

FLEX - TABNAVIGATOR CONTROL

http://www.tutorialspoint.com/flex/flex_tabnavigator_control.htm

Copyright © tutorialspoint.com

Introduction

The TabNavigator control is a navigator container which has a collection of child containers, but only one of them at a time is visible.

Class declaration

Following is the declaration for **mx.containers.TabNavigator** class:

```
public class TabNavigator
    extends ViewStack
    implements IFocusManagerComponent
```

Protected properties

S.N.	Property & Description
1	tabBar : mx.controls.TabBar A reference to the TabBar inside this TabNavigator.
2	tabBarStyleFilters : Object [read-only] The set of styles to pass from the TabNavigator to the tabBar.

Public methods

S.N.	Method & Description
1	TabNavigator Constructor.
2	getTabAtIndex: int:Button Returns the tab of the navigator's TabBar control at the specified index.

Protected methods

S.N.	Method & Description
1	measure:void [override] Calculates the default sizes and minimum and maximum values of this TabNavigator container.

updateDisplayList*unscaledWidth: Number, unscaledHeight: Number: void*

[override] Responds to size changes by setting the positions and sizes of this container's tabs and children.

Methods inherited

This class inherits methods from the following classes:

- mx.containers.ViewStack
- mx.core.Container
- mx.core.UIComponent
- mx.core.FlexSprite
- flash.display.Sprite
- flash.display.DisplayObjectContainer
- flash.display.InteractiveObject
- flash.display.DisplayObject
- flash.events.EventDispatcher
- Object

Flex TabNavigator Control Example

Let us follow the following steps to check usage of TabNavigator control in a Flex application by creating a test application:

Step	Description
1	Create a project with a name <i>HelloWorld</i> under a package <i>com.tutorialspoint.client</i> as explained in the <i>Flex - Create Application</i> chapter.
2	Modify <i>HelloWorld.mxml</i> as explained below. Keep rest of the files unchanged.
3	Compile and run the application to make sure business logic is working as per the requirements.

Following is the content of the modified mxml file **src/com.tutorialspoint/HelloWorld.mxml**.

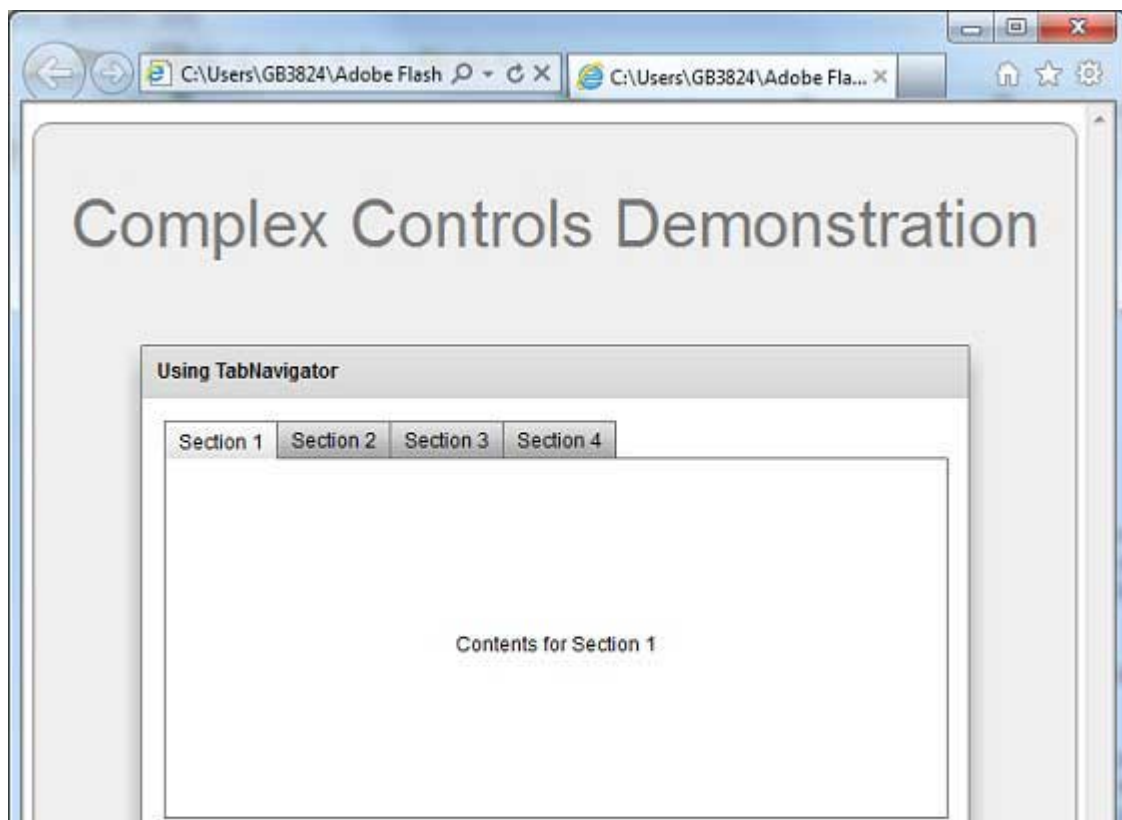
```
<?xml version="1.0" encoding="utf-8"?>
<s:Application xmlns:fx="http://ns.adobe.com/mxml/2009"
    xmlns:s="library://ns.adobe.com/flex/spark"
    xmlns:mx="library://ns.adobe.com/flex/mx"
    width="100%" height="100%" minWidth="500" minHeight="500"
    >
    <fx:Style source="/com/tutorialspoint/client/Style.css"/>
    <s:BorderContainer width="630" height="480"
        styleName="container">
        <s:VGroup width="100%" height="100%" gap="50"
            horizontalAlign="center" verticalAlign="middle">
            <s:Label
                fontSize="40" color="0x777777" styleName="heading"/>
            <s:Panel
                width="500" height="300" >
                <s:layout>
```

```

        <s:HorizontalLayout gap="10" verticalAlign="middle"
            horizontalAlign="center"/>
    </s:layout>
    <mx:TabNavigator >
        <s:NavigatorContent label="Section 1" width="100%"
            height="100%">
            <s:VGroup verticalAlign="middle" horizontalAlign="center"
                width="100%" height="100%">
                <s:Label text="Contents for Section 1"/>
            </s:VGroup>
        </s:NavigatorContent>
        <s:NavigatorContent label="Section 2" width="100%"
            height="100%">
            <s:VGroup verticalAlign="middle" horizontalAlign="center"
                width="100%" height="100%">
                <s:Label text="Contents for Section 2"/>
            </s:VGroup>
        </s:NavigatorContent>
        <s:NavigatorContent label="Section 3" width="100%"
            height="100%">
            <s:VGroup verticalAlign="middle" horizontalAlign="center"
                width="100%" height="100%">
                <s:Label text="Contents for Section 3"/>
            </s:VGroup>
        </s:NavigatorContent>
        <s:NavigatorContent label="Section 4" width="100%"
            height="100%">
            <s:VGroup verticalAlign="middle" horizontalAlign="center"
                width="100%" height="100%">
                <s:Label text="Contents for Section 4"/>
            </s:VGroup>
        </s:NavigatorContent>
    </mx:TabNavigator>
</s:Panel>
</s:VGroup>
</s:BorderContainer>
</s:Application>

```

Once you are ready with all the changes done, let us compile and run the application in normal mode as we did in [Flex - Create Application](#) chapter. If everything is fine with your application, this will produce following result: [[Try it online](#)]





Loading [MathJax]/jax/output/HTML-CSS/jax.js