

# Toolbar Tab GUI Class

[Github Link](#)

```
namespace lc::ui::api
```

## Toolbar Tab Constructor

### Description

Constructs a toolbar tab gui object. Tab after being constructed needs to be added to the toolbar for it to be visible in the application.

- Toolbar Tab Name - *string*

### Examples

- ```
local tab1 = gui.ToolbarTab("Tab1")
```

## Add Group

### Description

Add Toolbar Group to the tab of the given **name** and **width** or by pointer to existing toolbar group. Width is optional and is by default 3 cols long.

- Toolbar Group Label - *string* , Width - *int* (Number of Columns)
  - returns *ToolbarGroup*
- Pointer to Toolbar Group - *ToolbarGroup*

### Examples

- ```
local group1 = tab1:addGroup("Group1")
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- `local group2 = tab1:addGroup("Group2", 4)`
- `local group1 = gui.ToolbarGroup("Group3")  
tab1:addGroup(group1)`

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## Find Group

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### Description

Find toolbar group in tab by group label.

- Toolbar Group Label - *string*
  - returns *ToolbarGroup*

### Examples

- `local group1 = tab1:groupByName("Group1")`

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## Label

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### Description

Get and set label for the toolbar tab.

### Examples

- `message(tab1:label())`
- `tab1:setLabel("New Tab")`

# Enable and Disable

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## Description

Enable or disable the toolbar tab.

## Examples

- `tab1:enable()`
  - `tab1:disable()`
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# Remove

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## Description

Remove the current toolbar tab from the toolbar.

## Examples

- `tab1:remove()`
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# Add Button

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## Description

Add Toolbar Button to the tab by passing in Toolbar Button object and name of group to add button to.

- Pointer to Toolbar Button - *ToolbarButton* , Toolbar Group Name - *string*

## Examples

- `tab1:addButton(button1, "Modify")`

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## Get Group

### Description

Get Toolbar Group by name from the tab.

- Toolbar Group Label - *string*
  - returns *ToolbarGroup*

### Examples

- `local group1 = tab1:groupByName("Group1")`

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## List of all groups

### Description

Return list containing all groups in the tab.

### Examples

- `local groupsList = tab1:groups()`

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## Find Button

## Description

Find toolbar button in the group of the given name in the tab.

- Toolbar Group object - *ToolbarGroup* , Toolbar Button Label - *string*
  - returns *ToolbarButton*

## Examples

- `local button1 = tab1:buttonByName("Button1", group1)`

## Remove Group

### Description

Remove group of the given name or by passing in a toolbar group object.

- Toolbar Group object - *ToolbarGroup*
- Label of Toolbar Group - *string*

### Examples

- `tab1:removeGroup("Group1")`

- `tab1:removeGroup(group1)`

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