

wpf ui barcode reading example with barcode reader sdk in VB.NET using ByteScout Premium Suite

How to apply ByteScout Premium Suite for wpf ui barcode reading example with barcode reader sdk in VB.NET

An easy to understand guide to learn how to wpf ui barcode reading example with barcode reader sdk in VB.NET. ByteScout Premium Suite helps with wpf ui barcode reading example with barcode reader sdk in VB.NET. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

Want to speed up the application development? Then this VB.NET, code samples for VB.NET, developers help to speed up the application development and writing a code when using ByteScout Premium Suite. If you want to know how it works, then this VB.NET sample code should be copied and pasted into your application's code editor. Then just compile and run it. Want to see how it works with your data then code testing will allow the function to be tested and work properly.

Trial version along with the source code samples for VB.NET can be downloaded from our website

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Source Code Files:

Application.xaml.vb

```
Class Application
```

```
    ' Application-level events, such as Startup, Exit, and DispatcherUnhandledException  
    ' can be handled in this file.
```

```
End Class
```

MainWindow.xaml.vb

```
Imports System.Text
```

```
Imports Bytescout.BarCodeReader
```

```
Class MainWindow
```

```
    ' Select image file
```

```
    Private Sub btnBrowse_Click(sender As Object, e As System.Windows.RoutedEventArgs)
```

```
        Dim dlg = New Microsoft.Win32.OpenFileDialog
```

```
        dlg.Filter = "Supported formats (*.bmp;*.gif;*.tif;*.png;*.jpg;*.pdf)|*.bmp;*.g
```

```
        If dlg.ShowDialog() = True Then
```

```
            tbFileName.Text = dlg.FileName
```

```
            tbFoundBarcodes.Text = ""
```

```
            imageContainer.Source = Nothing
```

```
            Try
```

```
                Dim bitmapImage = New BitmapImage()
```

```
                bitmapImage.BeginInit()
```

```
                bitmapImage.UriSource = New Uri(dlg.FileName, UriKind.Absolute)
```

```
                bitmapImage.EndInit()
```

```
                imageContainer.Source = bitmapImage
```

```
            Catch ex As Exception
```

```
            End Try
```

```
        End If
```

```
    End Sub
```

```
    Private Sub btnDecode_Click(sender As Object, e As System.Windows.RoutedEventArgs)
```

```
        ' Create barcode reader instance
```

```
        Dim reader = New Reader()
```

```
        reader.RegistrationName = "demo"
```

```
        reader.RegistrationKey = "demo"
```

```

' Specify barcode types to find
reader.BarcodeTypesToFind.All = True
' Select specific barcode types to speed up the decoding process and avoid false
'
' Show wait cursor
Mouse.OverrideCursor = Cursors.Wait

' -----
' NOTE: We can read barcodes from specific page to increase performance .
' For sample please refer to "Decoding barcodes from PDF by pages" program.
' -----

Try
    ' Search for barcodes
    reader.ReadFrom(tbFileName.Text)
Finally
    Mouse.OverrideCursor = Nothing
End Try

' Display found barcode information:

Dim stringBuilder = New StringBuilder()

For i As Integer = 0 To reader.FoundBarcodes.Length - 1
    Dim barcode = reader.FoundBarcodes(i)
    stringBuilder.AppendFormat("{0}) Type: {1}; Value: {2}.\\r\\n", i + 1, barcode.Type, barcode.Value)
Next

tbFoundBarcodes.Text = stringBuilder.ToString()

End Sub

End Class

```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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