

How to acquire image from scanner and decode with barcode reader sdk in VB.NET and ByteScout Barcode Suite

This code in VB.NET shows how to acquire image from scanner and decode with barcode reader sdk with this how to tutorial

Quickly learn how to acquire image from scanner and decode with barcode reader sdk in VB.NET with this sample source code. ByteScout Barcode Suite is the bundle that provides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reader SDK) and read and write spreadsheets (Spreadsheet SDK). It can acquire image from scanner and decode with barcode reader sdk in VB.NET.

This prolific sample source code in VB.NET for ByteScout Barcode Suite contains various functions and other necessary options you should do calling the API to acquire image from scanner and decode with barcode reader sdk. Simply copy and paste in your VB.NET project or application you and then run your app! This basic programming language sample code for VB.NET will do the whole work for you to acquire image from scanner and decode with barcode reader sdk.

You can download free trial version of ByteScout Barcode Suite from our website with this and other source code samples for VB.NET.

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Source Code Files:

```

Imports System.Text
Imports System.Windows.Forms
Imports Bytescout.BarCodeReader

' This example demonstrates camera image acquiring using Windows Image Acquisition (WIA)
' BarCode Reader SDK has builtin WIAImageScanner class for WIA.
' If you experienced issues with this example, please try another example located in /

NotInheritable Class Program
    Private Sub New()
    End Sub
    Friend Shared Sub Main()

        ' Use WIAImageScanner image acquisition module
        Dim wiaScanner As WIAImageScanner = New WIAImageScanner

        wiaScanner.OutputFileNameTemplate = "BarCodeReader-scanned"
        wiaScanner.OutputImageFormat = WiaImageFormatType.PNG
        wiaScanner.ImageQuality = WiaImageBias.MaximizeQuality
        wiaScanner.ImageIntent = WiaImageIntent.UnspecifiedIntent
        wiaScanner.ShowDeviceSelectionDialog = True

        Try
            ' Run Acquire and exit if canceled or zero images
            If Not wiaScanner.Acquire() Then
                Return
            End If

            Catch Ex As Exception
                Dim message As String = Ex.Message
                If Ex.InnerException IsNot Nothing Then
                    message = message & Environment.NewLine & Ex.InnerException.Message
                End If
                MessageBox.Show("Failed acquiring images:" & Environment.NewLine & Environment.NewLine & message)
                Return
            End Try

            ' Read barcode:
            Dim barcodeReader As New Reader()
            barcodeReader.RegistrationName = "demo"
            barcodeReader.RegistrationKey = "demo"

            ' Enable decoding of ALL known barcode types.
            barcodeReader.BarcodeTypesToFind.All = True
            ' To speed up the processing and avoid false positives select specific barcodes
            ' e.g. barcodeReader.BarcodeTypesToFind.PDF417 = True

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

            Dim barcodes As FoundBarcode() = barcodeReader.ReadFrom(wiaScanner.OutputFiles)

            If barcodes.Length > 0 Then

```

```
Dim builder As New StringBuilder()  
For Each barcode As FoundBarcode In barcodes  
    builder.AppendLine(String.Format("Found barcode of type '{0}' with value '{1}'  
Next  
MessageBox.Show(builder.ToString())  
Else  
    MessageBox.Show(wiaScanner.OutputFiles(0) & Environment.NewLine & "Could not find barcode")  
End If  
  
' Cleanup  
barcodeReader.Dispose()  
  
End Sub  
End Class
```

VIDEO

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

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