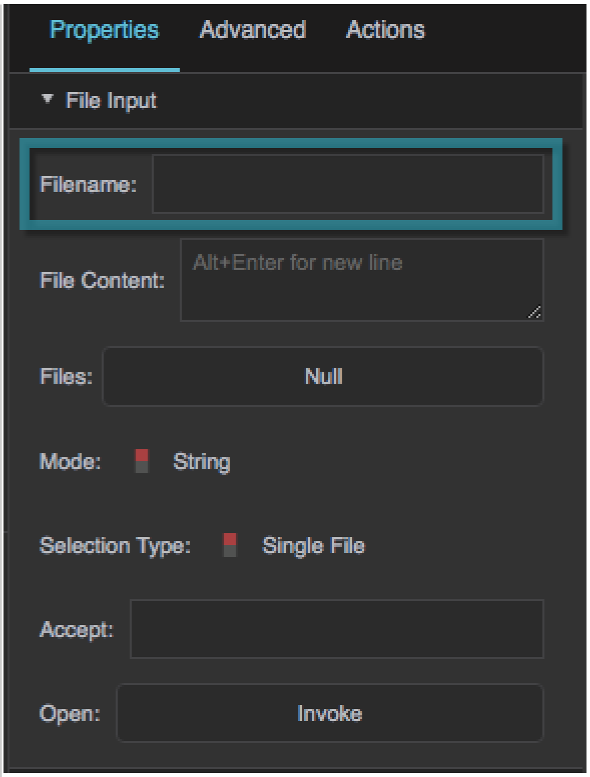
The Ticks property

File Input Properties

These properties affect the file input component.

Filename

Sets or returns the name of the file to open.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

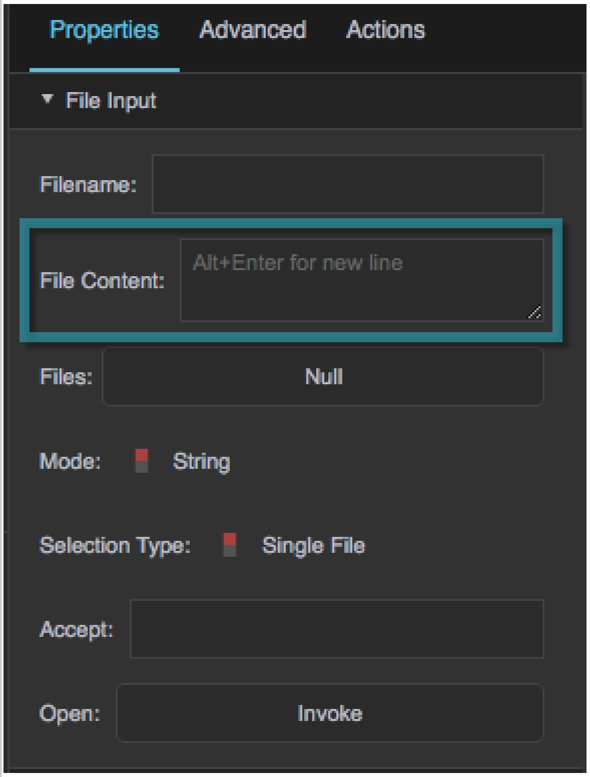
Selection Type: Single File

Accept:

Open: Invoke

The Filename property

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



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

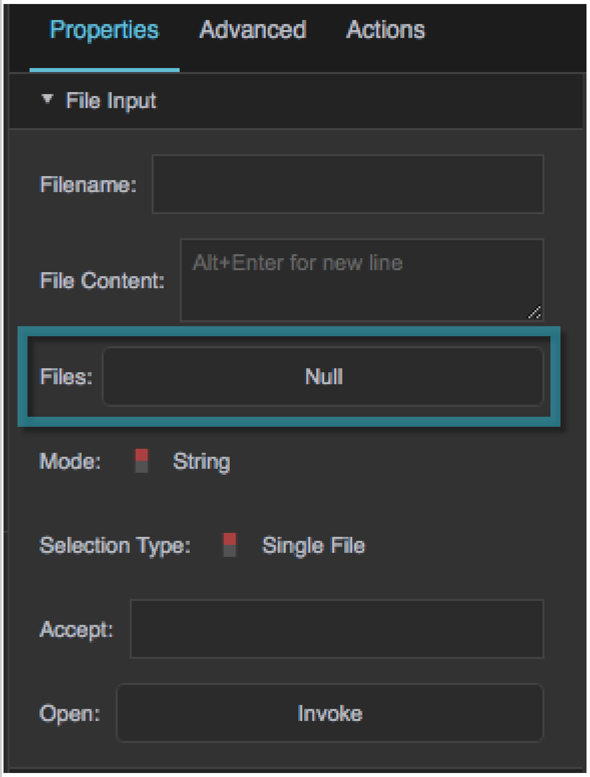
Accept:

Open: Invoke

The File Content property

Files

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



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

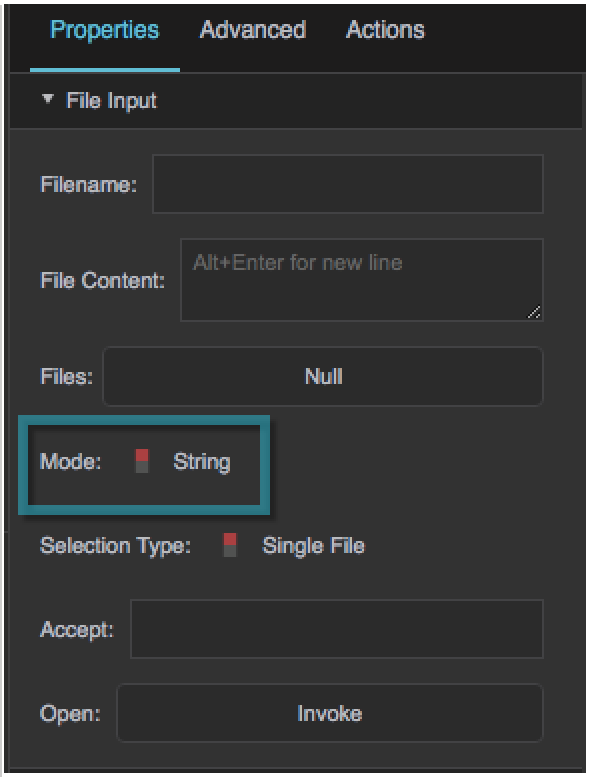
Accept:

