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## How to read barcodes from pdf with barcode reader sdk in ASP.NET C# and ByteScout Data Extraction Suite

How to write a robust code in ASP.NET C# to read barcodes from pdf with barcode reader sdk with this step-by-step tutorial

These sample source codes on this page below are displaying how to read barcodes from pdf with barcode reader sdk in ASP.NET C#. ByteScout Data Extraction Suite can read barcodes from pdf with barcode reader sdk. It can be applied from ASP.NET C#. ByteScout Data Extraction Suite is the bundle that includes three SDK tools for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

Want to quickly learn? This fast application programming interfaces of ByteScout Data Extraction Suite for ASP.NET C# plus the guidelines and the code below will help you quickly learn how to read barcodes from pdf with barcode reader sdk. This ASP.NET C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Use of ByteScout Data Extraction Suite in ASP.NET C# is also described in the documentation included along with the product.

ByteScout Data Extraction Suite free trial version is available on our website. ASP.NET C# and other programming languages are supported.

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="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 />
            <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.cs

```
using System;
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 the
     temporary folder is denied" or "The process cannot find the specified file", please
     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 temporary folder
- restart your web application and try again

\*/

```
public partial class _Default : System.Web.UI.Page
{
    protected void UploadButton_Click(object sender, EventArgs e)
    {
        String savePath = @"\uploads\";

        if (FileUpload1.HasFile)
        {
            String fileName = FileUpload1.FileName;
            savePath += fileName;
            FileUpload1.SaveAs(Server.MapPath(savePath));

            Reader barcodeReader = new Reader();

            // Limit search to 1D barcodes only (exclude 2D barcode)
            // 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("Reading barcode(s) from PDF file \\" + savePath);

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

            if (barcodes.Length == 0)
            {
                ListBox1.Items.Add("No barcodes found");
            }
            else
            {
                foreach (FoundBarcode barcode in barcodes)
                {
                    ListBox1.Items.Add(String.Format("Found barcode with type '{0}'\n", barcode.Type));
                }
            }
            else
            {
                // Notify the user that a file was not uploaded.
                UploadStatusLabel.Text = "You did not specify a file to upload";
            }
        }
    }
}
```

## Default.aspx.designer.cs

```
//-----
// <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>
//-----

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>
        /// 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="FileNotFoundException.htm" />
</customErrors>
-->
</system.web>
</configuration>
```

---

## VIDEO

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

## ON-PREMISE OFFLINE SDK

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