

How to read barcodes from pdf 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 barcodes from pdf with barcode reader sdk with this step-by-step tutorial

The sample source codes on this page shows how to read barcodes from pdf with barcode reader sdk in ASP.NET VB. 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. 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 Data Extraction Suite contains various functions and other necessary options you should do calling the API to read barcodes from pdf with barcode reader sdk. Simply copy and paste in your ASP.NET VB project or application you and then run your app! Enjoy writing a code with ready-to-use sample codes in ASP.NET VB.

You can download free trial version of ByteScout Data Extraction Suite from our website with this and other source code samples for ASP.NET VB.

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Source Code Files:

Default.aspx

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

<!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>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 />
            <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

```
'-----
' <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>
'-----

''' <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

```

```
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 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 gro
```

```
    ' 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 te
```

```
    ' - 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 t
```

```
        ' or select specific type, e.g. barcodeReader.BarcodeTypesToFind
```

```
        barcodeReader.BarcodeTypesToFind.SetAll1D()
```

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

```
        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}' and
```

```
            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 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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