Open: Invoke

The Files property

Mode

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



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

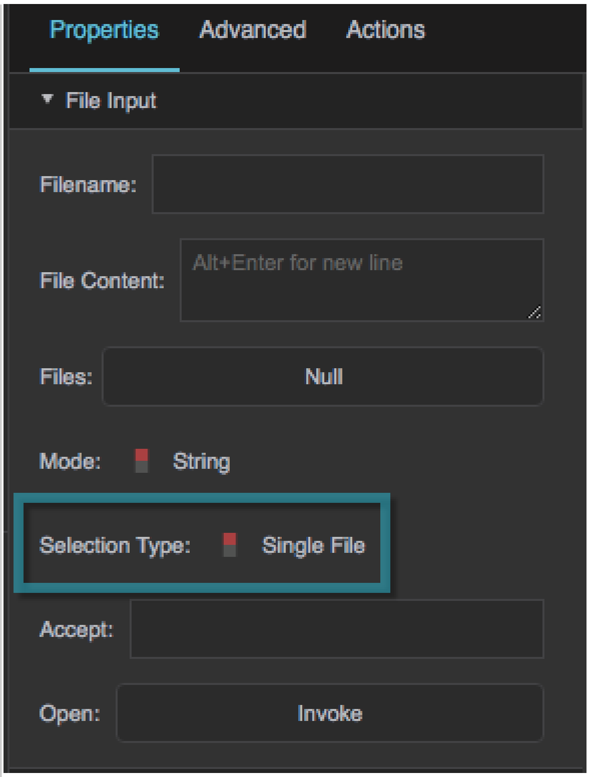
Open: Invoke

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

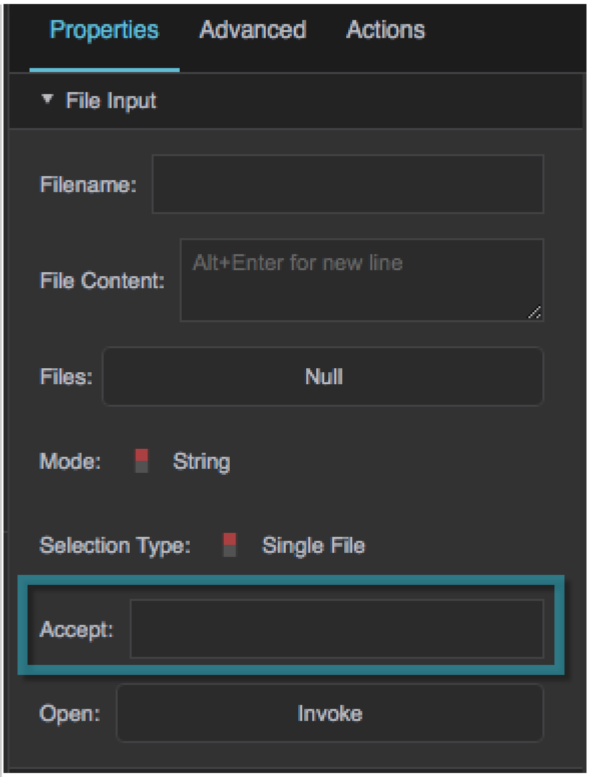
Open: Invoke

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

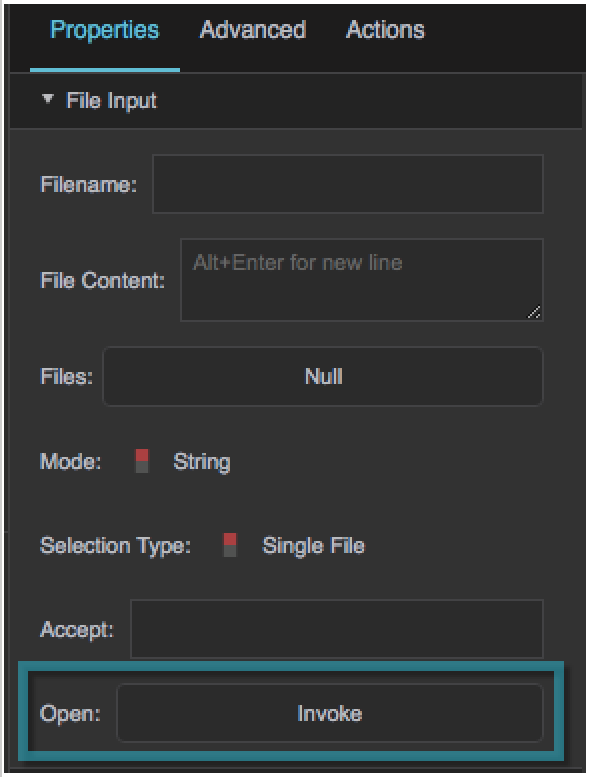
Selection Type: Single File

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

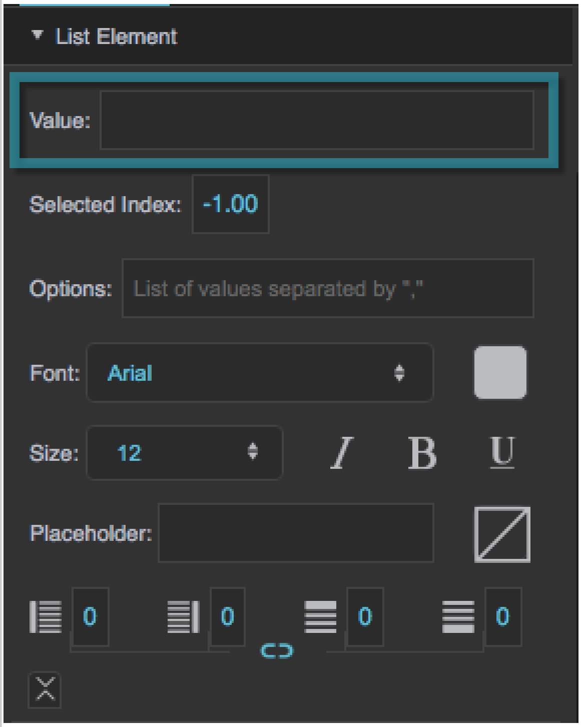
Open: Invoke

The Open property

List Input Properties

These properties affect a list input component.

Value
Sets or returns the currently selected list option.



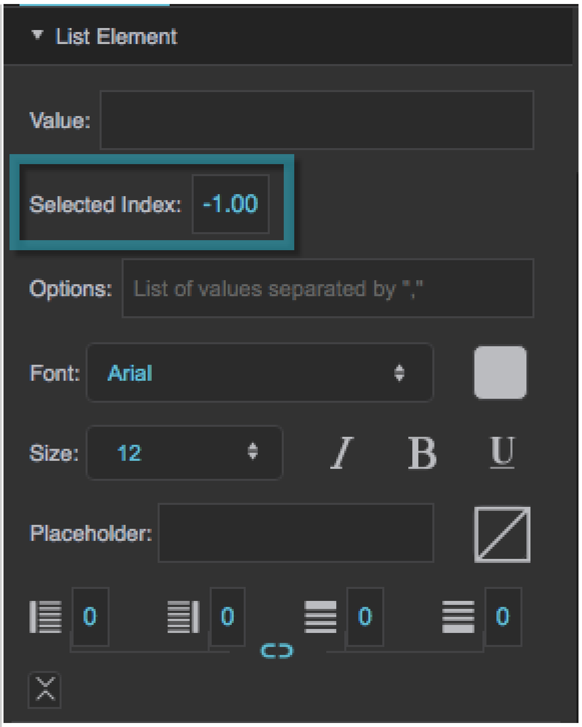
Selected Index: -1.00

Font: Arial

Size: 12

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.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

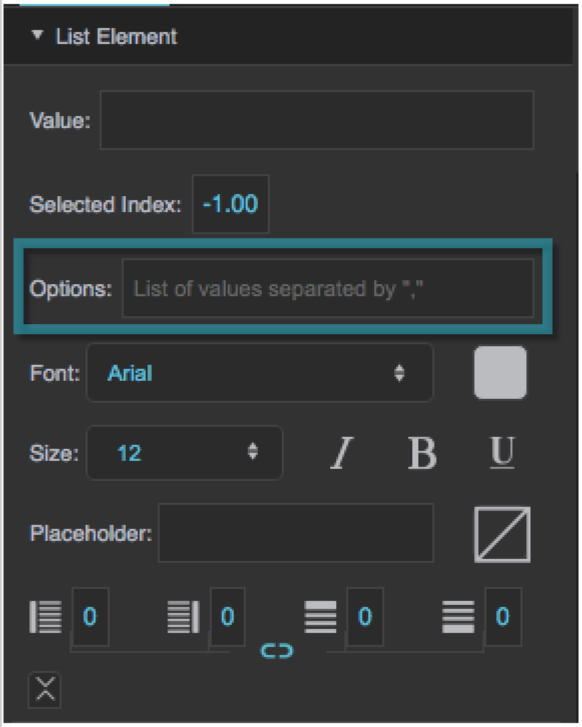
Placeholder:

0 0 0 0

The Selected Index property

Options

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



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

Placeholder:

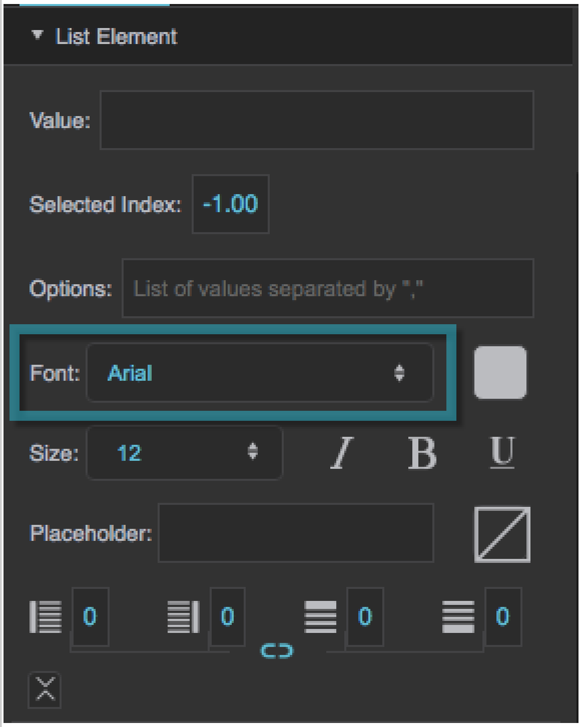
0 0 0 0

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?



Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

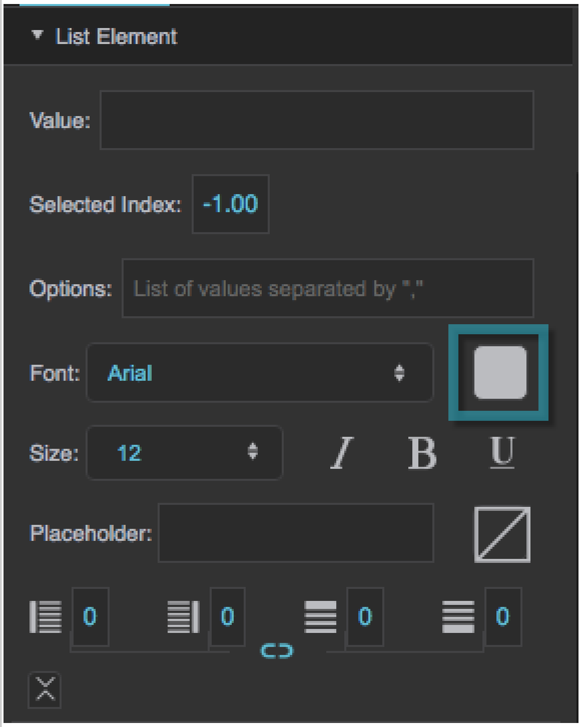
Size: 12

Placeholder:

0 0 0 0

The Selected Element Font property

Selected Element Font Color
Defines the font color for the selected option.



Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

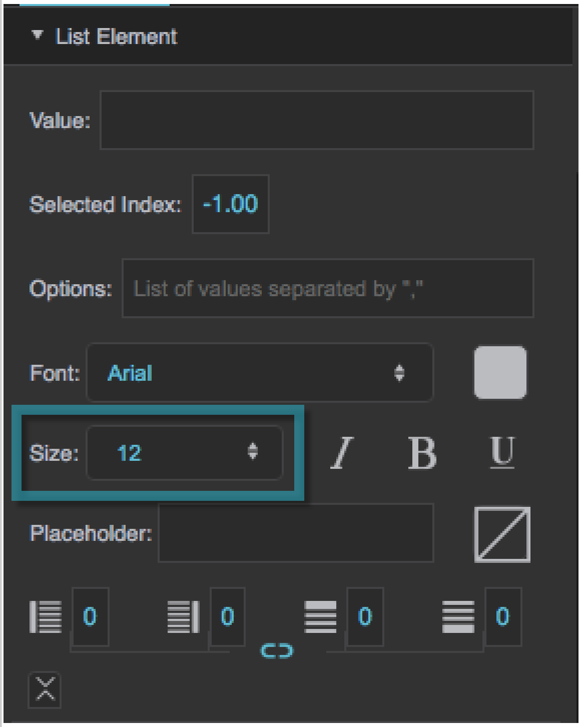
Placeholder:

0 0 0 0

The Selected Element Font Color property

Selected Element Font Size

Defines the font size for the selected option.



▼ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

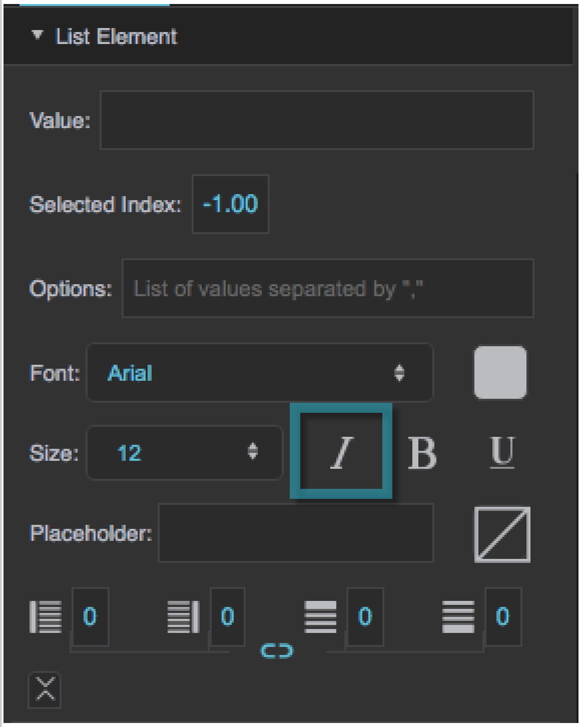
Font: Arial

Size: 12

The Selected Element Font Size property

Selected Element Font Italic

Defines whether the selected option is italic.



▼ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

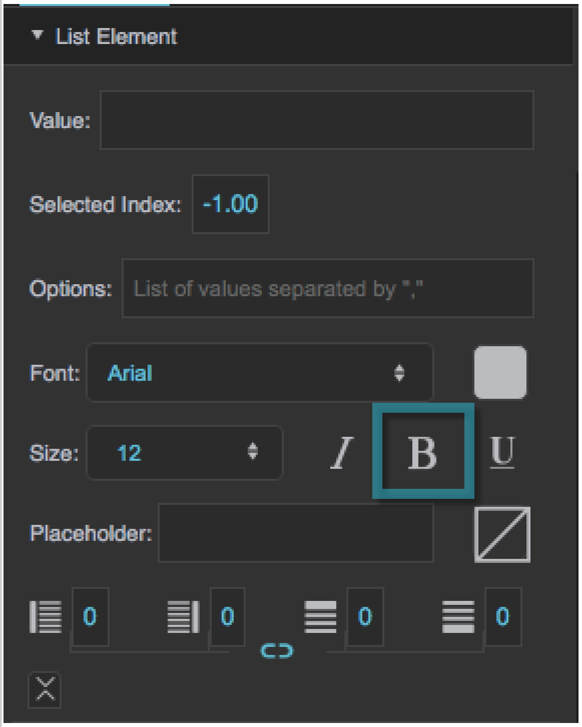
Font: Arial

Size: 12

The Selected Element Font Italic property

Selected Element Font Bold

Defines whether the selected option is bold.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

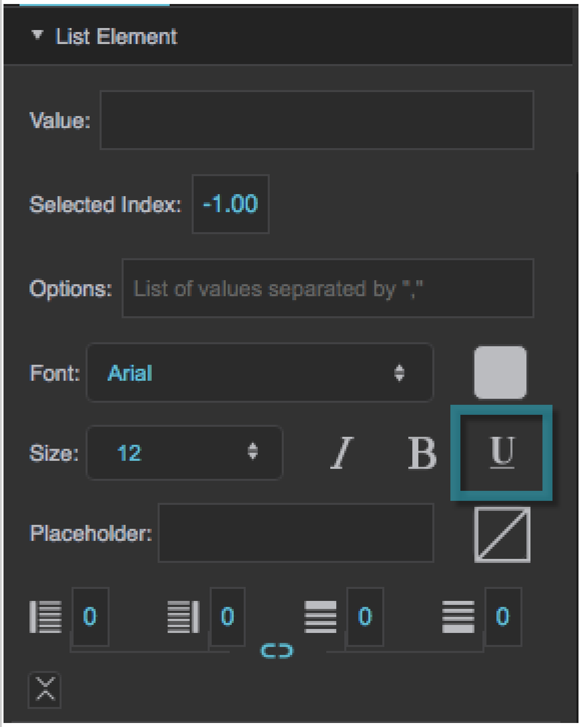
Placeholder:

0 0 0 0

The Selected Element Font Bold property

Selected Element Font Underline

Defines whether the selected option is underlined.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

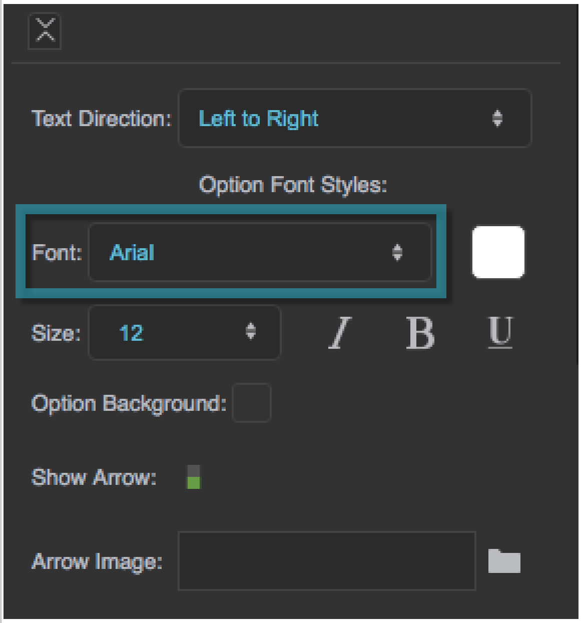
Placeholder:

0 0 0 0

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?



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

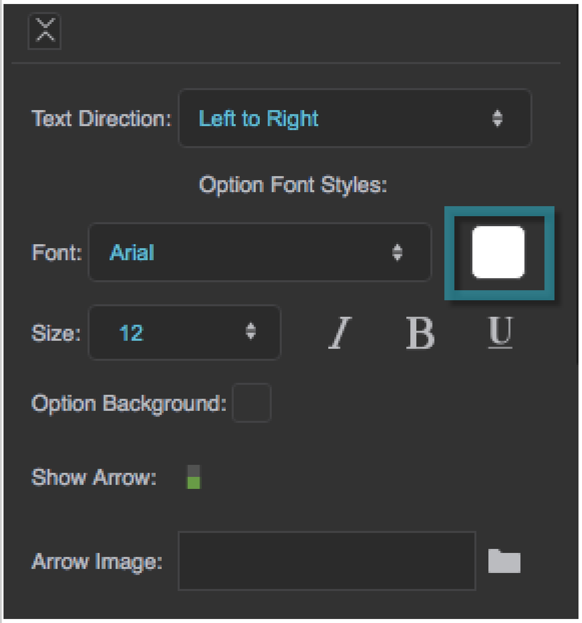
Show Arrow:

Arrow Image:

