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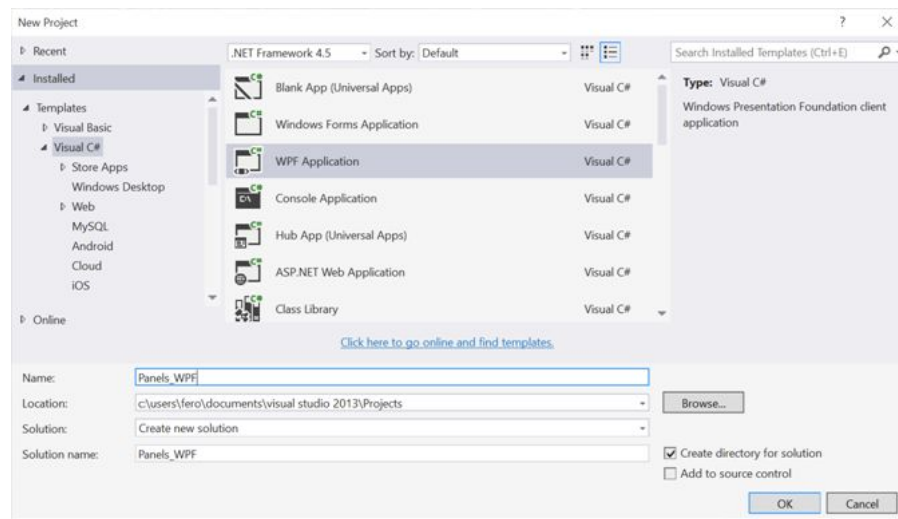
Blog



Overview of Panels in WPF

By **Abdul Rasheed Feroz Khan** on **May 20 2016**

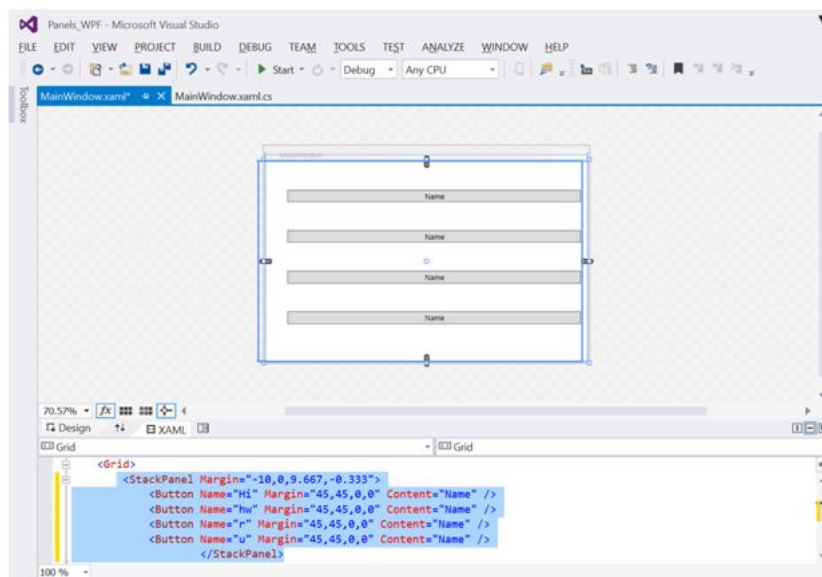
Step 1: Create an empty WPF using Visual Studio, enter the name for the application and click on OK



Step 2: Add elements with help of Stackpanel.

