

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

Learn to code in ASP.NET MVC C# to read barcodes from pdf with barcode reader sdk with this step-by-step tutorial

ByteScout simple and easy to understand tutorials are planned to describe the code for both ASP.NET MVC C# beginners and advanced programmers. 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 read barcodes from pdf with barcode reader sdk in your ASP.NET MVC C# application.

The following code snippet for ByteScout Premium Suite works best when you need to quickly read barcodes from pdf with barcode reader sdk in your ASP.NET MVC C# application. Just copy and paste the code into your ASP.NET MVC C# application's code and follow the instructions. This basic programming language sample code for ASP.NET MVC C# will do the whole work for you to read barcodes from pdf with barcode reader sdk.

Our website gives trial version of ByteScout Premium Suite for free. It also includes documentation and source code samples.

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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.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 path 'C:\Users\user\AppData\Local\Temp\...' is denied."
    SOLUTION:
```

If your IIS Application Pool has "Load User Profile" option enabled the IIS provide

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 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 barcodes)
            // Change to barcodeReader.BarcodeTypesToFind.SetAll()
            // or select specific type, e.g. barcodeReader.BarcodeTypesToFind.SetAll1D();
            barcodeReader.BarcodeTypesToFind.SetAll1D();

            // reader.MediumTrustLevelCompatible = true; // uncomment
            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}' and value '{1}'", barcode.Type, barcode.Value));
                }
            }
        }
        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="FileNotFound.htm" />
</customErrors>
-->
</system.web>
</configuration>
```

VIDEO

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

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