## ****Introduction****

In this code sample, you use Visual Studio 2010 to create and implement a custom tab Web Part in SharePoint 2010 that is independent of the page layout. This sample accompanies the article, “Creating Custom Tab Web Parts in SharePoint 2010” in the MSDN Library.

## ****Description****

SharePoint 2010 provides many out-of-the-box Web Parts, but none of those Web Parts provides a tabbed interface. Today’s web pages have lots of information; a tab Web Part would help organize that information in far less space.

This sample code and the accompanying article describe how to create a SharePoint 2010 custom tab Web Part in Visual Studio 2010 that is independent of the page layout. You can add this custom tab Web Part to a SharePoint page to provide a tabbed UI without having to modify the page layout. After you have the tabbed UI, you can organize the page information under tabs.

This custom tab Web Part uses the Web Part Export/Import methods to “clone” predefined closed Web Parts, and then display them under tabs.

## Running the code sample

The sample code package contains a SharePoint 2010 custom Web Part solution that you can build and deploy to your SharePoint site. Use the following steps to run the code sample.

1. Run Visual Studio 2010 as Administrator.
2. In Visual Studio 2010, click **File**, point to **Open**, and then click **Project/Solution...** to open the SharePoint2010CustomTabWebPart.sln file.
3. In the Visual Studio **Properties** pane, change the **Site URL** value to the absolute address of your SharePoint 2010 development test site. For example, "http://MySharePointDevServer/". Make sure that you include the closing forward slash.
4. Now you can build and deploy your solution to SharePoint, and then test the custom tab Web Part by adding it to a test page. For more information, see the “Add a Custom Tab Web Part” section in the accompanying article on MSDN.

## Additional resources

For more information, see the following:

* [Create Visual Web Parts in SharePoint 2010](http://msdn.microsoft.com/en-us/library/ff597539.aspx)
* [Know Whether to Delete or Close Web Parts on SharePoint 2010](http://technet.microsoft.com/en-us/magazine/gg153557.aspx)
* [WebPartManager Class](http://msdn.microsoft.com/en-us/library/53542h0c)