

How to generate barcode in VB non visual class with barcode SDK in ASP.NET VB using ByteScout Premium Suite

Learn to code in ASP.NET VB to generate barcode in VB non visual class with barcode SDK with this step-by-step tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can be applied to generate barcode in VB non visual class with barcode SDK using ASP.NET VB.

These ASP.NET VB code samples for ASP.NET VB guide developers to speed up coding of the application when using ByteScout Premium Suite. Just copy and paste the code into your ASP.NET VB application's code and follow the instructions. This basic programming language sample code for ASP.NET VB will do the whole work for you to generate barcode in VB non visual class with barcode SDK.

ByteScout provides the free trial version of ByteScout Premium Suite along with the documentation and source code samples.

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Source Code Files:

Default.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" Inherits="_Default" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
<title>Untitled Page</title>
</head>
<body>
<form id="form1" runat="server">
<div>

</div>
</form>
</body>
</html>
```

Default.aspx.vb

```
Imports System.Drawing.Imaging
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 Software
    ' If you are getting errors related to the access to temporary folder like "Access to the path is denied"
    ' SOLUTION:
    ' If your IIS Application Pool has "Load User Profile" option enabled the IIS process runs under the user profile
    ' If you are running Web Application under an impersonated account or IIS_IUSRS group
    ' 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 temporary folder
    ' - restart your web application and try again

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Page_Load
        ' Create new barcode
        Dim barcode As New Barcode()
```

```

' Set symbology
barcode.Symbology = SymbologyType.Code39
' Set value
barcode.Value = "Sample"

' Clear http output
Response.Clear()
' Set the content type to PNG
Response.ContentType = "image/png"
' Add content type header
Response.AddHeader("Content-Type", "image/png")
' Set the content disposition
Response.AddHeader("Content-Disposition", "inline;filename=result.png")

' Save image to output stream
barcode.SaveImage(Response.OutputStream, ImageFormat.Png)

' End response
Response.End()
End Sub
End Class

```

web.config

```

<?xml version="1.0"?>
<!--
  Note: As an alternative to hand editing this file you can use the
  web admin tool to configure settings for your application. Use
  the Website->ASP.NET Configuration option in Visual Studio.
  A full list of settings and comments can be found in
  machine.config.comments usually located in
  \Windows\Microsoft.Net\Framework\v2.x\Config
-->
<configuration>
  <appSettings/>
  <connectionStrings/>
  <system.web>
    <!--
      Set compilation debug="true" to insert debugging
      symbols into the compiled page. Because this
      affects performance, set this value to true only
      during development.

      Visual Basic options:
      Set strict="true" to disallow all data type conversions
      where data loss can occur.
      Set explicit="true" to force declaration of all variables.
    -->
    <compilation debug="false" strict="false" explicit="true">
      <assemblies>

```

```

        <add assembly="System.Windows.Forms, Version=2.0.0.0, C
        <add assembly="System.Design, Version=2.0.0.0, Culture=

    <pages>
        <namespaces>
            <clear/>
            <add namespace="System"/>
            <add namespace="System.Collections"/>
            <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>
    <!--
    The <authentication> section enables configuration
    of the security authentication mode used by
    ASP.NET to identify an incoming user.
-->
    <authentication mode="Windows"/>
    <!--
    The <customErrors> section enables configuration
    of what to do if/when an unhandled error occurs
    during the execution of a request. Specifically,
    it enables developers to configure html error pages
    to be displayed in place of a error stack trace.

    <customErrors mode="RemoteOnly" defaultRedirect="GenericErrorPage.htm">
        <error statusCode="403" redirect="NoAccess.htm" />
        <error statusCode="404" redirect="FileNotFound.htm" />
    </customErrors>
-->
</system.web>
</configuration>

```

VIDEO

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

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