Code:

1. <StackPanel Margin="-10,0,9.667,-0.333">
2. <Button Name="Hi" Margin="45,45,0,0" Content="Name" />
3. <Button Name="hw" Margin="45,45,0,0" Content="Name" />
4. <Button Name="r" Margin="45,45,0,0" Content="Name" />
5. <Button Name="u" Margin="45,45,0,0" Content="Name" />
6. </StackPanel>



Code of Mainwindow.xaml:

1. <Window x:Class="Panels_WPF.MainWindow" xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation" xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">
2. <Grid>
3. <StackPanel Margin="-10,0,9.667,-0.333">
4. <Button Name="Hi" Margin="45,45,0,0" Content="Name" />
5. <Button Name="hw" Margin="45,45,0,0" Content="Name" />
6. <Button Name="r" Margin="45,45,0,0" Content="Name" />
7. <Button Name="u" Margin="45,45,0,0" Content="Name" />

```

8.     </StackPanel>
9.     </Grid>
10. </Window>

```

Step 3: Add a new window by right clicking on the solution name and name it as Wrappanel.xaml for Wrappanel

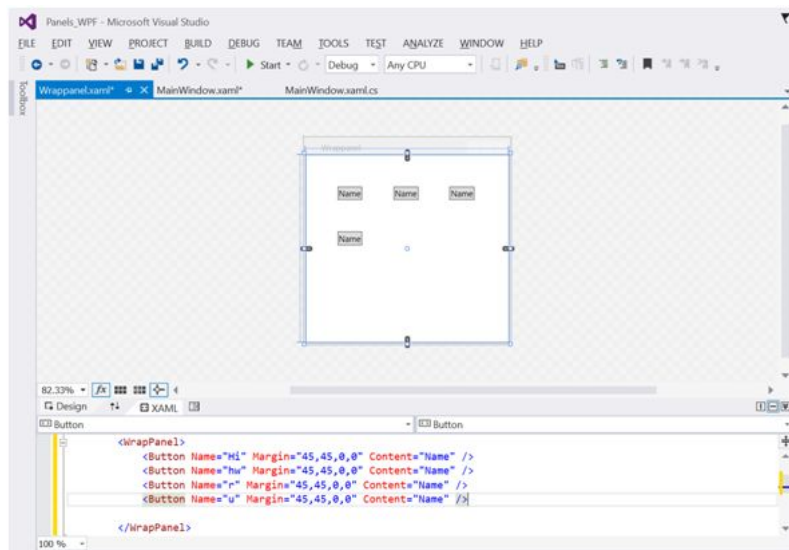
Code of Wrappanel.xaml:

```

1. <Window x:Class="Panels_WPF.Wrappanel" xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation" xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
2.     <Grid>
3.         <WrapPanel>
4.             <Button Name="Hi" Margin="45,45,0,0" Content="Name" />
5.             <Button Name="hw" Margin="45,45,0,0" Content="Name" />
6.             <Button Name="r" Margin="45,45,0,0" Content="Name" />
7.             <Button Name="u" Margin="45,45,0,0" Content="Name" />
8.         </WrapPanel>
9.     </Grid>
10. </Window>

```

The window will be as such for wrappanel,



Step 4: Now make the button at Mainwindow.xaml for Wrappanel to open this window using the following code:

Double click on Wrap panel button and write the following code at Mainwindow.xaml.cs

```

1. Wrappanel p = newWrappanel();
2. p.Show();

```

Code for mainwindow.xaml.cs:

```

1. using System;
2. usingSystem.Collections.Generic;
3. usingSystem.Linq;
4. usingSystem.Text;
5. usingSystem.Threading.Tasks;
6. usingSystem.Windows;
7. usingSystem.Windows.Controls;
8. usingSystem.Windows.Data;
9. usingSystem.Windows.Documents;
10. usingSystem.Windows.Input;
11. usingSystem.Windows.Media;
12. usingSystem.Windows.Media.Imaging;
13. usingSystem.Windows.Navigation;
14. usingSystem.Windows.Shapes;
15. namespacePanels_WPF
16. {
17.     ///<summary>
18.     /// Interaction logic for MainWindow.xaml
19.     ///</summary>
20.     publicpartialclassMainWindow: Window
21.     {
22.         publicMainWindow()
23.         {
24.             InitializeComponent();
25.         }
26.         privatevoidHi_Click(object sender, RoutedEventArgs e)
27.         {
28.             Wrappanel p = newWrappanel();