The Options Font property

Options Font Color

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

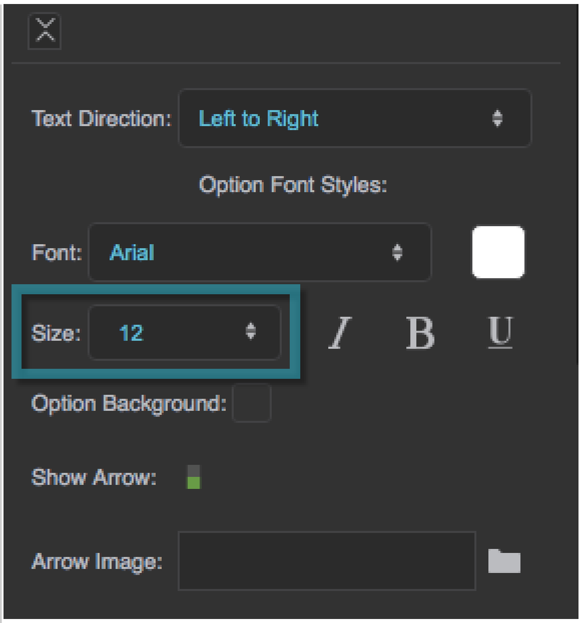
Show Arrow:

Arrow Image:

The Options Font Color property

Options Font Size

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

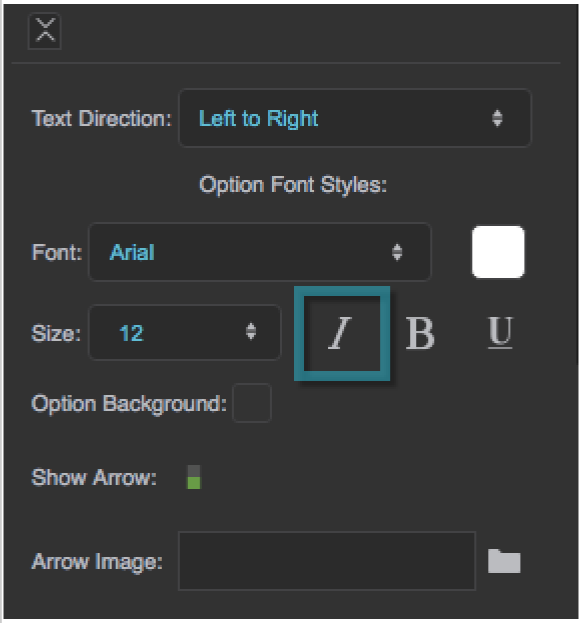
Show Arrow:

Arrow Image:

The Options Font Size property

Options Font Italic

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

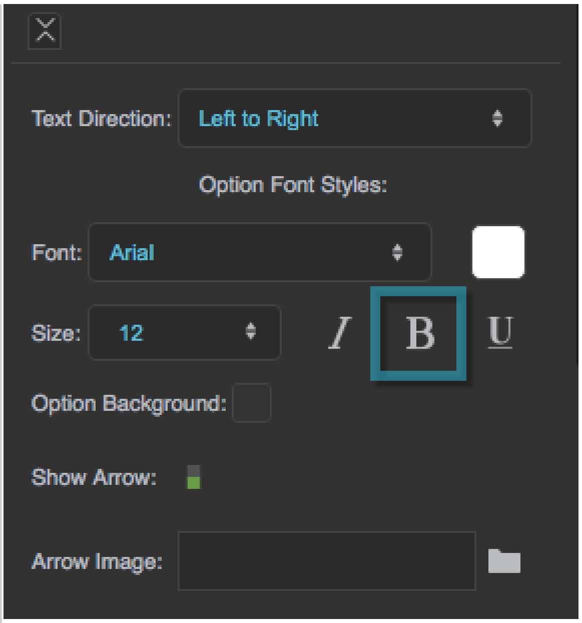
Show Arrow:

Arrow Image:

The Options Font Italic property

Options Font Bold

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

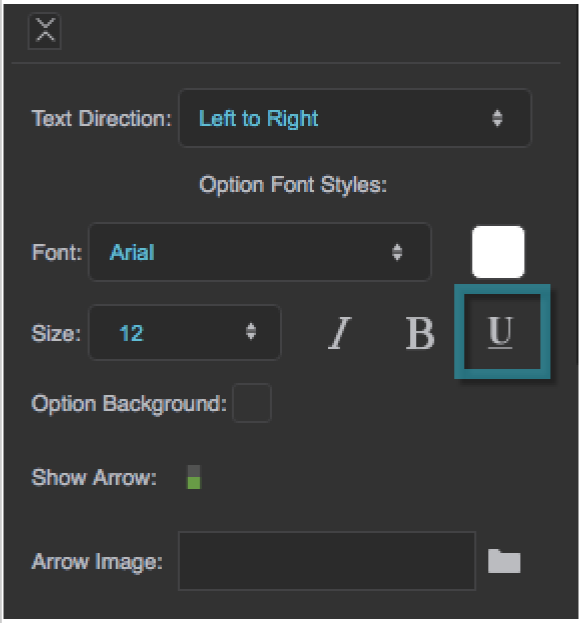
Show Arrow:

Arrow Image:

The Options Font Bold property

Options Font Underline

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

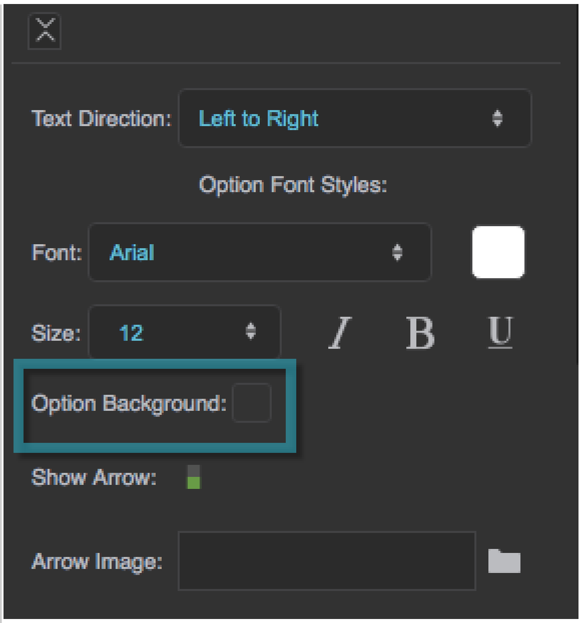
Show Arrow:

Arrow Image:

The Options Font Underline property

Options Background

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

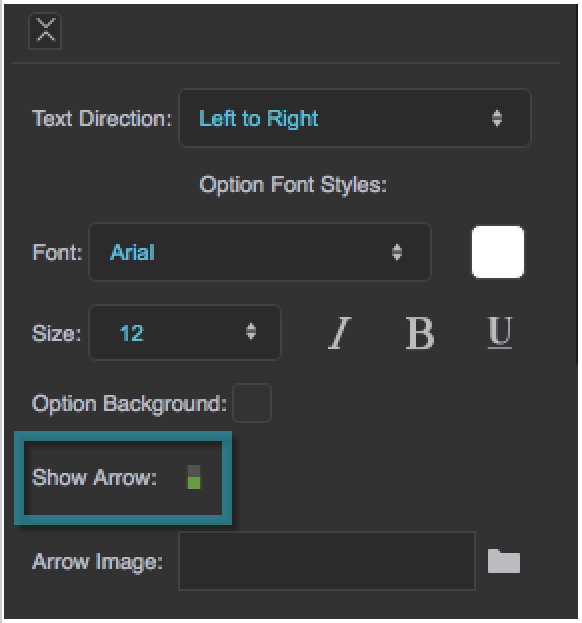
Option Background:

Show Arrow:

Arrow Image:

The Options Background property

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

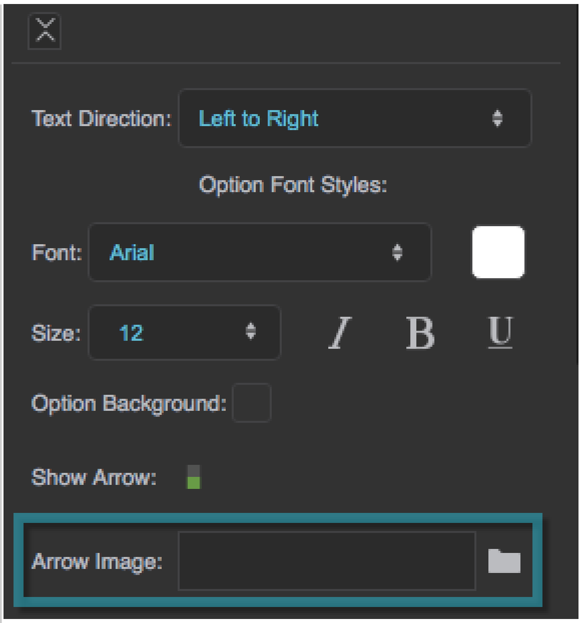
Option Background:

Show Arrow:

Arrow Image:

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.



