

## How to read barcode in ASP.NET VB with ByteScout BarCode Reader SDK

The tutorial shows how to read barcode in ASP.NET VB

These sample source codes on this page below are demonstrating how to read barcode in ASP.NET VB. Want to read barcode in your ASP.NET VB app? ByteScout BarCode Reader SDK is designed for it. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format.

This code snippet below for ByteScout BarCode Reader SDK works best when you need to quickly read barcode in your ASP.NET VB application. Just copy and paste the code into your ASP.NET VB application's code and follow the instruction. You can use these ASP.NET VB sample examples in one or many applications.

Trial version of ByteScout BarCode Reader SDK can be downloaded for free from our website. It also includes source code samples for ASP.NET VB and other programming languages.

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="..." %>
<!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>Simple Web Barcode Reader Tester (VB)</title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <div>
        <div>
          <br />
          <asp:ListBox ID="ListBox1" runat="server"></asp:ListBox><br />
          <br />
          <asp:Image ID="Image1" runat="server" />&nbsp;  </div>
        </div>
      </div>
    </div>
  </form>
</body>
</html>
```

## Default.aspx.designer.vb

```
'-----
' <auto-generated>
'   This code was generated by a tool.
'   Runtime Version:2.0.50727.3053
'
'   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>
    '''ListBox1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents ListBox1 As Global.System.Web.UI.WebControls.ListBox

    '''<summary>
    '''Image1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents Image1 As Global.System.Web.UI.WebControls.Image
End Class

```

Default.aspx.vb

```

Imports Bytescout.BarCodeReader

Partial Public Class _Default
    Inherits Page

    ' IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

    ' Temporary folder access is required for web application when you use ByteScout S
    ' 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

```

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' 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 target
' - restart your web application and try again

Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load
    Image1.ImageUrl = "BarcodePhoto.jpg"

    Dim reader As New Reader()

    ' Limit search to 1D barcodes only (exclude 2D barcodes to speed up the search)
    ' Change to reader.BarcodeTypesToFind.SetAll() to scan for all supported types
    ' or select specific type, e.g. reader.BarcodeTypesToFind.PDF417 = True
    reader.BarcodeTypesToFind.SetAll1D()

    'reader.MediumTrustLevelCompatible = true ' uncomment this line to enable Medium Trust

    reader.ReadFromFile(Server.MapPath("BarcodePhoto.jpg"))

    For Each barcode As FoundBarcode In reader.FoundBarcodes
        ListBox1.Items.Add([String].Format("{0} : {1}", barcode.Type, barcode.Value))
    Next

End Sub

End Class

```

## Web.config

```

<?xml version="1.0"?>

<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="true" strict="false" explicit="true" />
<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=EARSPIJIMU>

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