

# Course API Comparison

## Chapter C5: A WPF Browser Application written in Xaml and C#

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### Preliminaries

Guidance for **Visual C# 2008 Express Edition**:

1) Main Menu after start of VS 2008: Tools → Options →  
check lower left checkbox: Show all Settings → Projects and Solutions →  
Visual Studio projects location: → C:\temp.

2) Main Menu after start of VS 2008: File → New Project... →  
Visual Studio installed templates: WPF Browser Application  
Name: compareWPF\_Browser → OK.

### Page1.xaml

Replace the default code of Page1.xaml by the following lines:

```
<Page x:Class="compareWPF_Browser.Page1"
xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
Title="WPF Browser Application in XAML + C#">
<Viewbox>
<Border BorderBrush="Black" BorderThickness="2">
<StackPanel Orientation="Horizontal" Margin="2">
<Button Content="Talk!" Click="button1Click" HorizontalAlignment="Left"/>
<TextBox x:Name="textBox" Margin="2,0,2,0" MinWidth="300" TextAlignment="Center"/>
<Button Content="Clear" Click="button2Click" HorizontalAlignment="Right"/>
</StackPanel>
</Border>
</Viewbox>
</Page>
```

### Page1.xaml.cs

Replace the default code of Page1.xaml.cs by the following lines:

```
using System;
using System.Windows.Controls;

namespace compareWPF_Browser
{ public partial class Page1:Page
{ public Page1()
{ InitializeComponent();
}
private void button1Click( Object sender, EventArgs e )
{ textBox.Text = "WPF Browser Application in XAML + C#. Resize!";
}
private void button2Click( Object sender, EventArgs e )
{ textBox.Text = "";
}
}
}
```

Click Debug → Start Without Debugging Ctrl F5.

Click the Talk!-button and resize the browser.

Your C:\temp\compareWPF\_Browser\bin\Release-directory will contain a compareWPF\_Browser.xbap-file, which can be executed by the Internet Explorer.