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Blog



Creating a Web Browser in WPF

By **Abdul Rasheed Feroz Khan** on **May 24 2016**

Introduction

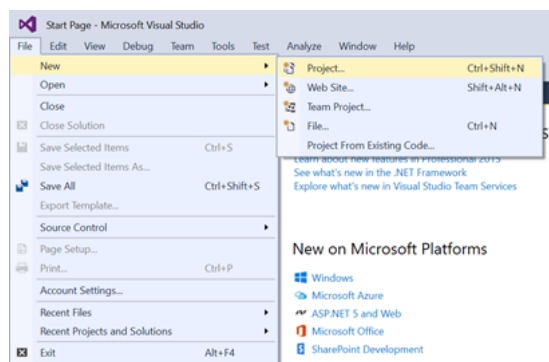
This blog will help you to create a web browser in WPF (Windows Presentation Foundation).

Prerequisites

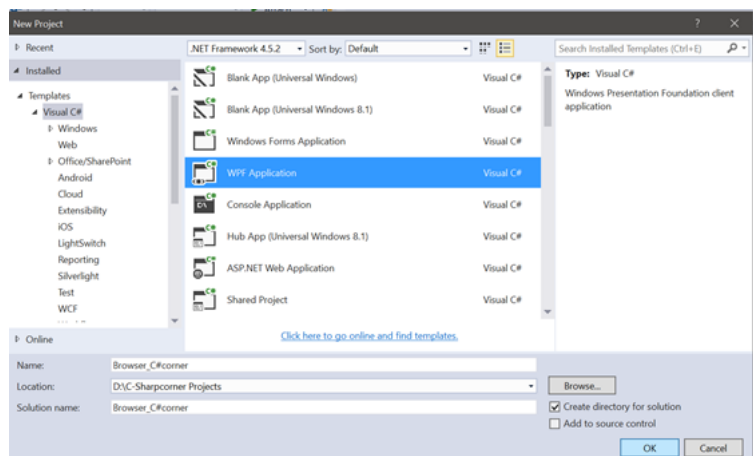
- Visual Studio 2013 with update 4 (or) Visual Studio 2015

Follow the following steps now:

Step 1: Open Visual Studio 2015 and Create a New Project.

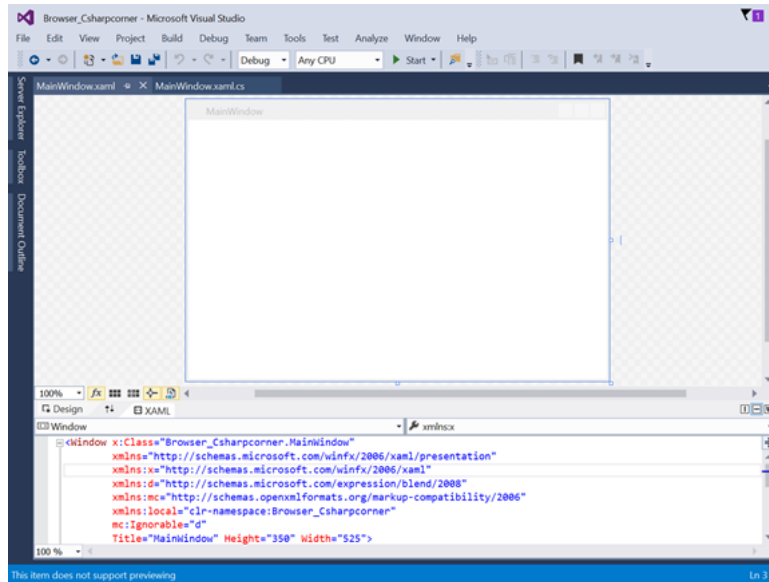


Step 2: Select WPF (Windows Presentation Foundation), name your project and select the location where it has to be saved.



Step 3: Goto MainWindow.xaml and paste the following code for the web browser:

- `<Window x:Class="WPFWebControl.MainWindow" xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation" xmlns:x="http://schemas.microsoft.com/compatibility/2006" Height="529" Width="731">`
- `<Grid>`
- `<Button Content="Back" Height="23" HorizontalAlignment="Left" Margin="10,5,0,0" Name="MyBack" VerticalAlignment="Top" Width="25" ToolTip="Backword" Click="MyBack_Click" />`
- `<WebBrowser Height="445" HorizontalAlignment="Left" Margin="10,33,0,0" Name="MyWebBrowser" VerticalAlignment="Top" Width="687" LoadCompleted="MyWebBrowser_LoadCompleted" />`
- `<TextBox Height="23" Margin="103,5,12,0" Name="MyTextBox" VerticalAlignment="Top" />`
- `<Button Content="Go" Height="23" HorizontalAlignment="Left" Margin="41,5,0,0" Name="MyGo" VerticalAlignment="Top" Width="25" ToolTip="Go" Click="MyGo_Click" />`
- `<Button Content="Forward" Height="23" HorizontalAlignment="Right" Margin="0,5,612,0" Name="MyForward" VerticalAlignment="Top" Width="25" ToolTip="Forward" Click="MyForward_Click" />`
- `</Grid>`
- `</Window>`



