

GWT - HORIZONTALSPLITPANEL WIDGET

http://www.tutorialspoint.com/gwt/gwt_horizontalsplitpanel_widget.htm

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Introduction

The **HorizontalSplitPanel** widget represents a panel that arranges two widgets in a single horizontal row and allows the user to interactively change the proportion of the width dedicated to each of the two widgets. Widgets contained within a HorizontalSplitPanel will be automatically decorated with scrollbars when necessary.

Class declaration

Following is the declaration for **com.google.gwt.user.client.ui.HorizontalSplitPanel** class:

```
@Deprecated
public final class HorizontalSplitPanel
    extends Panel
```

CSS style rules

Following default CSS Style rules will be applied to all the HorizontalSplitPanel widget. You can override it as per your requirements.

```
.gwt-HorizontalSplitPanel { }
.gwt-HorizontalSplitPanel hsplitter { }
```

Class constructors

S.N.	Constructor & Description
1	HorizontalSplitPanel Deprecated.
2	HorizontalSplitPanelHorizontalSplitPanel.Resourcesresources Deprecated. Creates an empty horizontal split panel.
3	HorizontalSplitPanelHorizontalSplitPanel(HorizontalSplitPanelImagesimages) Deprecated. replaced by HorizontalSplitPanelResources

Class methods

S.N.	Function name & Description
1	void addWidgetw Deprecated. Adds a widget to a pane in the HorizontalSplitPanel.
2	protected Element getElementintindex

Deprecated. Gets the content element for the given index.

3

Widget getEndOfLineWidget

Deprecated. Gets the widget in the pane that is at the end of the line direction for the layout.

4

Widget getLeftWidget

Deprecated. Gets the widget in the left side of the panel.

5

Widget getRightWidget

Deprecated. Gets the widget in the right side of the panel.

6

protected Element getSplitElement

Deprecated. Gets the element that is acting as the splitter.

7

Widget getStartOfLineWidget

Deprecated. Gets the widget in the pane that is at the start of the line direction for the layout.

8

protected Widget getWidget*int*index

Deprecated. Gets one of the contained widgets.

9

boolean isResizing

Deprecated. Indicates whether the split panel is being resized.

10

java.util.Iterator<Widget> iterator

Deprecated. Gets an iterator for the contained widgets.

11

void onBrowserEvent*Event*event

Deprecated. Fired whenever a browser event is received.

12

protected void onEnsureDebugId*java.lang.String*baseID

Deprecated. Affected Elements: -splitter = the container containing the splitter element. -right = the container on the right side of the splitter. -left = the container on the left side of the splitter.

13

protected void onLoad

Deprecated. This method is called immediately after a widget becomes attached to the browser's document.

- 14 **protected void onUnload**
- Deprecated. This method is called immediately before a widget will be detached from the browser's document.
- 15 **boolean removeWidgetWidget**
- Deprecated. Removes a child widget.
- 16 **void setEndOfLineWidgetWidgetw**
- Deprecated. Sets the widget in the pane that is at the end of the line direction for the layout.
- 17 **void setLeftWidgetWidgetw**
- Deprecated. Sets the widget in the left side of the panel.
- 18 **void setRightWidgetWidgetw**
- Deprecated. Sets the widget in the right side of the panel.
- 19 **void setSplitPositionjava. lang. Stringpos**
- Deprecated. Moves the position of the splitter.
- 20 **void setStartOfLineWidgetWidgetw**
- Deprecated. Sets the widget in the pane that is at the start of the line direction for the layout.
- 21 **protected void setWidgetintindex, Widgetw**
- Deprecated. Sets one of the contained widgets.

Methods inherited

This class inherits methods from the following classes:

- com.google.gwt.user.client.ui.UIObject
- com.google.gwt.user.client.ui.Widget
- com.google.gwt.user.client.ui.Panel
- java.lang.Object

HorizontalSplitPanel Widget Example

This example will take you through simple steps to show usage of a `HorizontalSplitPanel` Widget in GWT. Follow the following steps to update the GWT application we created in *GWT - Create Application* chapter:

Step	Description
1	Create a project with a name <i>HelloWorld</i> under a package <i>com.tutorialspoint</i> as explained in the <i>GWT - Create Application</i> chapter.
2	Modify <i>HelloWorld.gwt.xml</i> , <i>HelloWorld.css</i> , <i>HelloWorld.html</i> and <i>HelloWorld.java</i> as explained below. Keep rest of the files unchanged.
3	Compile and run the application to verify the result of the implemented logic.

