How to read barcodes from pdf with barcode reader sdk in ASP.NET VB using ByteScout Premium Suite

Learning is essential in computer world and the tutorial below will demonstrate how to read barcodes from pdf with barcode reader sdk in ASP.NET VB

On this page you will learn from code samples for programming in ASP.NET VB.Writing of the code to read barcodes from pdf with barcode reader sdk in ASP.NET VB can be executed by programmers of any level using ByteScout Premium Suite. ByteScout Premium Suite: the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can read barcodes from pdf with barcode reader sdk in ASP.NET VB.

This prolific sample source code in ASP.NET VB for ByteScout Premium Suite contains various functions and other necessary options you should do calling the API to read barcodes from pdf with barcode reader sdk. Just copy and paste the code into your ASP.NET VB application's code and follow the instructions. Use of ByteScout Premium Suite in ASP.NET VB is also described in the documentation included along with the product.

You can download free trial version of ByteScout Premium Suite from our website to see and try many others source code samples for ASP.NET VB.

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Source Code Files:

Default.aspx

```aspx
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="We

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xh

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Web Barcode Reader Tester (C#)</title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        Click browse button to upload a PDF document<br />
        <asp:FileUpload ID="FileUpload1" runat="server" /><br />
        <br />
        <asp:Button id="UploadButton"
            Text="Upload file"
            OnClick="UploadButton_Click"
            runat="server">
     </asp:Button>
     <br />
    <br />
     <asp:Label id="UploadStatusLabel" Text="" runat="server"></asp:Label>
     <br />
     <asp:ListBox ID="ListBox1" runat="server" Visible="False"></asp:ListBox><br />
     <br />
     </div>
    </form>
</body>
</html>
```

Default.aspx.designer.vb

```vb
'------------------------------------------------------------------------------
' <auto-generated>
'     This code was generated by a tool.
'     Runtime Version:2.0.50727.4927
'
'     Changes to this file may cause incorrect behavior and will be lost if
'     the code is regenerated.
' </auto-generated>
'------------------------------------------------------------------------------
```

```vbnet
''' <summary>
''' _Default class.
''' </summary>
''' <remarks>
''' Auto-generated class.
''' </remarks>
Public Partial Class _Default

        ''' <summary>
        ''' form1 control.
        ''' </summary>
        ''' <remarks>
        ''' Auto-generated field.
        ''' To modify move field declaration from designer file to code-behind file.
        ''' </remarks>
        Protected form1 As Global.System.Web.UI.HtmlControls.HtmlForm

        ''' <summary>
        ''' FileUpload1 control.
        ''' </summary>
        ''' <remarks>
        ''' Auto-generated field.
        ''' To modify move field declaration from designer file to code-behind file.
        ''' </remarks>
        Protected FileUpload1 As Global.System.Web.UI.WebControls.FileUpload

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

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

        ''' <summary>
        ''' ListBox1 control.
        ''' </summary>
        ''' <remarks>
        ''' Auto-generated field.
        ''' To modify move field declaration from designer file to code-behind file.
        ''' </remarks>
        Protected ListBox1 As Global.System.Web.UI.WebControls.ListBox
End Class
```

Default.aspx.vb

```vb
Imports Bytescout.BarCodeReader


Public Partial Class _Default
    Inherits Web.UI.Page

    ' IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

    ' Temporary folder access is required for web application when you use ByteScout SD
    ' 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 t
    ' - restart your web application and try again

    Protected Sub UploadButton_Click(ByVal sender As Object, ByVal e As EventArgs)
        Dim savePath As String = "\uploads\"

        If FileUpload1.HasFile Then
            Dim fileName As [String] = FileUpload1.FileName
            savePath += fileName
            FileUpload1.SaveAs(Server.MapPath(savePath))

            Dim barcodeReader As New Reader()

            ' Limit search to 1D barcodes only (exclude 2D barcodes to speed up the se
                ' Change to barcodeReader.BarcodeTypesToFind.SetAll() to scan
                ' or select specific type, e.g. barcodeReader.BarcodeTypesToFi
                barcodeReader.BarcodeTypesToFind.SetAll1D()

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

            UploadStatusLabel.Visible = False
            ListBox1.Items.Clear()
            ListBox1.Visible = True

            ListBox1.Items.Add("Reading barcode(s) from PDF file """ + fileName + """"

            Dim barcodes As FoundBarcode() = barcodeReader.ReadFrom(Server.MapPath(save

            If barcodes.Length = 0 Then
                ListBox1.Items.Add("No barcodes found")
            Else
                For Each barcode As FoundBarcode In barcodes
                    ListBox1.Items.Add(String.Format("Found barcode with type '{0}' an
                Next
            End If
```

```
        Else
            ' Notify the user that a file was not uploaded.
            UploadStatusLabel.Text = "You did not specify a file to upload."
        End If
    End Sub
End Class
```

Web.config

```xml
<?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.
        -->
                <compilation debug="true" targetFramework="4.0"/>
                <!--
            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>
        -->
                <pages controlRenderingCompatibilityVersion="3.5" clientIDMode="AutoID"
</configuration>
```

VIDEO

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

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