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## How to generate barcode in webimage control in VB with barcode SDK in ASP.NET VB using ByteScout Barcode Suite

Learn to generate barcode in webimage control in VB with barcode SDK in ASP.NET VB

Generate barcode in webimage control in VB with barcode SDK is simple to apply in ASP.NET VB if you use these source codes below. 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 generate barcode in webimage control in VB with barcode SDK in ASP.NET VB.

The SDK samples given below describe how to quickly make your application do generate barcode in webimage control in VB with barcode SDK in ASP.NET VB with the help of ByteScout Barcode Suite. Just copy and paste the code into your ASP.NET VB application's code and follow the instructions. Applying ASP.NET VB application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

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

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

## Default.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="Default.aspx.vb" Inherits="Bytescout.BarCode" %>
<%@ Register Assembly="Bytescout.BarCode" Namespace="Bytescout.BarCode" TagPrefix="cc1" %>
<!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>BarcodeWebImage test page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <cc1:BarcodeWebImage ID="BarcodeWebImage1" runat="server" RenderingHint="System" SmoothingMode="Default" Value="DATA" ForeColor="Black" HorizontalAlignment="Center" Angle="Degrees0" CaptionPosition="Below" NarrowBarWidth="3" VerticalAlignment="Middle" AddChecksum="False" AddChecksumToCaption="False" AdditionalCaptionPosition="Bottom" AdditionalCaptionFont="Arial, 13pt" BackColor="White" BarHeight="50" Caption="Barcode" DrawCaption="True" WideToNarrowRatio="3" Symbology="Code128" AdditionalCaption="Data" />
            <br />
            <br />
            If you are using web control in new application you do need to modify the <strong><system.web</strong><br />
            file in your application's virtual directory (or C:\Inetpub\wwwroot if you don't have a separate application):<br />
            <br />
            For Visual Studio 2005 - 2010 insert the following lines into <strong><system.web</strong><br />
            section of <strong>Web.config</strong>:<br />
            <br />
            <div class="code">
                <span codelanguage="other"><em>
                    <br />
                    &lt;httpHandlers&gt;<br />
                    &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &lt;add verb="*" type="Bytescout.BarCode.BarcodeHandler, Bytescout.BarCode"/&gt;<br />
                    &lt;/httpHandlers&gt;</em><br />
                </span>
            </div>
            <br />
            For Visual Studio 2012 and later insert the following lines into <strong><system.web</strong><br />
            section of <strong>Web.config</strong>:<br />
            <br />
            <div class="code">
                <span codelanguage="other"><em>
                    <br />
                    &lt;httpHandlers&gt;<br />
                    &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &lt;add verb="*" type="Bytescout.BarCode.BarcodeHandler, Bytescout.BarCode"/&gt;<br />
                    &lt;/httpHandlers&gt;<br />
                    &lt;validation validateIntegratedModeConfiguration="false"/&gt;</em><br />
                </span>
            </div>
        </div>
    </form>
</body>
```

```
</html>
```

## Default.aspx.designer.vb

```
'-----  
' <auto-generated>  
'   This code was generated by a tool.  
'   Runtime Version:2.0.50727.7905  
'  
'   Changes to this file may cause incorrect behavior and will be lost if  
'   the code is regenerated.  
' </auto-generated>  
'-----  
  
Option Strict Off  
Option Explicit On  
  
  
'''<summary>  
'''_Default class.  
'''</summary>  
'''<remarks>  
'''Auto-generated class.  
'''</remarks>  
Partial Public Class _Default  
  
    '''<summary>  
    '''form1 control.  
    '''</summary>  
    '''<remarks>  
    '''Auto-generated field.  
    '''To modify move field declaration from designer file to code-behind file.  
    '''</remarks>  
    Protected WithEvents form1 As Global.System.Web.UI.HtmlControls.HtmlForm  
  
    '''<summary>  
    '''BarcodeWebImage1 control.  
    '''</summary>  
    '''<remarks>  
    '''Auto-generated field.  
    '''To modify move field declaration from designer file to code-behind file.  
    '''</remarks>  
    Protected WithEvents BarcodeWebImage1 As Global.Bytescout.BarCode.BarcodeWebImage  
End Class
```

## Default.aspx.vb

```
Partial Public 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 SDK
    ' If you are getting errors related to the access to temporary folder like "Access to the path ...
    ' SOLUTION:
    ' If your IIS Application Pool has "Load User Profile" option enabled the IIS provider ...
    ' 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 ...
    ' - restart your web application and try again

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
        ' ...
    End Sub

End Class
```

## Web.config

```
<?xml version="1.0"?>
<configuration>

    <appSettings/>
    <connectionStrings/>

    <system.web>
        <httpHandlers>
            <add verb="*" path="BarcodeHandler.aspx" type="Bytescout.BarCode.BarcodeHandler, Bytescout.BarCode, Version=1.0.0.0, Culture=neutral, PublicKeyToken=89845dcd8080cc91" />
        </httpHandlers>

        <!--
            Set compilation debug="true" to insert debugging
            symbols into the compiled page. Because this
            affects performance, set this value to true only
            during development.
        -->
    </system.web>
</configuration>
```

```
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="true" strict="false" explicit="true">  
    <assemblies>  
        <add assembly="System.Windows.Forms, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089"/>  
        <add assembly="System.Design, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089"/>  
    </assemblies>  
</compilation>  
<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="NotFound.htm" />  
</customErrors>  
-->  
</system.web>  
<system.webServer>  
  
    <handlers>  
        <add name="BarcodeHandler" verb="*" path="BarcodeHandler.aspx" type="BytesController, MyAssembly"/>  
    </handlers>  
    <validation validateIntegratedModeConfiguration="false"/>  
  
</system.webServer>  
</configuration>
```



---

## VIDEO

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

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