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How to read barcode with barcode reader sdk in ASP.NET VB and ByteScout Premium Suite

If you want to learn more then this tutorial will show how to read barcode with barcode reader sdk in ASP.NET VB

The code displayed below will guide you to install an ASP.NET VB app to read barcode with barcode reader sdk. ByteScout Premium Suite: the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can read barcode with barcode reader sdk in 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. IF you want to implement the functionality, just copy and paste this code for ASP.NET VB below into your code editor with your app, compile and run your application. This basic programming language sample code for ASP.NET VB will do the whole work for you to read barcode with barcode reader sdk.

ByteScout provides the free trial version of ByteScout Premium Suite along with the 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="Simple.Web.Barcode.ReaderTester" %>

<!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>
                <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 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 table
' - 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="NotFound.htm" />
</customErrors>
<!-->
</system.web>
</configuration>

```

VIDEO

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

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