

How to read barcode with barcode reader sdk in ASP.NET C# using ByteScout Barcode Suite

Learn to read barcode with barcode reader sdk in ASP.NET C#

An easy to understand sample source code to learn how to read barcode with barcode reader sdk in ASP.NET C# What is ByteScout Barcode Suite? It 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 help you to read barcode with barcode reader sdk in your ASP.NET C# application.

The following code snippet for ByteScout Barcode Suite works best when you need to quickly read barcode with barcode reader sdk in your ASP.NET C# application. If you want to implement the functionality, just copy and paste this code for ASP.NET C# below into your code editor with your app, compile and run your application. Complete and detailed tutorials and documentation are available along with installed ByteScout Barcode Suite if you'd like to learn more about the topic and the details of the API.

If you want to try other source code samples then the free trial version of ByteScout Barcode Suite is available for download from our website. Just try other source code samples for ASP.NET C#.

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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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