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

Show Arrow:

Arrow Image:

The Arrow Image property

Previous: Gauge Scale Properties

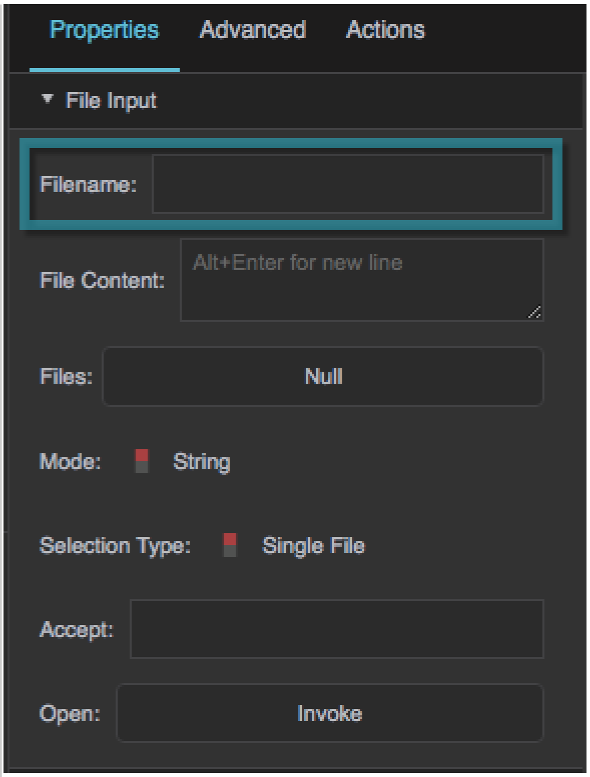
Next: Borders, Padding, and Content Size

2019/07/17 19:17

File Input Properties

These properties affect the file input component.

Filename
Sets or returns the name of the file to open.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

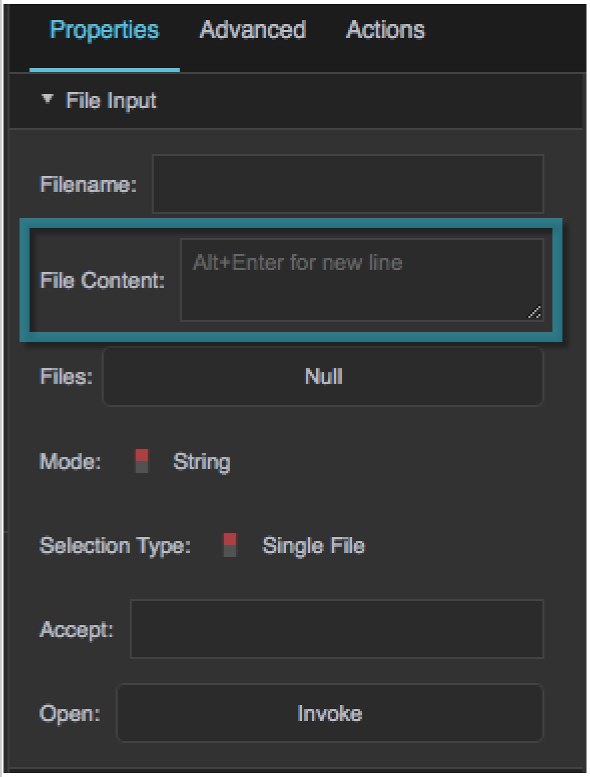
Selection Type: Single File

Accept:

Open: Invoke

The Filename property

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



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

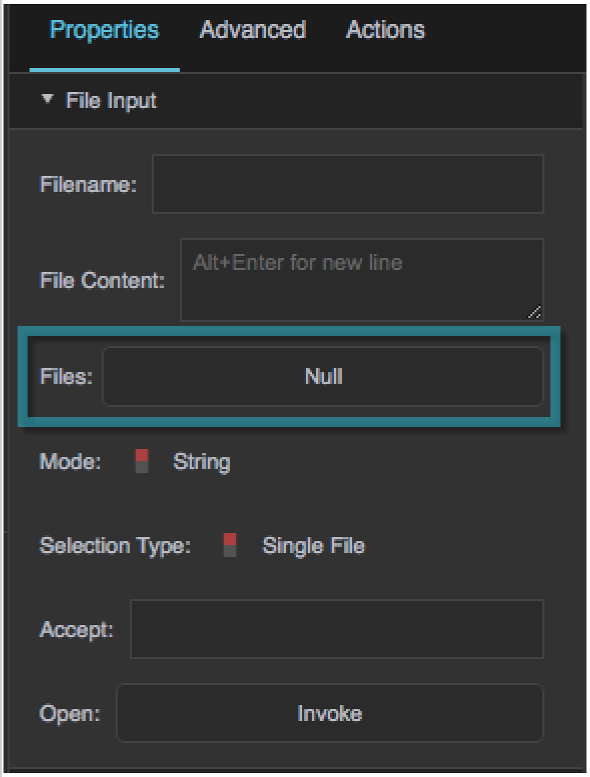
Accept:

Open: Invoke

The File Content property

Files

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



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

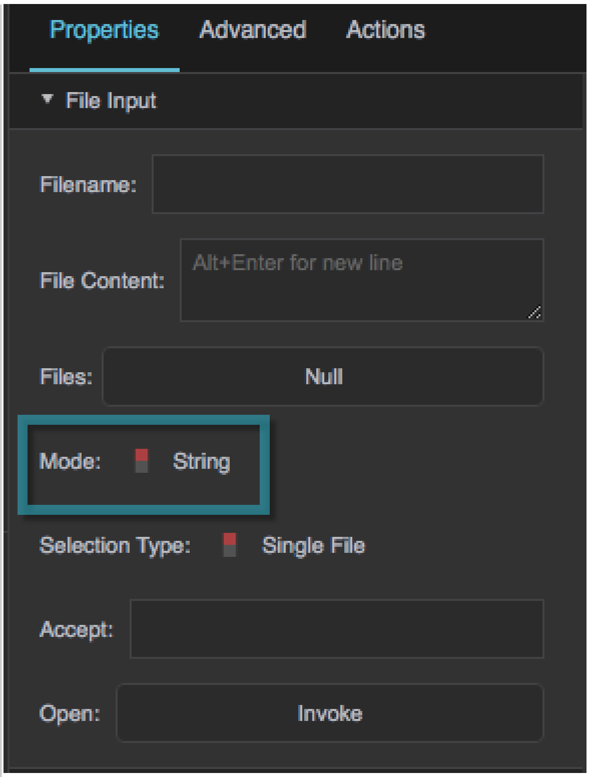
Accept:

