

Isolated Storage

Introduction

- ❖ The isolated storage allows us to persist data in order to allow the application to be resumed with the same data it had when it was paused.

The IsolatedStorageSetting Class

- ❖ This class allows us to persist data in between the invocations of our application.
- ❖ The data is saved as key-value pairs in a local isolated storage file.

The IsolatedStorageSetting Class

...

```
IsolatedStorageSettings.
```

```
    ApplicationSettings["data"]=textBox1.Text;
```

...

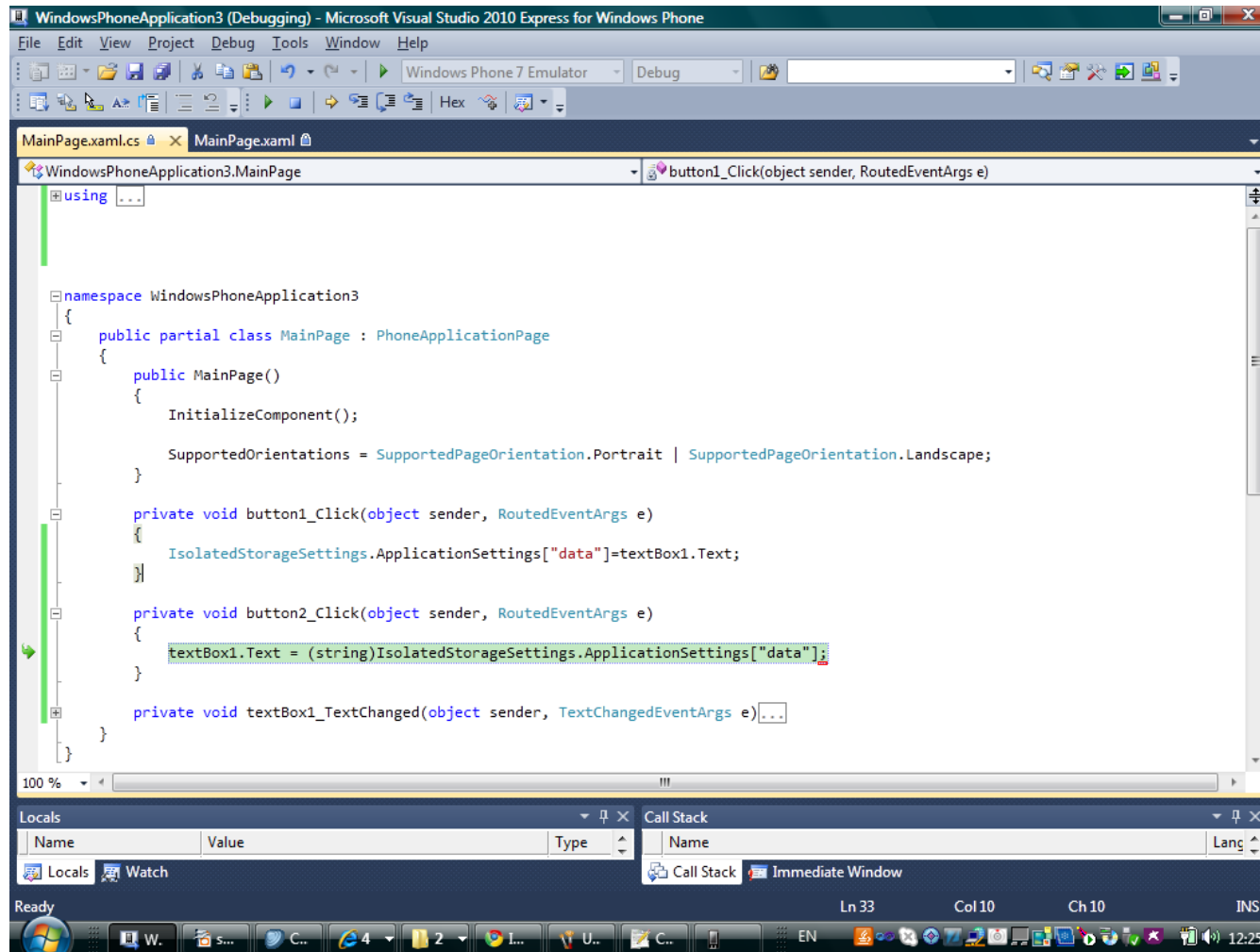
...

```
textBox1.Text = (string)IsolatedStorageSettings.
```

```
    ApplicationSettings["data"];
```

...

