

## How to read barcode with barcode reader sdk in ASP.NET VB with ByteScout Data Extraction Suite

How to write a robust code in ASP.NET VB to read barcode with barcode reader sdk with this step-by-step tutorial

The code displayed below will guide you to install an ASP.NET VB app to read barcode with barcode reader sdk. Want to read barcode with barcode reader sdk in your ASP.NET VB app? ByteScout Data Extraction Suite is designed for it. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

The SDK samples given below describe how to quickly make your application do read barcode with barcode reader sdk in ASP.NET VB with the help of ByteScout Data Extraction Suite. Follow the instructions from scratch to work and copy the ASP.NET VB code. If you want to use these ASP.NET VB sample examples in one or many applications then they can be used easily.

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

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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>
    </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
    ' If you are running Web Application under an impersonated account or IIS_IUSRS gr
    ' 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 folder
' - 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>
```

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VIDEO

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

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