Following is the content of the modified module descriptor **src/com.tutorialspoint/HelloWorld.gwt.xml**.

```
<?xml version="1.0" encoding="UTF-8"?>
<module rename-to='helloworld'>
  <!-- Inherit the core Web Toolkit stuff. -->
  <inherits name='com.google.gwt.user.User' />

  <!-- Inherit the default GWT style sheet. -->
  <inherits name='com.google.gwt.user.theme.clean.Clean' />

  <!-- Specify the app entry point class. -->
  <entry-point class='com.tutorialspoint.client.HelloWorld' />

  <!-- Specify the paths for translatable code -->
  <source path='client' />
  <source path='shared' />

</module>
```

Following is the content of the modified Style Sheet file **war/HelloWorld.css**.

```
body{
    text-align: center;
    font-family: verdana, sans-serif;
}
h1{
    font-size: 2em;
    font-weight: bold;
    color: #777777;
    margin: 40px 0px 70px;
    text-align: center;
}
```

Following is the content of the modified HTML host file **war/HelloWorld.html**.

```
<html>
<head>
<title>Hello World</title>
  <link rel="stylesheet" href="HelloWorld.css"/>
  <script language="javascript" src="helloworld/helloworld.nocache.js">
  </script>
</head>
<body>

<h1>HorizontalSplitPanel Widget Demonstration</h1>
<div ></div>

</body>
</html>
```

Let us have following content of Java file **src/com.tutorialspoint/HelloWorld.java** which will demonstrate use of HorizontalSplitPanel widget.

```
package com.tutorialspoint.client;

import com.google.gwt.core.client.EntryPoint;
import com.google.gwt.user.client.ui.CheckBox;
import com.google.gwt.user.client.ui.DecoratorPanel;
import com.google.gwt.user.client.ui.HTML;
import com.google.gwt.user.client.ui.HorizontalSplitPanel;
import com.google.gwt.user.client.ui.RootPanel;
import com.google.gwt.user.client.ui.VerticalPanel;

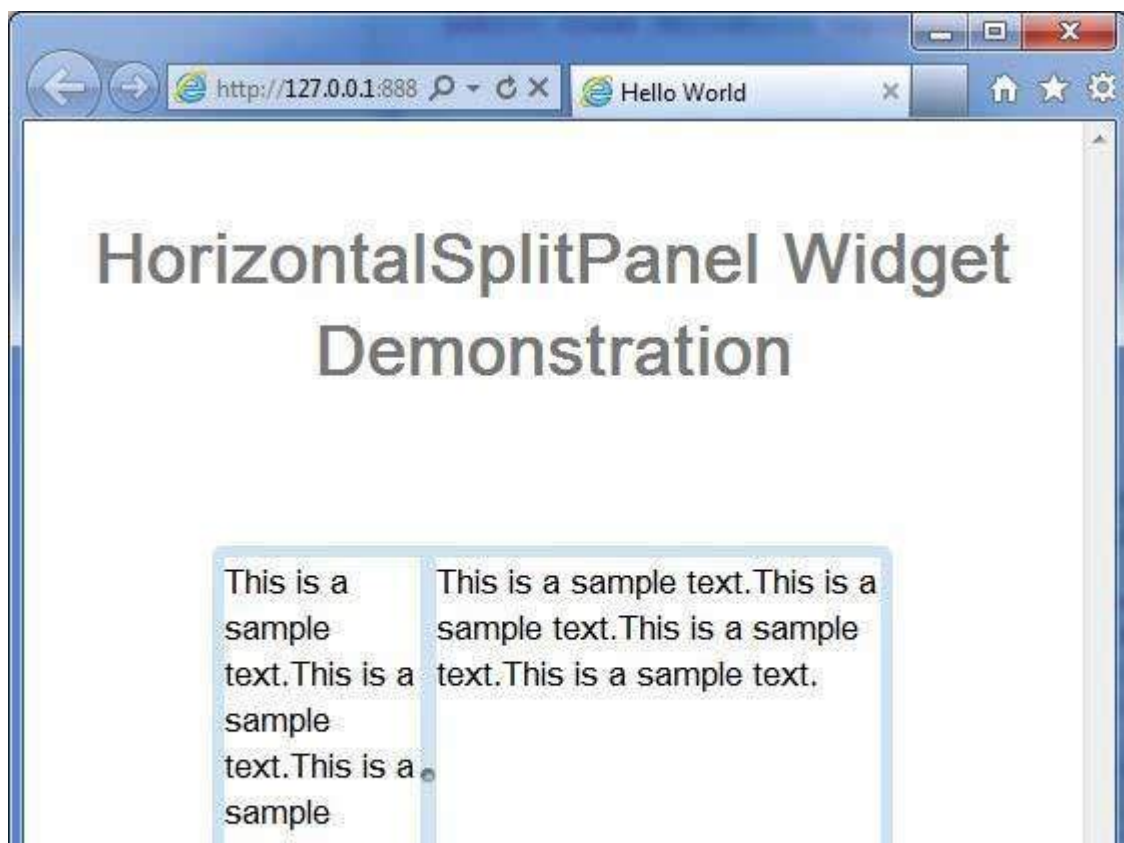
public class HelloWorld implements EntryPoint {

    public void onModuleLoad() {
        // Create a Horizontal Split Panel
        HorizontalSplitPanel horizontalSplitPanel = new HorizontalSplitPanel();
        horizontalSplitPanel.setSize("300px", "200px");
        horizontalSplitPanel.setSplitPosition("30%");

        // Add some content
        String randomText = "This is a sample text.";
        for (int i = 0; i < 2; i++) {
            randomText += randomText;
        }
        horizontalSplitPanel.setRightWidget(new HTML(randomText));
        horizontalSplitPanel.setLeftWidget(new HTML(randomText));

        DecoratorPanel decoratorPanel = new DecoratorPanel();
        decoratorPanel.add(horizontalSplitPanel);
        // Add the widgets to the root panel.
        RootPanel.get().add(decoratorPanel);
    }
}
```

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



text. This is a
sample text.

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