Code Sample



```
WindowsPhoneApplication3 (Debugging) - Microsoft Visual Studio 2010 Express for Windows Phone
File Edit View Project Debug Tools Window Help
Windows Phone 7 Emulator Debug
MainPage.xaml.cs MainPage.xaml
WindowsPhoneApplication3.MainPage button1_Click(object sender, RoutedEventArgs e)
using ...

namespace WindowsPhoneApplication3
{
    public partial class MainPage : PhoneApplicationPage
    {
        public MainPage()
        {
            InitializeComponent();

            SupportedOrientations = SupportedPageOrientation.Portrait | SupportedPageOrientation.Landscape;
        }

        private void button1_Click(object sender, RoutedEventArgs e)
        {
            IsolatedStorageSettings.ApplicationSettings["data"] = textBox1.Text;
        }

        private void button2_Click(object sender, RoutedEventArgs e)
        {
            textBox1.Text = (string)IsolatedStorageSettings.ApplicationSettings["data"];
        }

        private void textBox1_TextChanged(object sender, TextChangedEventArgs e) ...
    }
}
```

Locals

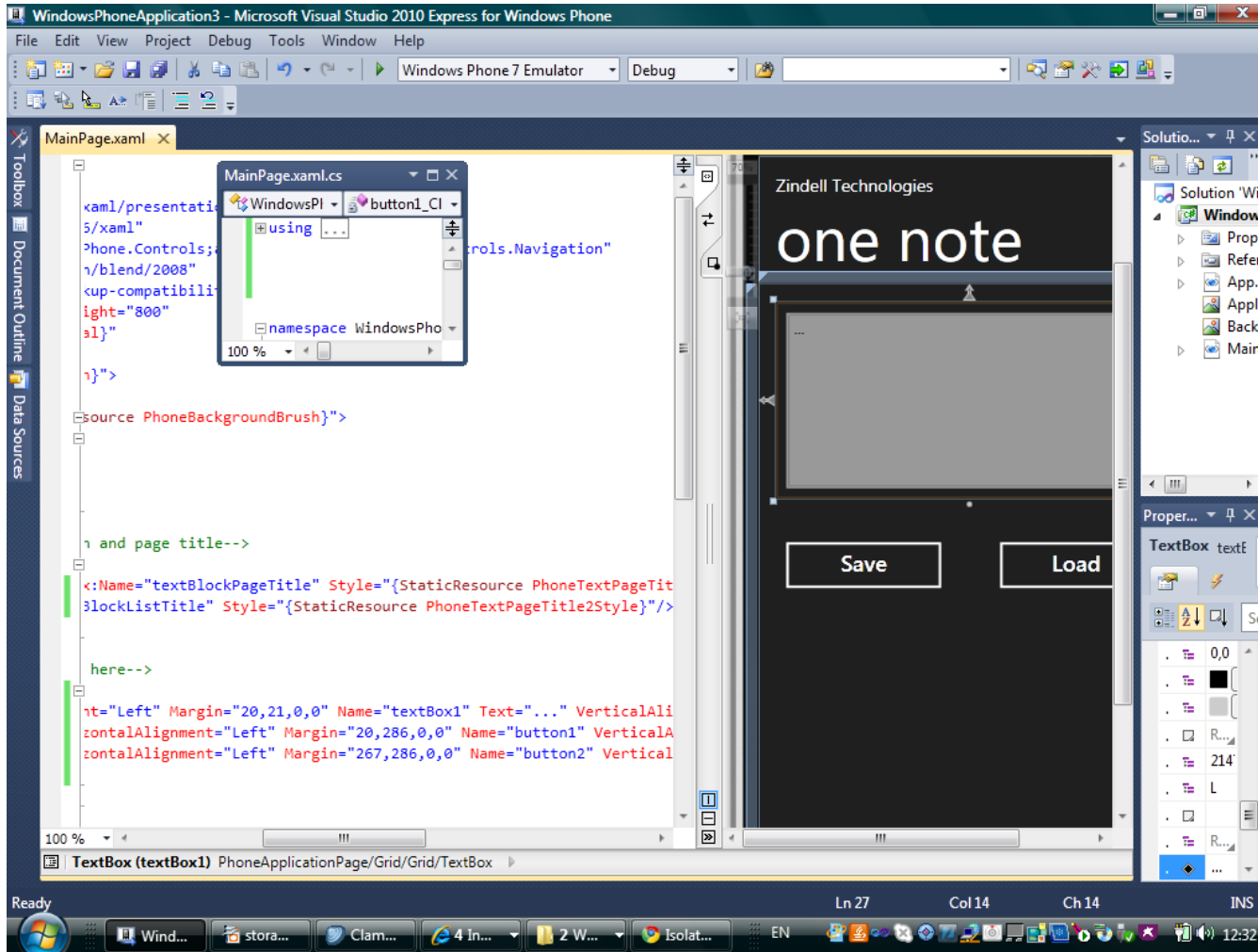
Name	Value	Type

Call Stack

Name	Lang

Ready Ln 33 Col 10 Ch 10 INS

Code Sample



Code Sample



Isolated Storage

04/01/10

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Introduction

- ❖ The isolated storage allows us to persist data in order to allow the application to be resumed with the same data it had when it was paused.

