

Accessing Twain Using VB.NET

1- License

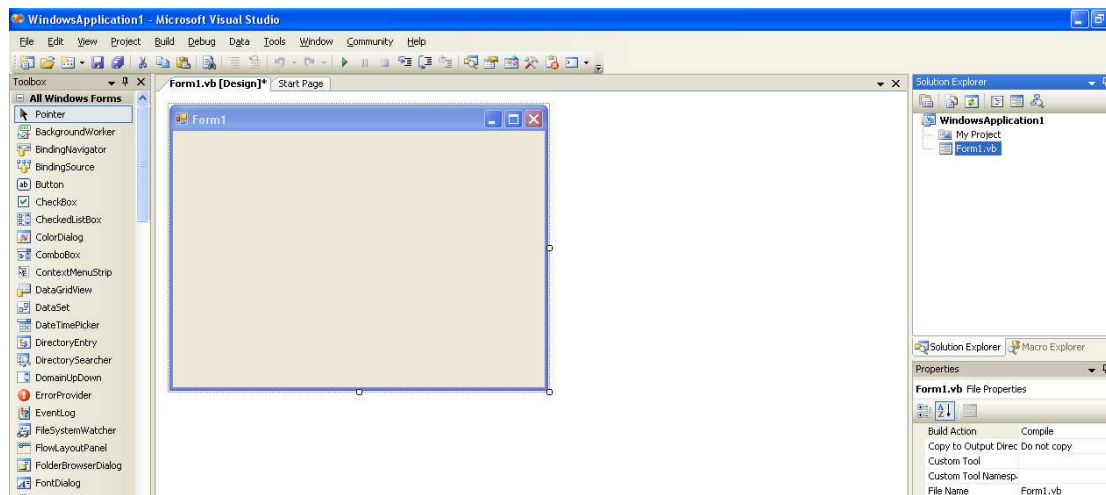
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2- The Software

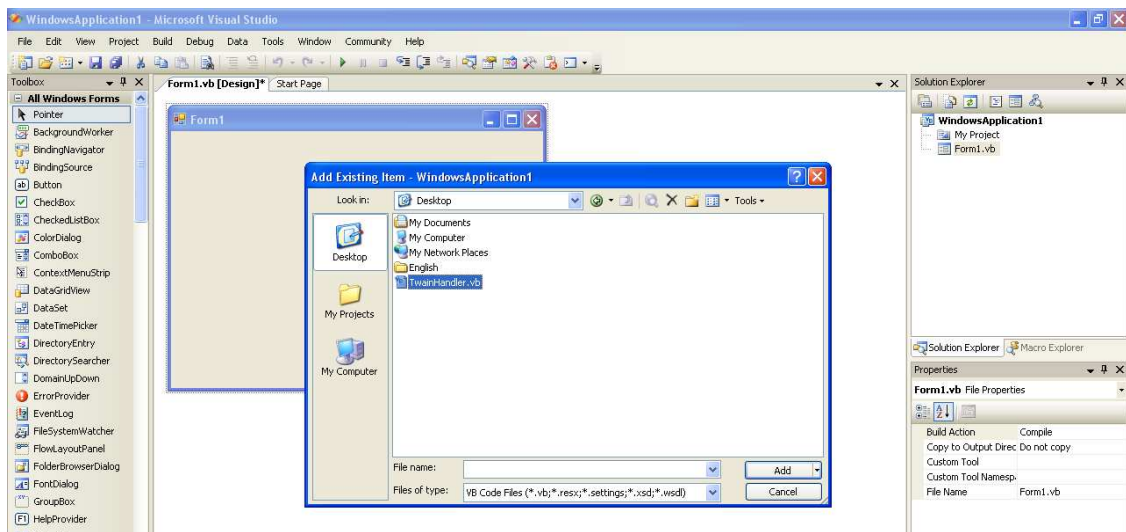
This file '**TwainHandler.vb**' is a visual basic file. It allows you to access twain interface with just one function call 'ScanIt'. It will get the image from the scanner, or camera, or any other twain compatible device. It contains very basic functionality. You just add the file to your project, and then call the function.

3- Using the class file

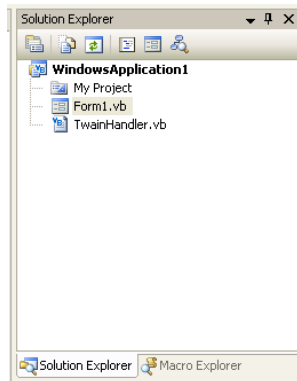
Start a new windows application project as shown below:



