

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

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

The sample source codes on this page shows how to read barcode with barcode reader sdk in ASP.NET C#. ByteScout Data Extraction Suite: 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. It can read barcode with barcode reader sdk in ASP.NET C#.

This prolific sample source code in ASP.NET C# for ByteScout Data Extraction Suite contains various functions and other necessary options you should do calling the API to read barcode with barcode reader sdk. Simply copy and paste in your ASP.NET C# project or application you and then run your app! Enjoy writing a code with ready-to-use sample ASP.NET C# codes.

Trial version of ByteScout Data Extraction Suite is available for free. Source code samples are included to help you with your ASP.NET C# app.

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Source Code Files:

## Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="S
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xl

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
  <title>Simple Web Barcode Reader Tester (C#)</title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <div>
        <br />
        <asp:ListBox ID="ListBox1" runat="server"></asp:ListBox><br />
        <br />
        <asp:Image ID="Image1" runat="server" />&nbsp;</div>

      </div>
    </form>
  </body>
</html>
```

## Default.aspx.cs

```
using System;
using Bytescout.BarCodeReader;

namespace SimpleWebTestSharp
{
    public partial class _Default : System.Web.UI.Page
    {
        /*
        IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

        Temporary folder access is required for web application when you use ByteScout
        If you are getting errors related to the access to temporary folder like "Acces

        SOLUTION:

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

        If you are running Web Application under an impersonated account or IIS_IUSRS g

        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
```

- restart your web application and try again

\*/

```
protected void Page_Load(object sender, EventArgs e)
{
    Image1.ImageUrl = "BarcodePhoto.jpg";

    Reader reader = new Reader();

    // Limit search to 1D barcodes only (exclude 2D barcodes to speed up)
    // Change to reader.BarcodeTypesToFind.SetAll() to scan for all types
    // or select specific type, e.g. reader.BarcodeTypesToFind.PDF417
    reader.BarcodeTypesToFind.SetAll1D();

    // reader.MediumTrustLevelCompatible = true; // uncomment this if needed

    reader.ReadFromFile(Server.MapPath("BarcodePhoto.jpg"));

    foreach (FoundBarcode barcode in reader.FoundBarcodes)
    {
        ListBox1.Items.Add(String.Format("{0} : {1}", barcode.Type, barcode.Value));
    }
}
}
```

Default.aspx.designer.cs

```
//-----
// <auto-generated>
// This code was generated by a tool.
// Runtime Version:2.0.50727.3053
//
// Changes to this file may cause incorrect behavior and will be lost if
// the code is regenerated.
// </auto-generated>
//-----

namespace SimpleWebTestSharp {

    /// <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>
    /// 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;

    /// <summary>
    /// Image1 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.Image Image1;
}
}

```

## 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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