How to generate barcode in VB in ASP.NET with ByteScout Barcode SDK

This tutorial will show how to generate barcode in VB in ASP.NET

The sample source codes on this page shows how to generate barcode in VB in ASP.NET. ByteScout Barcode SDK can generate barcode in VB. It can be used from ASP.NET. ByteScout Barcode SDK is the robost library (Software Development Kit) that is designed for automatic generation of high-quality barcodes for printing, electronic documents and pdf. All popular barcode types are supported from Code 39 and Code 129 to QR Code, UPC, GS1, GS-128, Datamatrix, PDF417, Maxicode and many others. Provides support for full customization of fonts, colors, output and printing sizes. Special tools are included to verify output quality and printing quality. Can add generated barcode into new or existing documents, images and PDF.

The SDK samples like this one below explain how to quickly make your application do generate barcode in VB in ASP.NET with the help of ByteScout Barcode SDK. This ASP.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! You can use these ASP.NET sample examples in one or many applications.

Our website provides trial version of ByteScout Barcode SDK for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Barcode SDK

Explore API Documentation

Get Free Training for ByteScout Barcode SDK

Get Free API key for Web API

visit www.ByteScout.com

Source Code Files:

Default.aspx

Default.aspx.vb

```
Imports Bytescout.BarCode
Partial Class _Default
    Inherits System.Web.UI.Page

' IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:
' Temporary folder access is required for web application when you use ByteScout SI ' If you are getting errors related to the access to temporary folder like "Access ' SOLUTION:
' If your IIS Application Pool has "Load User Profile" option enabled the IIS prov' ' If you are running Web Application under an impersonated account or IIS_IUSRS grow' In this case
' - check the User or User Group your web application is running under
' - then add permissions for this User or User Group to read and write into that to ' - restart your web application and try again
Protected Sub form1_Load(ByVal sender As Object, ByVal e As System.EventArgs) Hand'
' Fill the datasource from DB
```

```
Dim ta As New AdventureWorksTableAdapters.vProductAndDescriptionTableAdapter()
                         Dim dt As New AdventureWorks.vProductAndDescriptionDataTable()
                         ta.Fill(dt)
                         ' Create and setup an instance of Bytescout Barcode SDK
                         Dim bc As New Barcode(SymbologyType.Code128)
                        bc.RegistrationName = "demo"
                         bc.RegistrationKey = "demo"
                         bc.DrawCaption = False
                         ' Update DataTable with barcode image
                         Dim row As AdventureWorks.vProductAndDescriptionRow
                         For Each row In dt.Rows
                                       ' Set the value to encode
                                     bc.Value = row.ProductID.ToString()
                                      'Generate the barcode image and store it into the Barcode Column
                                      row.Barcode = bc.GetImageBytesPNG()
                        Next
                         'Create Report Data Source
                         Dim rptDataSource As New Microsoft.Reporting.WebForms.ReportDataSource("Advention of the control of the control
                        Me.ReportViewer1.LocalReport.DataSources.Add(rptDataSource)
                        Me.ReportViewer1.LocalReport.ReportPath = Server.MapPath("BarcodeReport.rdlc")
                        Me.ReportViewer1.LocalReport.Refresh()
            End Sub
End Class
```

web.config

```
Visual Basic options:
    where data loss can occur.
<compilation debug="false" strict="false" explicit="true">
</compilation>
<pages>
    <clear />
    <add namespace="System" />
    <add namespace="System.Collections" />
    <add namespace="System.Collections.Generic" />
    <add namespace="System.Collections.Specialized" />
    <add namespace="System.Configuration" />
    <add namespace="System.Text" />
    <add namespace="System.Text.RegularExpressions" />
    <add namespace="System.Web" />
    <add namespace="System.Web.Caching" />
    <add namespace="System.Web.SessionState" />
    <add namespace="System.Web.Security" />
<add namespace="System.Web.Profile" />
    <add namespace="System.Web.UI" />
    <add namespace="System.Web.UI.WebControls" />
    <add namespace="System.Web.UI.WebControls.WebParts" />
    <add namespace="System.Web.UI.HtmlControls" />
  </namespaces>
</pages>
<authentication mode="Windows" />
    it enables developers to configure html error pages
    <error statusCode="404" redirect="FileNotFound.htm" />
</customErrors>
```

</system.web>

VIDEO

https://www.youtube.com/watch?v=REnj3A-oSPI

ON-PREMISE OFFLINE SDK

60 Day Free Trial or Visit ByteScout Barcode SDK Home Page Explore ByteScout Barcode SDK Documentation Explore Samples
Sign Up for ByteScout Barcode SDK Online Training

ON-DEMAND REST WEB API

Get Your API Key
Explore Web API Docs
Explore Web API Samples

visit www.ByteScout.com

visit www.PDF.co

www.bytescout.com