Material Switch

This component is based on [Material](https://material.angularjs.org/latest/) design.

Link to the original Material design : https://material.angularjs.org/latest/demo/switch

**Component name**: Switch

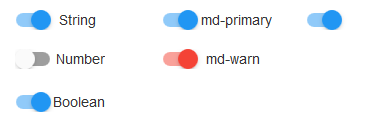
**Description**: This is a ON/OFF switch component, based on Angular Material design.

**Current version**: 1.0.0

**State**: alpha

**Source** : [Material Switch](https://material.angularjs.org/latest/demo/switch)

**Screenshots**:



Styling

The Material switch button can be styled using styleClass property or customize the style of the component from your solution’s style sheet.

The inputs are styles by default with the CSS class “md-primary”.

The component provides it's own CSS selectors for easy restyle of the components. Combine these selector with the class selector of the Material for the grade customization.

| CSS Selector |
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| **.md-bar, md-thumb-container**  Class selector to style the Material switch button |

Summary

| Event Summary | |
| --- | --- |
|  | onAction  The method that is executed when the component is clicked |
|  | onDataChange  Method that is executed when the data in the component is successfully changed. |
|  | onRightClick  The method that is executed when the component is right clicked. |

|  |  |
| --- | --- |
| Property Summary | |
| String | dataprovider  The dataprovider of the component. |
| String | styleClass  The name of the style class that should be applied to this component. |
| Number | dataProviderType  The type of the data provider. |
| String | label  The optional label to display along with the switch. |
| Number | tabSeq  An index that specifies the position of the component in the tab sequence. |
| String | toolTipText  The text displayed when hovering over the component with a mouse cursor. |
| Boolean | enabled  The enable state of the component, default true. |
| Boolean | visible  The visible property of the component, default true. |
| String | location  The x and y position of the component, in pixels, separated by a comma. |
| String | size  The width and height (in pixels), separated by a comma. |

| Event details |
| --- |

onAction

The method that is executed when the component is clicked.

onDataChange

Method that is executed when the data in the component is successfully changed.

Parameters

oldValue - old value

newValue - new value

{JSEvent} event - the event that triggered the action

onRightClick

The method that is executed when the component is right clicked.

|  |
| --- |
| Property details |

dataprovider

The dataprovider used to displayed the button text.

Returns

String

styleClass

There are some material style classes that can be used for a button. Like : "md-primary","md-warn","md-raised","md-fab","md-accent","md-hue-1","md-hue-2","md-hue-3". Apart from that you can use custom style classes, which is defined in the style sheet associated with the solution.

Returns

String

dataProviderType

The type of the data provider. Can select between, BOOLEAN, INTEGER, TEXT.

Default is BOOLEAN.

With type Boolean, true / false is returned.

With type Integer, 1 / 0 is returned

With type Text, '1' / '0' is returned.

Returns

Number

label

The optional label to be displayed along with the Switch.

Returns

String

tabSeq

An index that specifies the position of the component in the tab sequence. The components are put into the tab sequence in increasing order of this property. A value of 0 means to use the default mechanism of building the tab sequence (based on their location on the form). A value of -2 means to remove the component from the tab sequence.

Returns

Number

toolTipText

The text displayed when hovering over the component with a mouse cursor.

Returns

String

enabled

The enable state of the component, default true.

Returns

Boolean - enabled state

visible

The visible property of the component, default true.

Returns

Boolean - visible state

location

The x and y position of the component, in pixels, separated by a comma.

Returns

String

size

The width and height (in pixels), separated by a comma.

Returns

String