How to decode page by page from PDF OR TIFF in ASP.NET VB using ByteScout BarCode Reader SDK

How to code in ASP.NET VB to decode page by page from PDF OR TIFF with this step-by-step tutorial

The sample shows steps and algorithm of how to decode page by page from PDF OR TIFF and how to make it work in your ASP.NET VB application. ByteScout BarCode Reader SDK is the barcode decoder with support for code 39, code 128, QR Code, Datamatrix, GS1, PDF417 and all other popular barcodes. Can read barcodes from images, pdf, tiff documents and live web camera. Supports noisy and damaged documents, can split and merge pdf and tiff documents based on barcodes. Can export barcode decoder results to XML, JSON, CSV and into custom data structures. It can decode page by page from PDF OR TIFF in ASP.NET VB.

This code snippet below for ByteScout BarCode Reader SDK works best when you need to quickly decode page by page from PDF OR TIFF in your ASP.NET VB application. In order to implement the functionality, you should copy and paste this code for ASP.NET VB below into your code editor with your app, compile and run your application. Enjoy writing a code with ready-to-use sample codes in ASP.NET VB.

Trial version of ByteScout BarCode Reader SDK is available for free. Source code samples are included to help you with your ASP.NET VB app.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout BarCode Reader SDK

Explore API Documentation

Get Free Training for ByteScout BarCode Reader SDK

Get Free API key for Web API

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Source Code Files:

Default.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

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

```vbnet
Option Strict On
Option Explicit On


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

```vbnet
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

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

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

```vbnet
            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

            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=EARSPJFIJMU

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