Material Tab Panel

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

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

**Component name**: Tab Panel

**Description**: This is like a general tab panel, based on Angular Material design.

**Current version**: 1.0.0

**State**: alpha

**Source** : [Angular Material Tab Panel](https://material.angularjs.org/latest/demo/tabs)

**Screenshots**:



Styling

The Material tab panel 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-tab**  Class selector to style the Material tab panel |

Summary

| Event Summary | |
| --- | --- |
|  | onTabChange  Method that is executed when the tab is changed in the component. |

| Property Summary | |
| --- | --- |
| Number | tabIndex  The selected tab's index |
| Array<Object> | tabs  The Array of objects containing data about all the tabs |
| String | styleClass  The name of the style class that should be applied to this component. |
| Number | tabSeq  An index that specifies the position of the component in the tab sequence. |
| Boolean | readOnly  The readonly state of the component, default false. |
| 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. |

| API Summary | |
| --- | --- |
| boolean | addTab  The selected tab's index |
| int | getMaxTabIndex  The Array of objects containing data about all the tabs |
| string | getSelectedTabFormName  The name of the style class that should be applied to this component. |
| string | getTabFormNameAt  An index that specifies the position of the component in the tab sequence. |
| string | getTabNameAt  Get the tab name at the specified index. |
| string | getTabRelationNameAt  Get the relation name at the specified index. |
| string | getTabTextAt  Get the tab text at specified index. |
| boolean | isTabEnabledAt  Get the enabled status of the tab at the specified index. |
| boolean | removeAllTabs  Remove all the tabs in the tab panel. |
| boolean | removeTabAt  Remove a tab at the specified index |
|  | setTabEnabledAt  Set a tab as enabled/disabled at the specified index. |
|  | setTabTextAt  Set the tab text at the specified index. |

| Event details |
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onTabChange

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

Parameters

{Number} previousIndex - old tab index

{JSEvent} event - the event that triggered the action

{Number} newIndex - new tab index

{object} newTabItem – New tab item object

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| Property details |

tabIndex

The selected tab's index.

Returns

Number

tabs

The Array of objects containing data about all the tabs

Returns

Array<Object>

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

readOnly

The read-only state of the component, default false.

Returns

Boolean – read only state

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

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| API details |

addTab

API method used to add a tab to the tab panel at runtime.

Parameters

{JSForm} form/formname – The form to load in the tab panel

{String} name - the name of the tab

{String} tabText – Tab text to display

{String} tooltip – Tooltiptext for the tab

{relation} relatedfoundset/relationname – relation to be used to show the form(optional)

{Number} index – The index to which the new tab will be pushed

Returns

Boolean

getMaxTabIndex

API method used to get the number of tabs present in the tab panel.

Returns

Boolean

getSelectedTabFormName

API method to get the form name of the selected tab.

Returns

String

getTabFormNameAt

API method to get the tab form name at a specified tab index.

Parameters

{Number} index – The tab index for which the form name will be fetched.

Returns

String

getTabNameAt

API method to get the tab name at a specified tab index.

Parameters

{Number} index – The tab index for which the tab name will be fetched.

Returns

String

getTabRelationNameAt

API method to get the tab relation name at a specified tab index.

Parameters

{Number} index – The tab index for which the tab relation name will be fetched.

Returns

String

getTabTextAt

API method to get the tab text at a specified tab index.

Parameters

{Number} index – The tab index for which the text will be get.

Returns

String

isTabEnabledAt

API method to know if the tab is enabled at a specified tab index.

Parameters

{Number} index – The tab index for which the tab enabled will be checked

Returns

Boolean

removeAllTabs

API method to remove all tabs of the tab panel.

Returns

Boolean

removeTabAt

API method to remove a tab at a specified tab index.

Parameters

{Number} index – The tab index for which the tab will be removed

Returns

Boolean

setTabEnabledAt

API method to enable or disable the tab , at a specified tab index.

Parameters

{Number} index – The tab index for which the tab will be enabled/disabled

{Boolean} enabled – pass true to enable else false to disable the tab

setTabTextAt

API method to set the tab text of a tab, at a specified tab index.

Parameters

{Number} index – The tab index for which the tab will be enabled/disabled

{Boolean} text – New tab text