Step 4: Now copy the following code in MainWindow.xaml.cs:

```

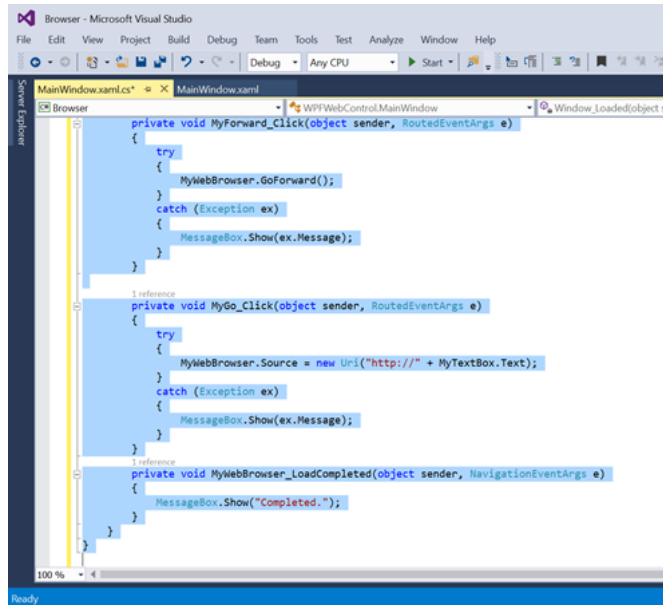
1. using System;
2. using System.Collections.Generic;
3. using System.Linq;
4. using System.Text;
5. using System.Windows;
6. using System.Windows.Controls;
7. using System.Windows.Data;
8. using System.Windows.Documents;
9. using System.Windows.Input;
10. using System.Windows.Media;
11. using System.Windows.Media.Imaging;
12. using System.Windows.Navigation;
13. using System.Windows.Shapes;
14. namespace WPFWebControl
15. {
16.     public partial class MainWindow: Window
17.     {
18.         public MainWindow()
19.         {
20.             InitializeComponent();
21.         }
22.         private void Window_Loaded(object sender, RoutedEventArgs e)
23.         {
24.             try
25.             {
26.                 MyWebBrowser.Source = new Uri("http://www.microsoft.com");
27.             }
28.             catch (Exception ex)
29.             {
30.                 MessageBox.Show(ex.Message);
31.             }
32.         }
33.         private void MyBack_Click(object sender, RoutedEventArgs e)
34.         {
35.             try
36.             {
37.                 MyWebBrowser.GoBack();
38.             }
39.             catch (Exception ex)
40.             {
41.                 MessageBox.Show(ex.Message);
42.             }
43.         }
44.         private void MyForward_Click(object sender, RoutedEventArgs e)
45.         {
46.             try
47.             {
48.                 MyWebBrowser.GoForward();
49.             }
50.             catch (Exception ex)
51.             {
52.                 MessageBox.Show(ex.Message);
53.             }
54.         }
55.         private void MyGo_Click(object sender, RoutedEventArgs e)
56.         {
57.             try

```

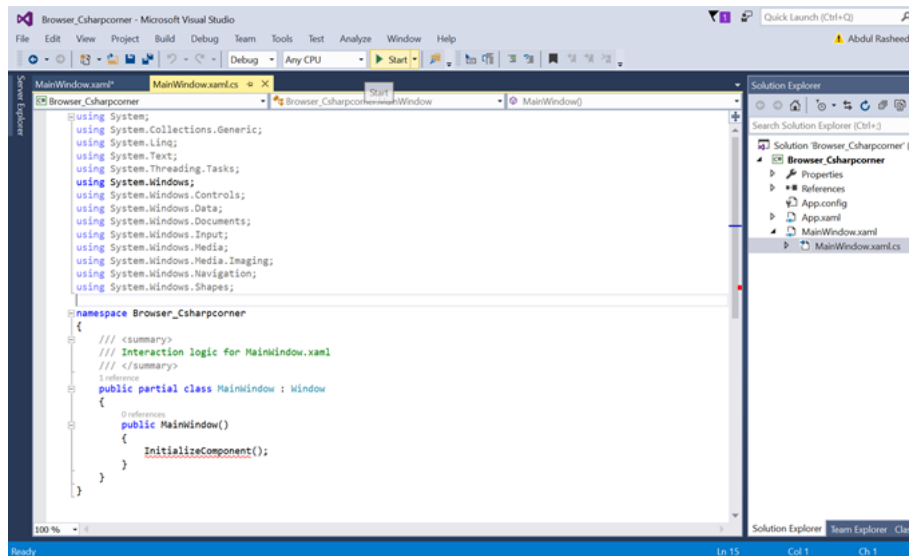
```

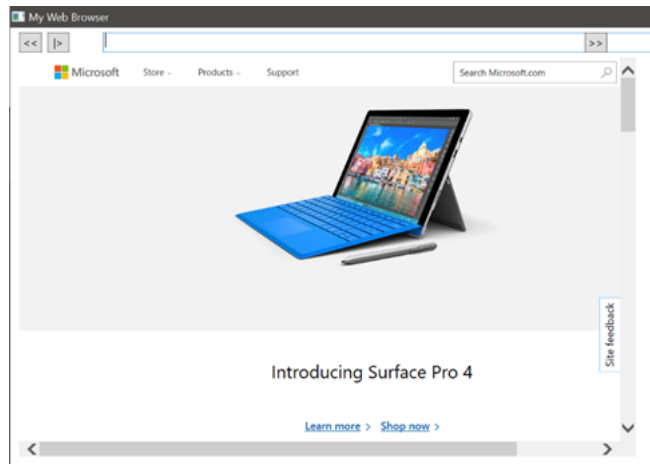
58.     {
59.         MyWebBrowser.Source = new Uri("http://" + MyTextBox.Text);
60.     }
61.     catch (Exception ex)
62.     {
63.         MessageBox.Show(ex.Message);
64.     }
65. }
66. private void MyWebBrowser_LoadCompleted(object sender, NavigationEventArgs e)
67. {
68.     MessageBox.Show("Completed.");
69. }
70. }
71. }

```



Step 5: Now run the project by clicking on start at the top of Visual Studio 2015.





Thank you for using C# Corner