# How to decode page by page from pdf or tiff with barcode reader sdk in ASP.NET VB with ByteScout Premium Suite

How to write a robust code in ASP.NET VB to decode page by page from pdf or tiff with barcode reader sdk with this step-by-step tutorial

The documentation is designed for a specific purpose to help you to apply the features on your side. What is ByteScout Premium Suite? It is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can help you to decode page by page from pdf or tiff with barcode reader sdk in your ASP.NET VB application.

Want to quickly learn? This fast application programming interfaces of ByteScout Premium Suite for ASP.NET VB plus the guidelines and the code below will help you quickly learn how to decode page by page from pdf or tiff with barcode reader sdk. Just copy and paste the code into your ASP.NET VB application's code and follow the instructions. This basic programming language sample code for ASP.NET VB will do the whole work for you to decode page by page from pdf or tiff with barcode reader sdk.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Premium Suite

Explore API Documentation

Get Free Training for ByteScout Premium Suite

Get Free API key for Web API

visit www.ByteScout.com

# 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/TIFF document<br />
            <asp:FileUpload ID="FileUpload1" runat="server" /><br />
            <br />
            Page No. to read barcode from:
        <asp:TextBox ID="txtPageNo" Text="1" runat="server"></asp:TextBox>
            <br />
            <br />
            <asp:Button ID="UploadButton"
                Text="Upload file and read barcodes"
                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.
'
'     Changes to this file may cause incorrect behavior and will be lost if
'     the code is regenerated.
' </auto-generated>
'------------------------------------------------------------------------------

Option Strict On
Option Explicit On
```

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

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

    '''<summary>
    '''UploadButton control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents 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 WithEvents 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 WithEvents 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 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 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

            ' Page No to read
            Dim PageNoToRead As Integer = Convert.ToInt32(txtPageNo.Text)

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

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

            ' Reading barcode from document on page-by-page basic
            Dim barcodes As FoundBarcode() = barcodeReader.ReadFrom(Server.MapPath(save
```

```vbnet
            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 - Type: '{0}', Valu
                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>
    <httpRuntime maxRequestLength="1048576" />

    <!--
        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

ON-PREMISE OFFLINE SDK

60 Day Free Trial or Visit ByteScout Premium Suite Home Page
Explore ByteScout Premium Suite Documentation
Explore Samples
Sign Up for ByteScout Premium Suite Online Training

ON-DEMAND REST WEB API

Get Your API Key
Explore Web API Docs
Explore Web API Samples

visit www.ByteScout.com

visit www.PDF.co