Open: Invoke

The Files property

Mode

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



Properties Advanced Actions

▾ File Input

Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

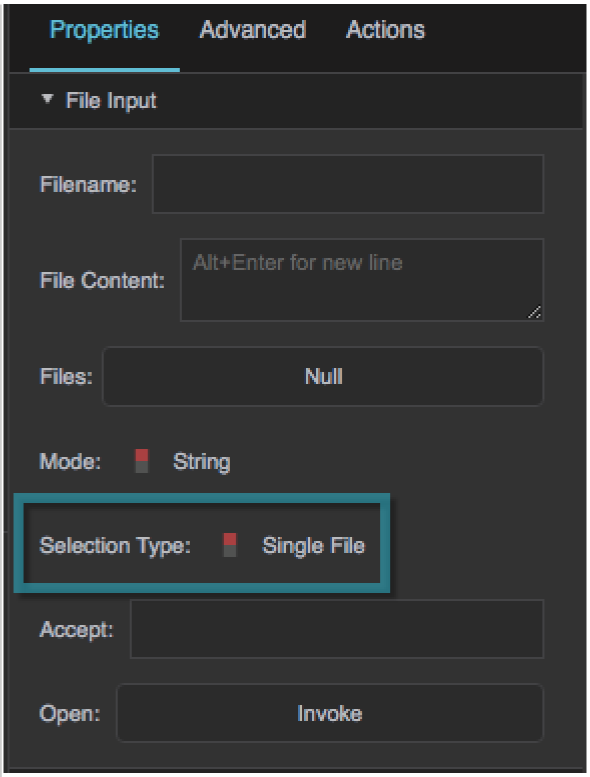
Open: Invoke

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

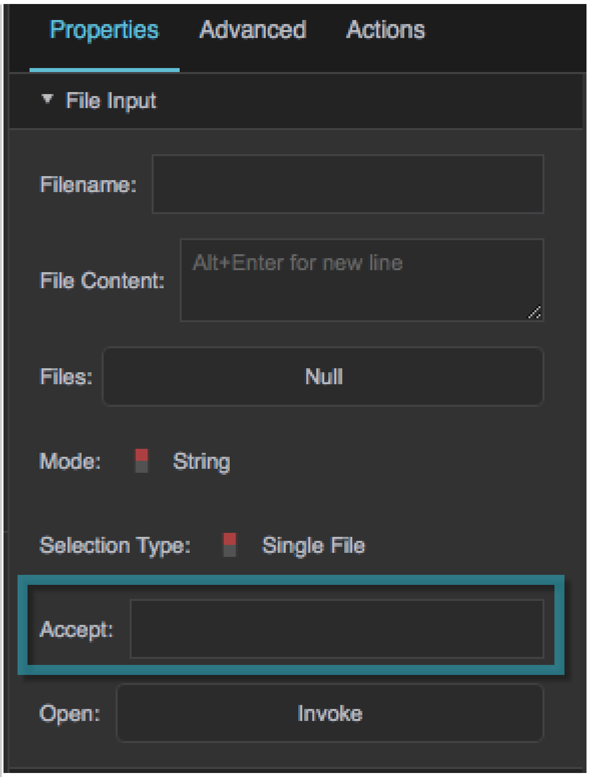
Open: Invoke

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

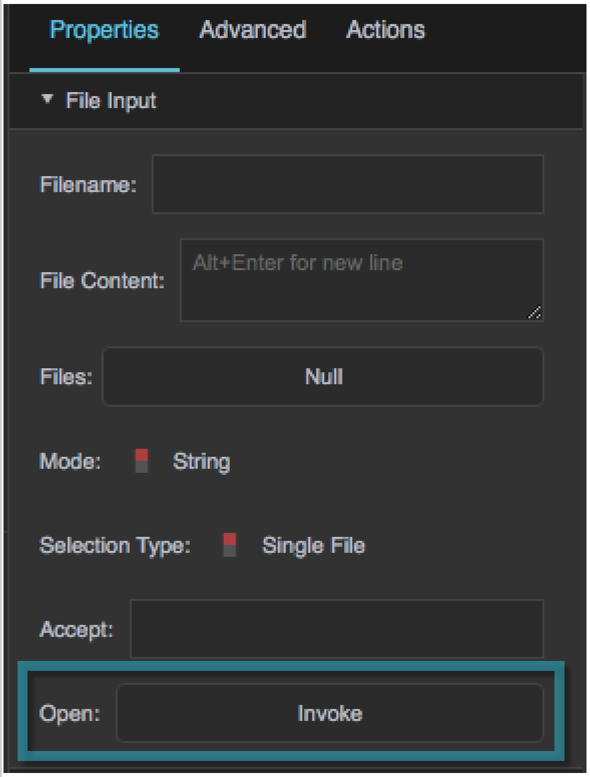
Selection Type: Single File

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.



Filename:

File Content: Alt+Enter for new line

Files: Null

Mode: String

Selection Type: Single File

Accept:

Open: Invoke

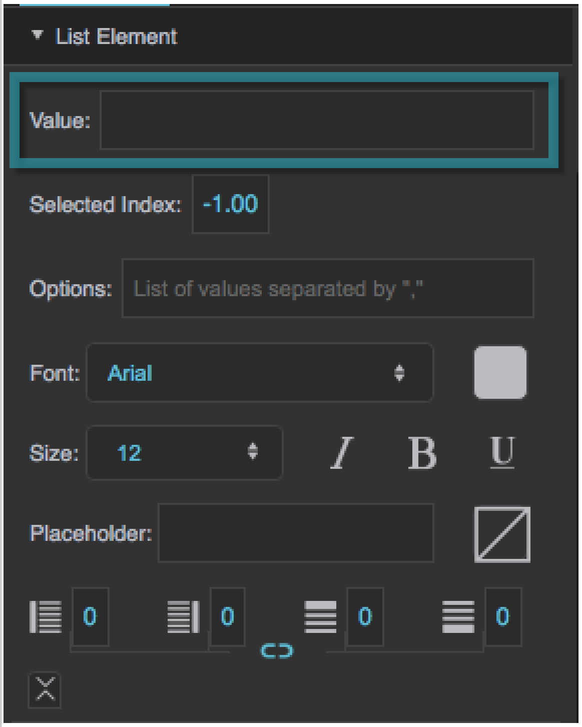
The Open property

2019/07/17 19:17

List Input Properties

These properties affect a list input component.

Value
Sets or returns the currently selected list option.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

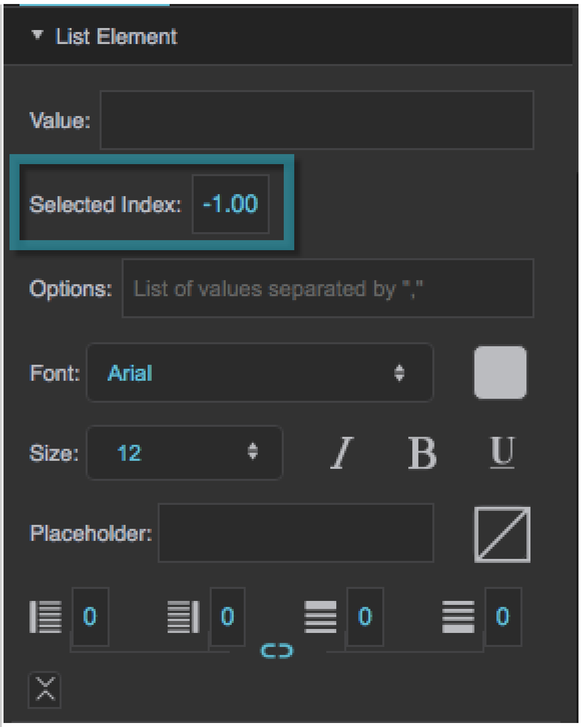
Size: 12

Placeholder:

0 0 0 0

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.


▼ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

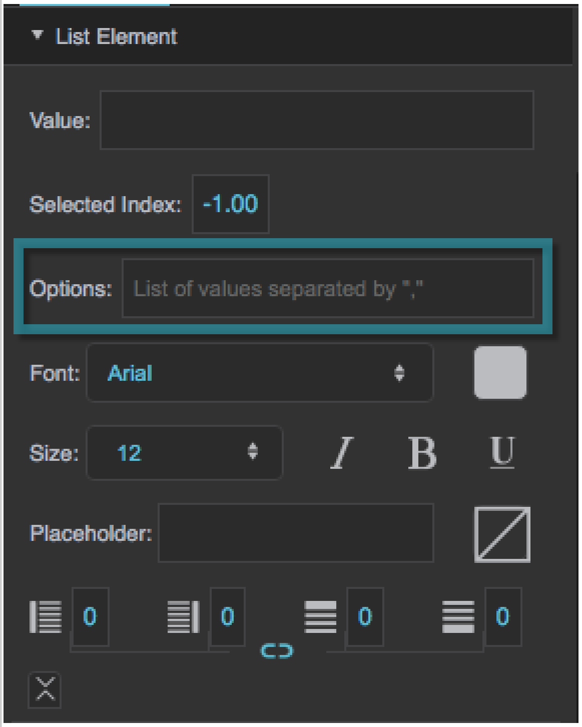
Size: 12

Placeholder:

The Selected Index property

Options

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


▼ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

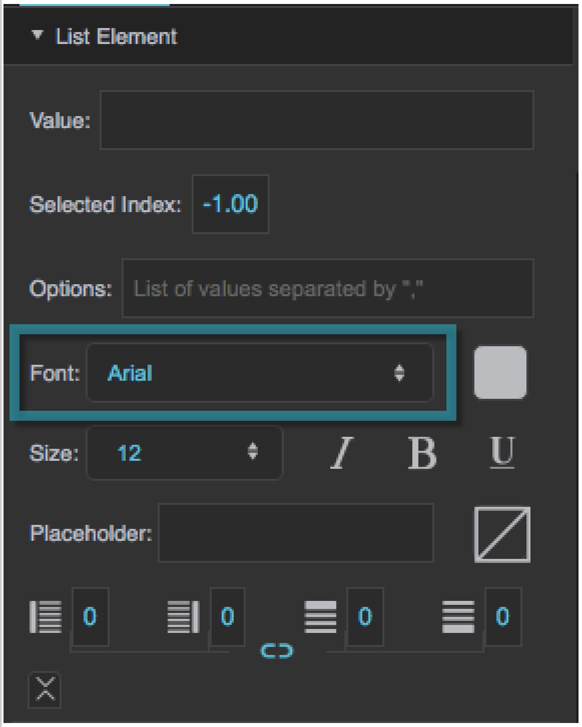
Placeholder:

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?



▾ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

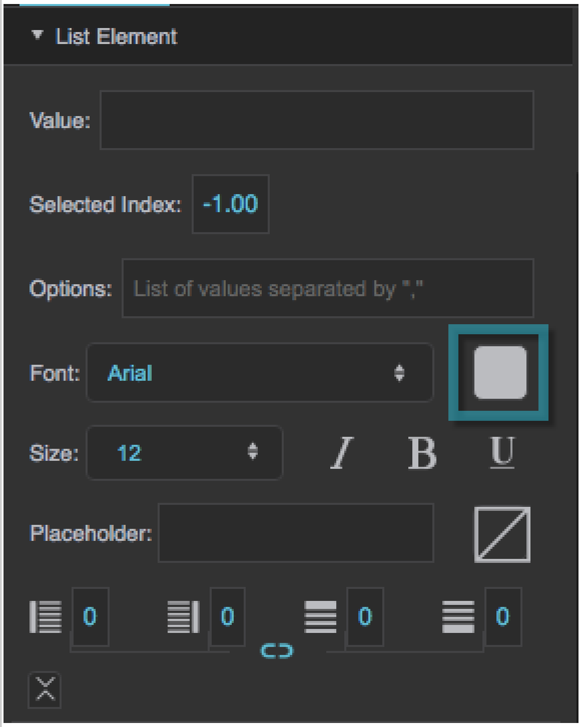
Placeholder:

0 0 0 0

The Selected Element Font property

Selected Element Font Color

Defines the font color for the selected option.