```

```

29.     p.Show();
30. }
31. }
32. }

```

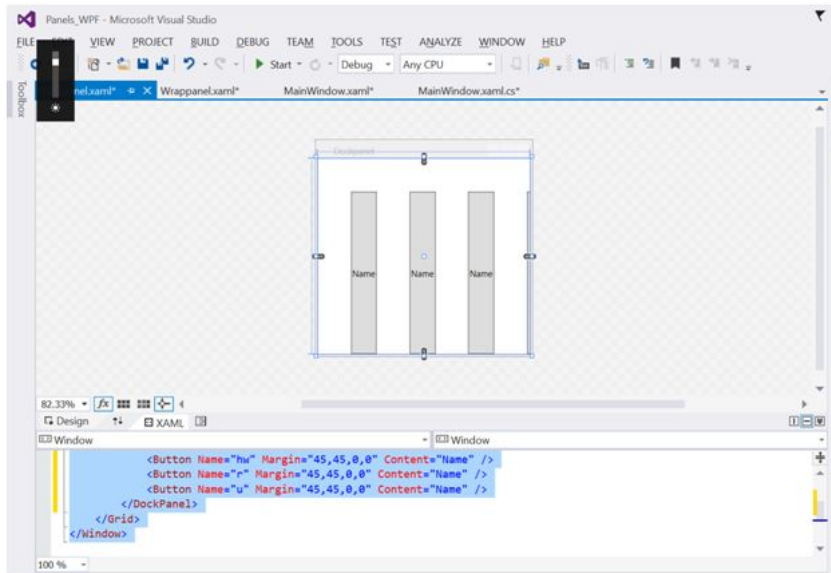
Step 5: Create a new window the same for Dockpanel and place the elements within the grid using. `<Dockpanel></DockPanel>`.

The code should be as:

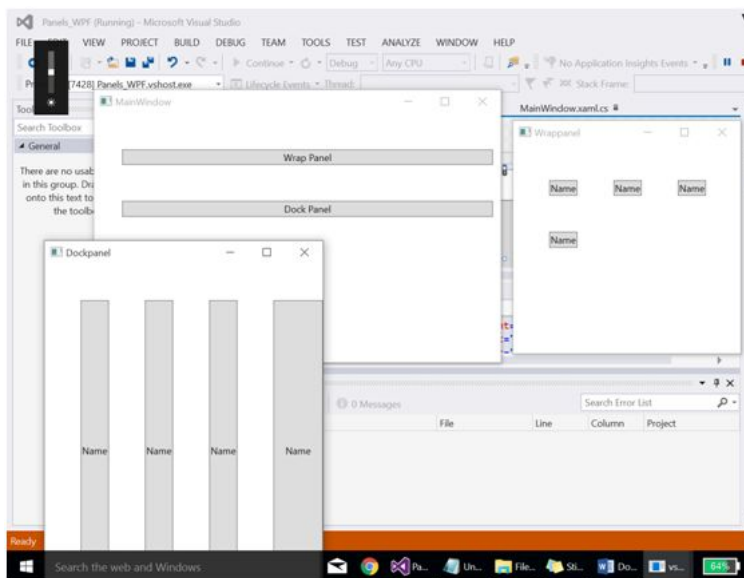
```

1. <Window x:Class="Panels_WPF.Dockpanel" xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation" xmlns:x="http://schemas.microsoft.com
2. <Grid>
3.
4. <DockPanel>
5. <Button Name="Hi" Margin="45,45,0,0" Content="Name" />
6. <Button Name="hw" Margin="45,45,0,0" Content="Name" />
7. <Button Name="r" Margin="45,45,0,0" Content="Name" />
8. <Button Name="u" Margin="45,45,0,0" Content="Name" />
9. </DockPanel>
10. </Grid>
11. </Window>

```



Step 6: Now run the code:



Thank you for using C# Corner