

barcode reading profiles in VB.NET with ByteScout BarCode Reader SDK

Write code in VB.NET to make barcode reading profiles with this How-To tutorial

Sample source codes below will show you how to cope with a difficult task, for example, barcode reading profiles in VB.NET. ByteScout BarCode Reader SDK helps with barcode reading profiles in VB.NET. ByteScout BarCode Reader SDK is the barcode decoder with support for code 39, code 128, QR Code, Datamatrix, GS1, PDF417 and all other popular barcodes. Can read barcodes from images, pdf, tiff documents and live web camera. Supports noisy and damaged documents, can split and merge pdf and tiff documents based on barcodes. Can export barcode decoder results to XML, JSON, CSV and into custom data structures.

The SDK samples like this one below explain how to quickly make your application do barcode reading profiles in VB.NET with the help of ByteScout BarCode Reader SDK. This VB.NET sample code should be copied and pasted into your application's code editor. Then just compile and run it to see how it works. Enjoy writing a code with ready-to-use sample VB.NET codes to add barcode reading profiles functions using ByteScout BarCode Reader SDK in VB.NET.

Trial version can be obtained from our website for free. It includes this and other source code samples for VB.NET.

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Source Code Files:

Program.vb

```
Imports Bytescout.BarCodeReader

' This example demonstrates the use of profiles. Profiles are set of properties
' allowing to apply them to Reader in any combination quickly. You can use
' predefined profiles or create you own in JSON format like in this example.

Class Program
    Friend Shared Sub Main(args As String())

        ' Create Bytescout.BarCodeReader.Reader instance
        Using reader As Reader = New Reader()

            reader.RegistrationName = "demo"
            reader.RegistrationKey = "demo"

            ' Apply predefined profiles:
            ' enable Code39;
            ' enable EAN-13;
            ' render PDF at 150 DPI resolution.
            reader.Profiles = "code39, ean13, pdf150dpi"

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

            ' Decode and show barcodes from sample1.pdf
            reader.ReadFrom("sample1.pdf")
            For Each foundBarcode As FoundBarcode In reader.FoundBarcodes
                Console.WriteLine("Found ""{0}"" barcode with value ""{1}""", foundBarcode)
            Next

        End Using

        Using reader As Reader = New Reader()

            reader.RegistrationName = "demo"
            reader.RegistrationKey = "demo"

            ' Load and apply custom profiles
            reader.LoadProfiles("profiles.json")
            reader.Profiles = "negative-distorted-datamatrix"

            ' Decode and show barcodes from sample2.png
            reader.ReadFrom("sample2.png")

            For Each foundBarcode As FoundBarcode In reader.FoundBarcodes
                Console.WriteLine("Found ""{0}"" barcode with value ""{1}""", foundBarcode)
            Next

        End Using
    End Sub
End Class
```

```
Console.WriteLine("Press any key to exit...")
Console.ReadKey()
```

```
End Sub
End Class
```

VIDEO

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

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