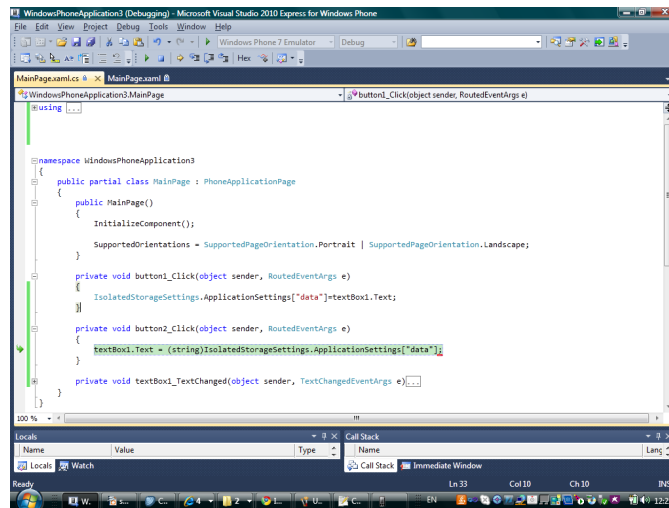
The `IsolatedStorageSetting` Class

- ❖ This class allows us to persist data in between the invocations of our application.
- ❖ The data is saved as key-value pairs in a local isolated storage file.

The IsolatedStorageSetting Class

```
...  
IsolatedStorageSettings.  
    ApplicationSettings["data"]=textBox1.Text;  
...  
  
...  
textBox1.Text = (string)IsolatedStorageSettings.  
    ApplicationSettings["data"];  
...
```

Code Sample



```
using System;

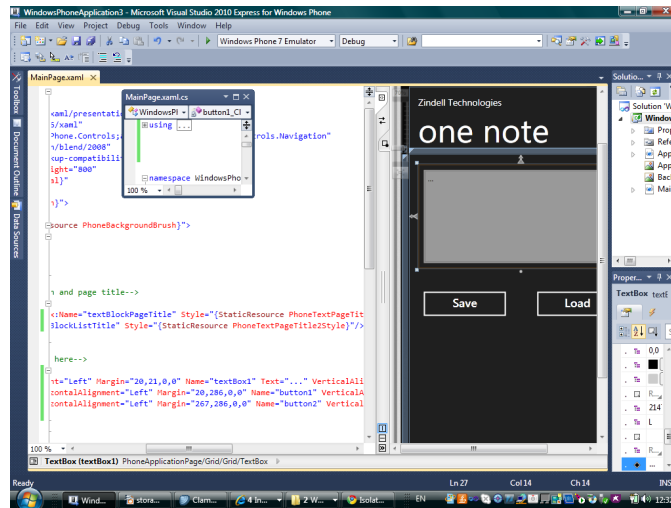
namespace WindowsPhoneApplication3
{
    public partial class MainPage : PhoneApplicationPage
    {
        public MainPage()
        {
            InitializeComponent();
            SupportedOrientations = SupportedPageOrientation.Portrait | SupportedPageOrientation.Landscape;
        }

        private void button1_Click(object sender, RoutedEventArgs e)
        {
            IsolatedStorageSettings.ApplicationSettings["data"] = textBox1.Text;
        }

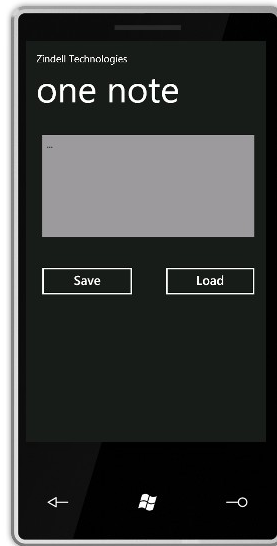
        private void button2_Click(object sender, RoutedEventArgs e)
        {
            textBox1.Text = (string)IsolatedStorageSettings.ApplicationSettings["data"];
        }

        private void textBox1_TextChanged(object sender, TextChangedEventArgs e)
        {
        }
    }
}
```

Code Sample



Code Sample



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