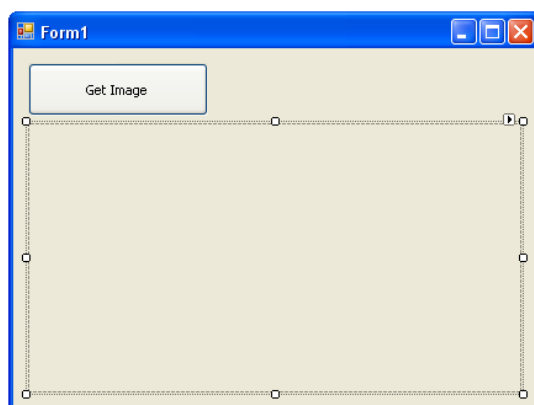
Now select **Project->Add Existing Item**



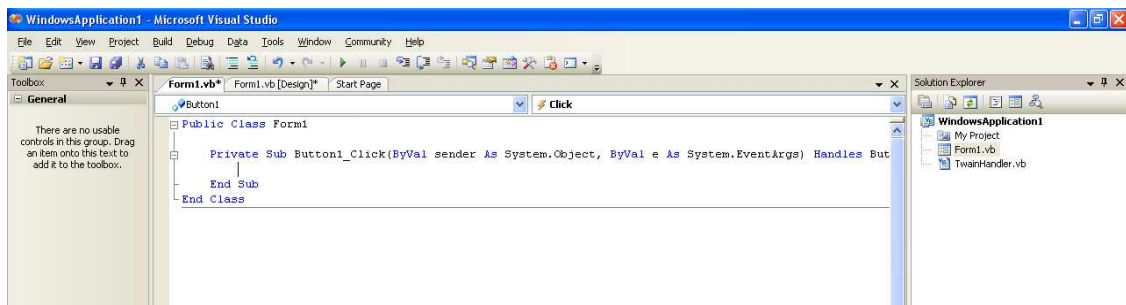
In the window select **TwainHandler.vb** file, and press Add



Add a command Button and a Picture Box



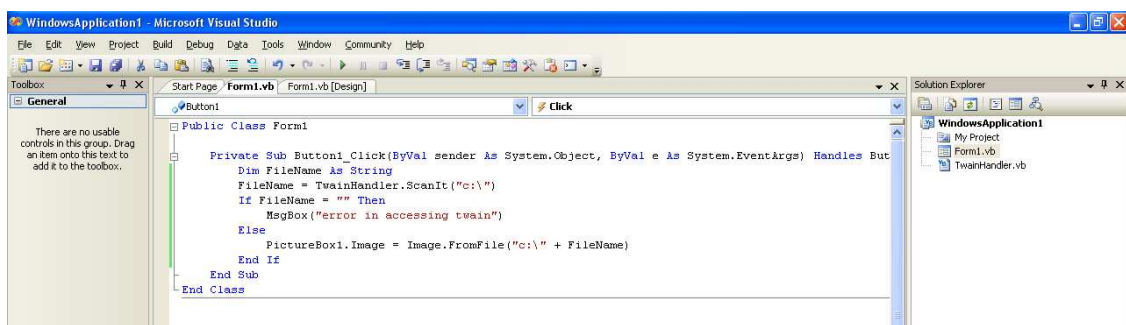
Double click on the command button



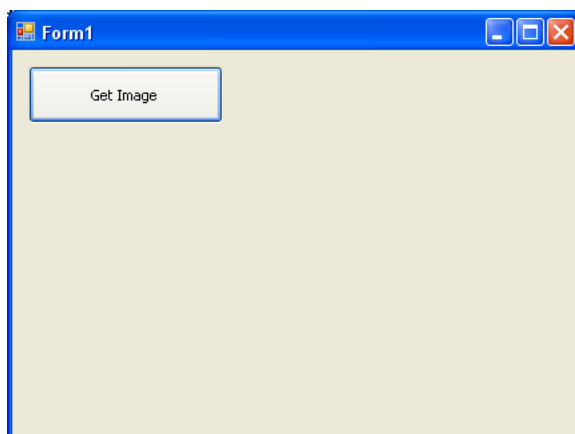
Enter the following code:

```
Dim FileName As String
FileName = TwainHandler.ScanIt("c:\")
If FileName = "" Then
    MsgBox("error in accessing twain")
Else
    PictureBox1.Image = Image.FromFile("c:\" + FileName)
End If
```

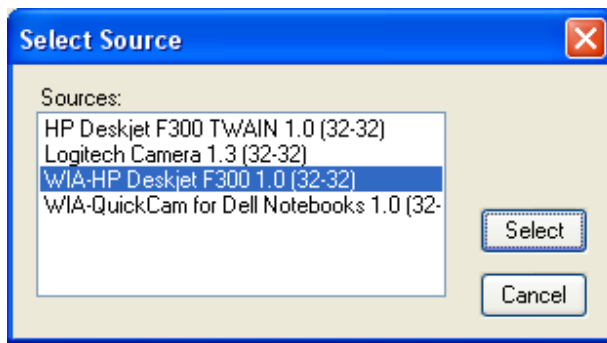
So, you should have something like this:



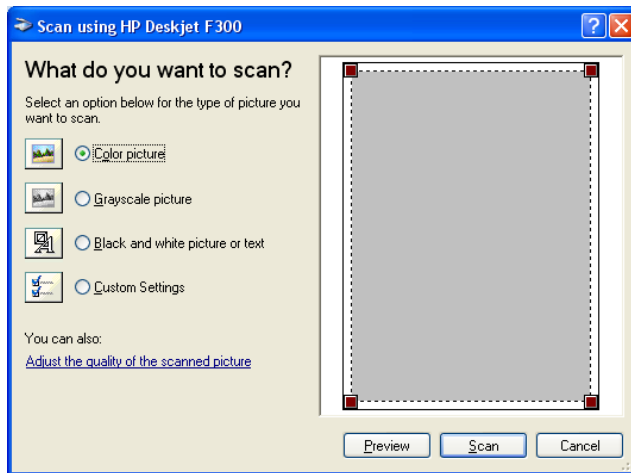
Now hit Run



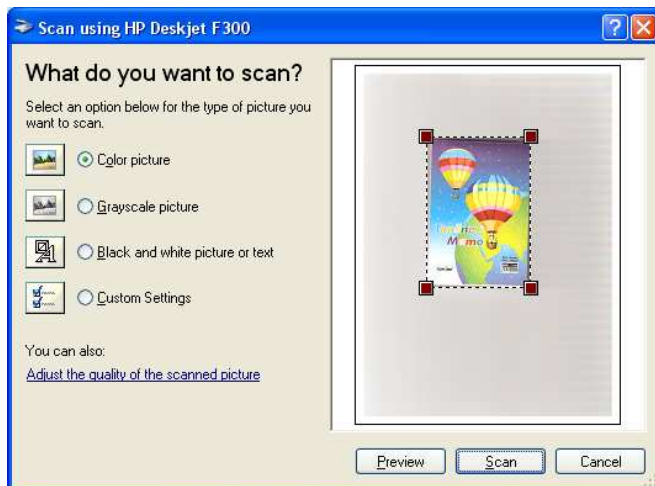
Press **Get Image**



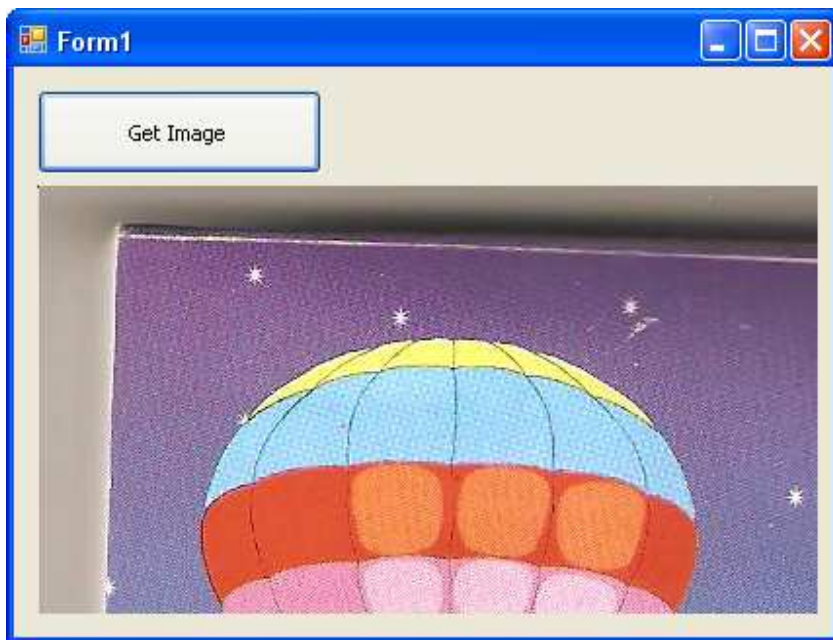
After selecting twain source, press **select**



Use preview, then scan



After the scan



The picture is not resized, you can check out the C:\ drive to find the picture file.

4- Understanding The Code

The code you need to know is as follows:

```
Dim FileName As String
```

This will store the name of the file.

```
FileName = TwainHandler.ScanIt("c:\")
```

Performs the actual scan operation and stores the picture in the directory specified.

```
If FileName = "" Then
```

```
    MsgBox("error in accessing twain")
```

```
Else
```

```
    PictureBox1.Image = Image.FromFile("c:\" + FileName)
```

```
End If
```

Check if the file name is "" in this case an error is assumed... however, this is not a guaranteed method. You should do extra work to get around this. After all this class provides a basic functionality only. The images are stored as .JPG file only.

5- The Source Code

This code is actually a modification for the code found in the link below. It is written in C#. I just modified it to be easier to use with VB. Remember to visit the main author's site. He deserves all the thanks.

<http://www.codeproject.com/KB/dotnet/twaindotnet.aspx>