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## How to split pdf by barcode with barcode reader sdk in ASP.NET C# and ByteScout Barcode Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to split pdf by barcode with barcode reader sdk in ASP.NET C#

Every ByteScout tool includes simple example ASP.NET C# source codes that you can get here or in the folder with installed ByteScout product. ByteScout Barcode Suite is the bundle that provides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reader SDK) and read and write spreadsheets (Spreadsheet SDK). It can be applied to split pdf by barcode with barcode reader sdk using ASP.NET C#.

Want to save time? You will save a lot of time on writing and testing code as you may just take the ASP.NET C# code from ByteScout Barcode Suite for split pdf by barcode with barcode reader sdk below and use it in your application. This ASP.NET C# sample code is all you need for your app. Just copy and paste the code, add references (if needed) and you are all set! Use of ByteScout Barcode Suite in ASP.NET C# is also described in the documentation included along with the product.

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:

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Source Code Files:

## Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="WebTestSharp.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 with a barcode inside so this PDF
            Choose sample "barcodes.pdf" file:
            <br />
            <asp:Label ID="LabelInputFile" runat="server" Text="LabelInputFile"></asp:Label>
            <asp:FileUpload ID="FileUpload1" runat="server" /><br />
            <br />
            <asp:Button id="UploadButton"
                Text="Upload And Split 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.cs

```
using System;
using System.IO;
using Bytescout.BarCodeReader;

namespace WebTestSharp
{
    /*
     * 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
```

## 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 temp
- restart your web application and try again

\*/

```
public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        LabelInputFile.Text = MapPath("barcodes.pdf");
    }

    protected void UploadButton_Click(object sender, EventArgs e)
    {
        String savePath = @"\uploads\";

        if (FileUpload1.HasFile)
        {
            String fileName = FileUpload1.FileName;
            fileName = savePath + fileName;
            // remove if already exists
            if (File.Exists(fileName))
                File.Delete(fileName);

            FileUpload1.SaveAs(Server.MapPath(fileName));

            Reader barcodeReader = new Reader();

            // Limit search to 1D barcodes only (exclude 2D barcodes)
            // Change to barcodeReader.BarcodeTypesToFind.SetAll()
            // or select specific type, e.g. barcodeReader.BarcodeTypesToFind.SetAll1D();

            // reader.MediumTrustLevelCompatible = true; // uncomment if needed
            UploadStatusLabel.Visible = false;

            ListBox1.Items.Clear();
            ListBox1.Visible = true;
            ListBox1.Items.Add("Searching for barcode(s) from PDF file");

            FoundBarcode[] barcodes = barcodeReader.ReadFrom(Server.MapPath(fileName));

            if (barcodes.Length == 0)
            {
                ListBox1.Items.Add("No barcodes found");
            }
            else
            {
                // saving filename of the pdf file
                string lastFilename = fileName;
            }
        }
    }
}
```

```

        int partIndex = 0;

                foreach (FoundBarcode barcode in barcodes)
                {
                    // Split PDF document in two parts by found barcode
                    partIndex++;
                    barcodeReader.SplitDocument(
                        Server.MapPath(lastfilename),
                        Server.MapPath(savePath + "part-" + partIndex + ".pdf"),
                        Server.MapPath(savePath + "part-last.pdf"),
                        barcode.Page + 1);

                    ListBox1.Items.Add(String.Format("Splitting " + fileName + " f"));
                    ListBox1.Items.Add("Saved:" + savePath + "part-" + partIndex + ".pdf");

                    lastfilename = savePath + "part-last.pdf";
                }
            }
        }
    }
}

```

## Default.aspx.designer.cs

```

//-----
// <auto-generated>
//   This code was generated by a tool.
//   Runtime Version:2.0.50727.8009
//
//   Changes to this file may cause incorrect behavior and will be lost if
//   the code is regenerated.
// </auto-generated>
//-----

namespace WebTestSharp {

    /// <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 global::System.Web.UI.HtmlControls.HtmlForm form1;

    /// <summary>
    /// LabelInputFile control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.WebControls.Label LabelInputFile;

    /// <summary>
    /// FileUpload1 control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.WebControls.FileUpload FileUpload1;

    /// <summary>
    /// UploadButton control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.WebControls.Button UploadButton;

    /// <summary>
    /// UploadStatusLabel control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.WebControls.Label UploadStatusLabel;

    /// <summary>
    /// ListBox1 control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.WebControls.ListBox ListBox1;
}

}
```

## 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" />
        <!--
            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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