▾ List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

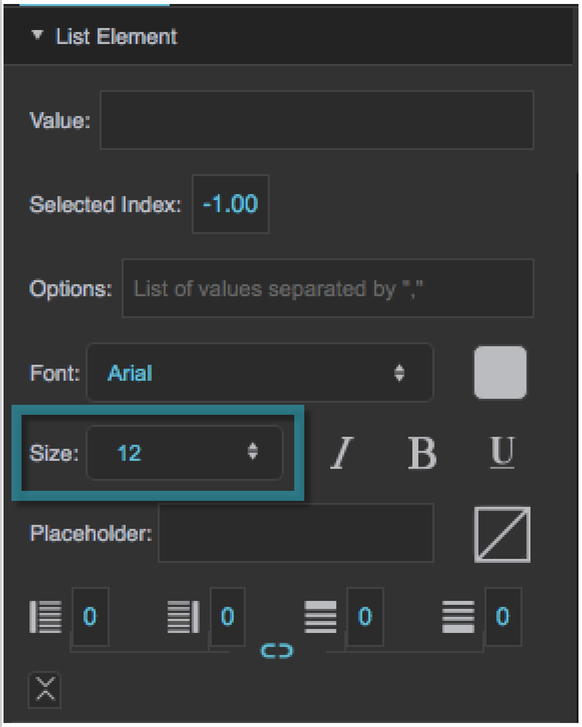
Placeholder:

0 0 0 0

The Selected Element Font Color property

Selected Element Font Size

Defines the font size for the selected option.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

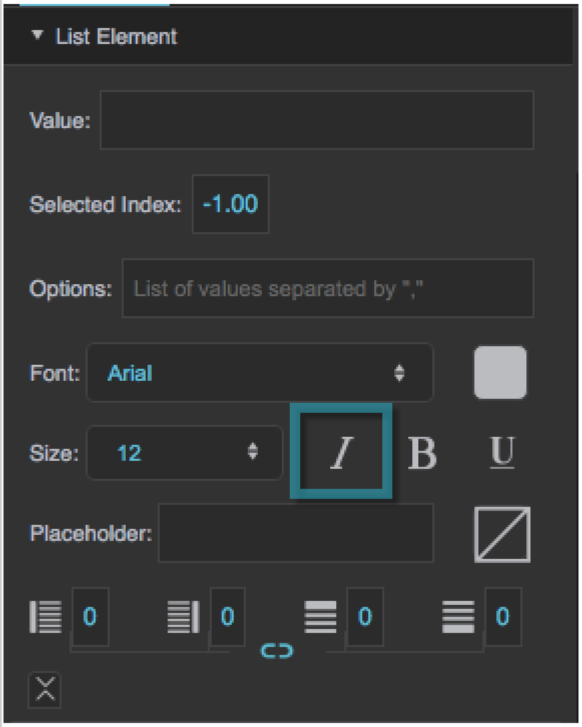
Placeholder:

0 0 0 0

The Selected Element Font Size property

Selected Element Font Italic

Defines whether the selected option is italic.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

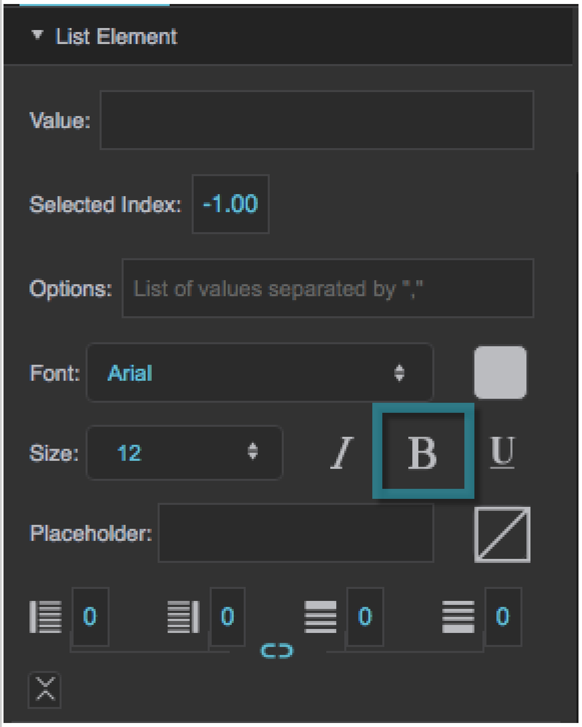
Placeholder:

0 0 0 0

The Selected Element Font Italic property

Selected Element Font Bold

Defines whether the selected option is bold.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

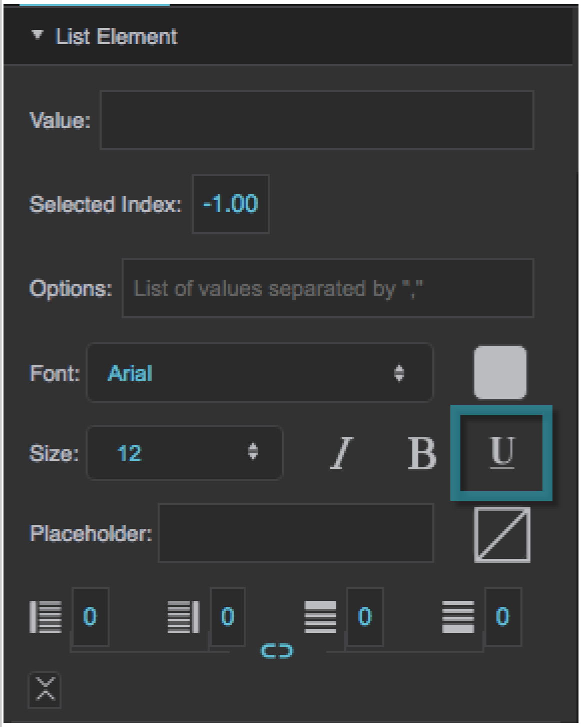
Placeholder:

0 0 0 0

The Selected Element Font Bold property

Selected Element Font Underline

Defines whether the selected option is underlined.



List Element

Value:

Selected Index: -1.00

Options: List of values separated by ","

Font: Arial

Size: 12

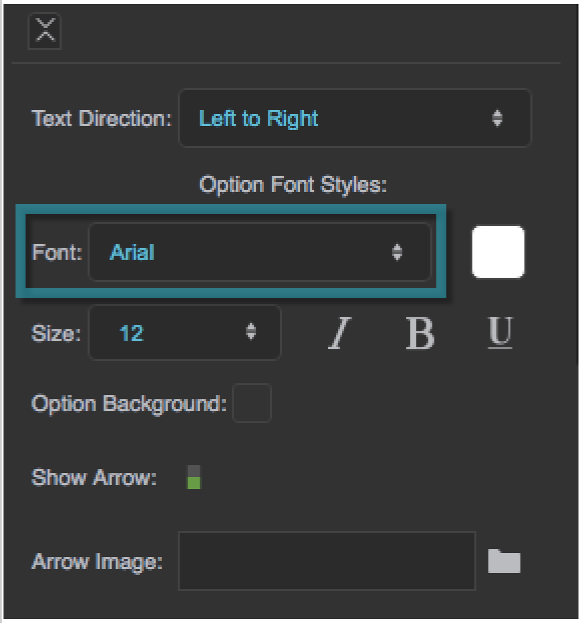
Placeholder:

0 0 0 0

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?



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

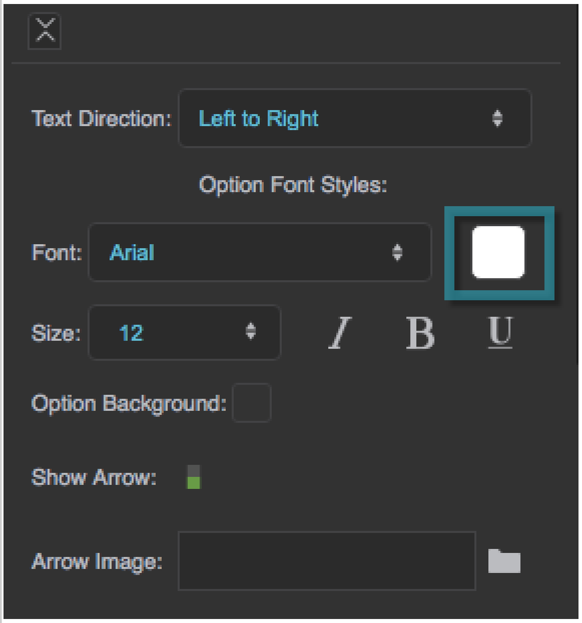
Show Arrow:

Arrow Image:

