

FLEX - ACCORDIAN CONTROL

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

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Introduction

The Accordion 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.Accordion** class:

```
public class Accordion
    extends Container
    implements IHistoryManagerClient, IFocusManagerComponent
```

Public properties

S.N.	Property & Description
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- | | |
|---|--|
| 1 | headerRenderer : IFactory
A factory used to create the navigation buttons for each child. |
| 2 | historyManagementEnabled : Boolean
If set to true, this property enables history management within this Accordion container. |
| 3 | resizeToContent : Boolean
If set to true, this Accordion automatically resizes to the size of its current child. |
| 4 | selectedChild : INavigatorContent
A reference to the currently visible child container. |
| 5 | selectedIndex : int
The zero-based index of the currently visible child container. |

Protected properties

S.N.	Property & Description
------	------------------------

- | | |
|---|--|
| 1 | contentHeight : Number
[read-only] The height of the area, in pixels, in which content is displayed. |
| 2 | |

contentWidth : Number

[read-only] The width of the area, in pixels, in which content is displayed.

Public methods

S.N.	Method & Description
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1

Accordion

Constructor.

2

getHeaderAtindex: int:Button

Returns a reference to the navigator button for a child container.

3

loadStatestate: Object:void

Loads the state of this object.

4

saveState:Object

Saves the state of this object.

Events

S.N.	Event & Description
------	---------------------

1

change

Dispatched when the selected child container changes.

Methods inherited

This class inherits methods from the following classes:

- 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 Accordion Control Example

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

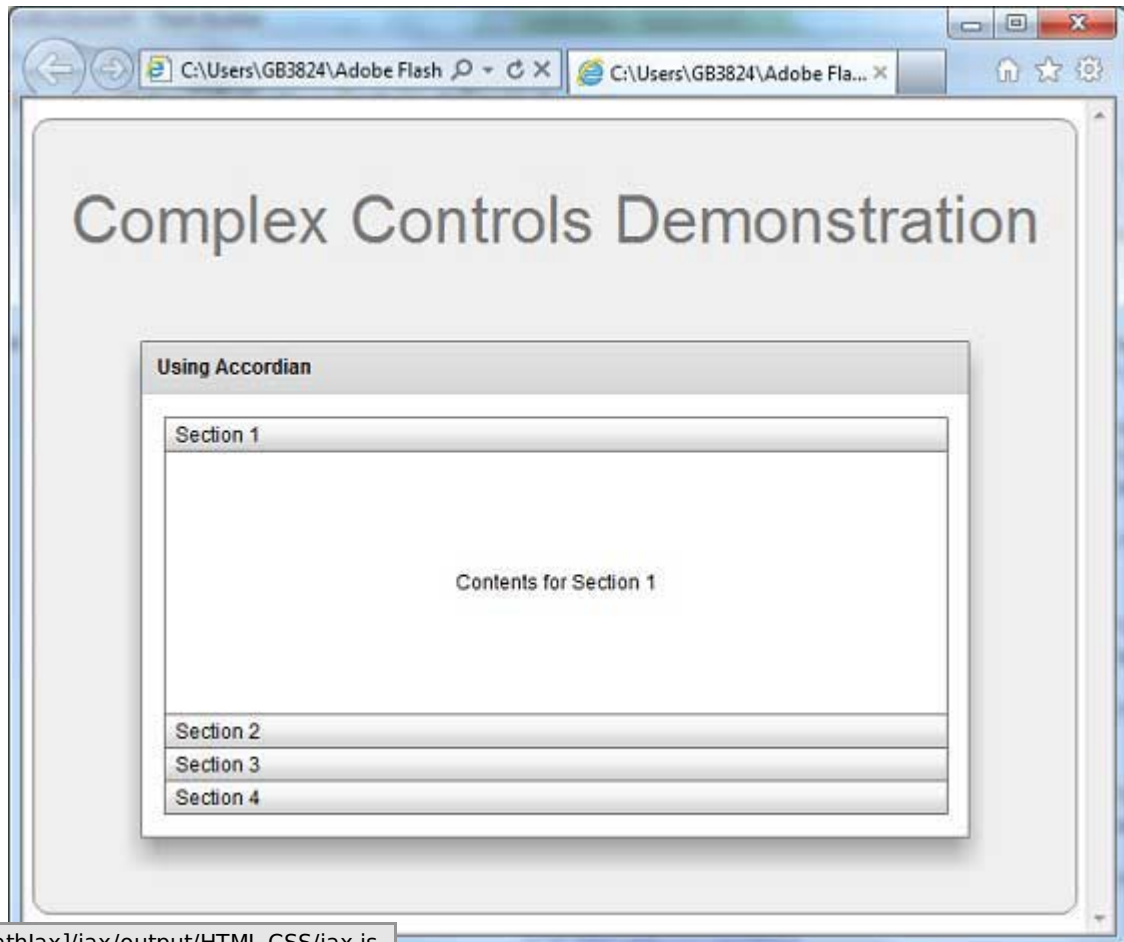
Step	Description
1	Create a project with a name <i>HelloWorld</i> under a package <i>com.tutorialspoint.client</i> as explained in the <i>Flex - Create Application</i> chapter.
2	Modify <i>HelloWorld.mxml</i> as explained below. Keep rest of the files unchanged.
3	Compile and run the application to make 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:Accordion >
          <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:Accordion>
      </s:Panel>
    </s:VGroup>
  </s:BorderContainer>
</s:Application>
```

```
        </s:VGroup>
    </s:NavigatorContent>
</mx:Accordion>
</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](#)]



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