The Options Font property

Options Font Color

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

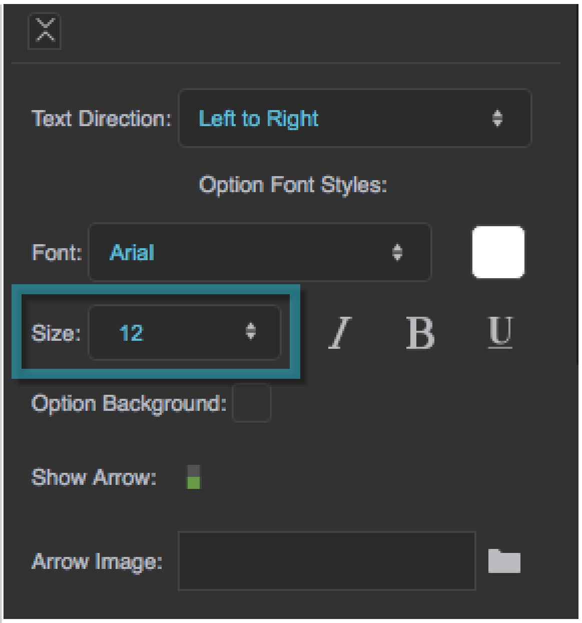
Show Arrow:

Arrow Image:

The Options Font Color property

Options Font Size

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

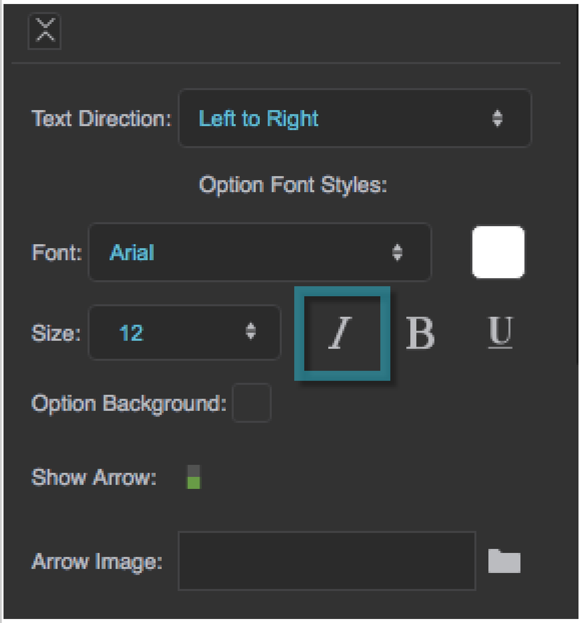
Show Arrow:

Arrow Image:

The Options Font Size property

Options Font Italic

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

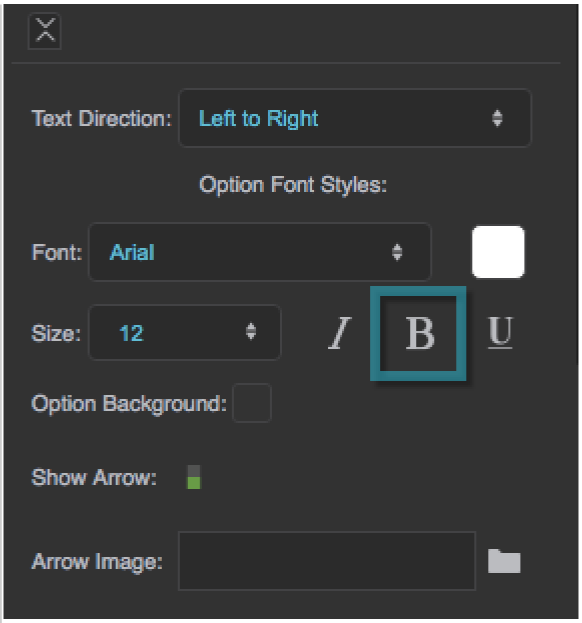
Show Arrow:

Arrow Image:

The Options Font Italic property

Options Font Bold

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



Text Direction: Left to Right

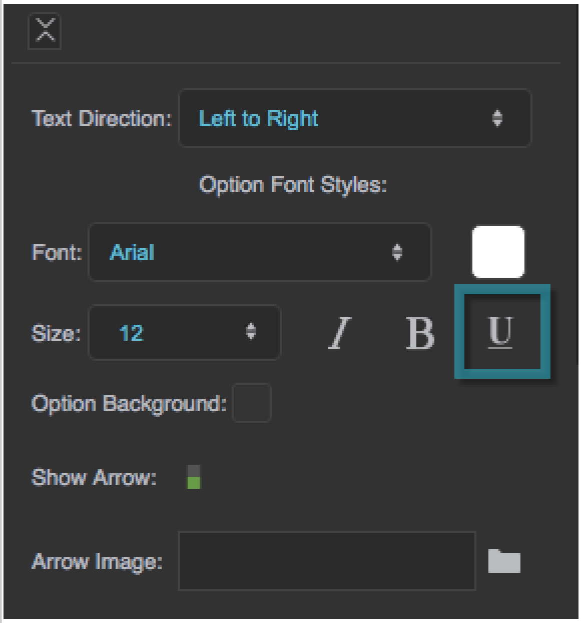
Option Font Styles:

Font: Arial

Size: 12

The Options Font Bold property

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



Text Direction: Left to Right

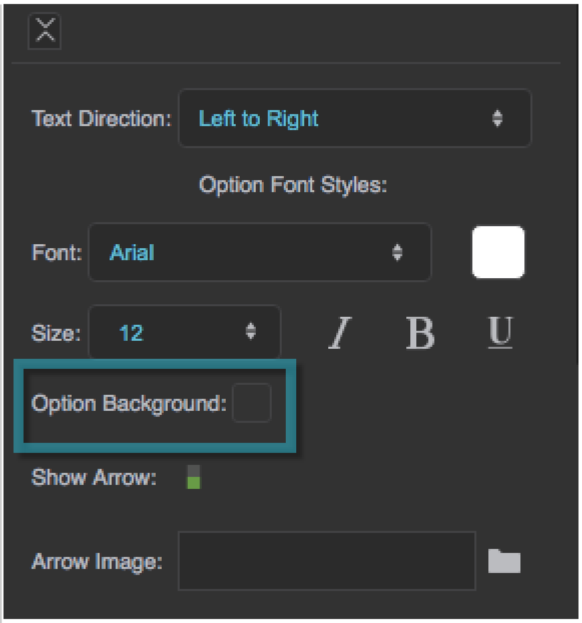
Option Font Styles:

Font: Arial

Size: 12

The Options Font Underline property

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

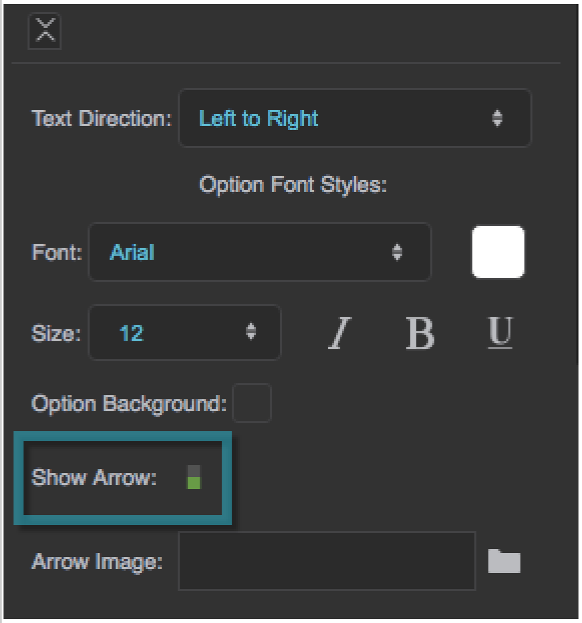
Show Arrow:

Arrow Image:

The Options Background property

Show Arrow

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



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

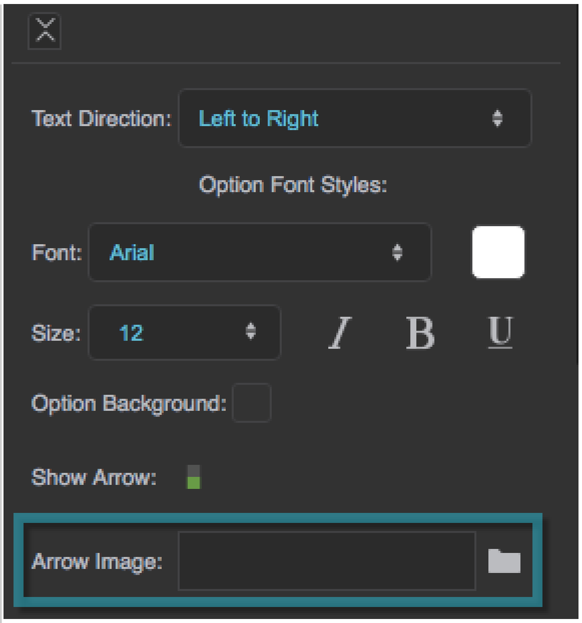
Show Arrow:

Arrow Image:

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.



Text Direction: Left to Right

Option Font Styles:

Font: Arial

Size: 12

Option Background:

Show Arrow:

Arrow Image:

The Arrow Image property

2019/07/17 19:17

More Resources

This thread in the DGLogik Community Forum addresses user input:

- Save user input.

Previous: Form Input

Next: Text Input

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