

How to read barcode in ASP.NET MVC C# with ByteScout BarCode Reader SDK

If you want to learn more then this tutorial will show how to read barcode in ASP.NET MVC C#

The code displayed below will guide you to install an ASP.NET MVC C# app to read barcode. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format. It can be applied to read barcode using ASP.NET MVC 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 MVC C# code from ByteScout BarCode Reader SDK for read barcode below and use it in your application. IF you want to implement the functionality, just copy and paste this code for ASP.NET MVC C# below into your code editor with your app, compile and run your application. This basic programming language sample code for ASP.NET MVC C# will do the whole work for you to read barcode.

Trial version of ByteScout BarCode Reader SDK is available for free. Source code samples are included to help you with your ASP.NET MVC C# app.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout BarCode Reader SDK](#)

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Source Code Files:

Global.asax.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace ReadBarcodes
{
    public class MvcApplication : System.Web.HttpApplication
    {
        protected void Application_Start()
        {
            AreaRegistration.RegisterAllAreas();
            RouteConfig.RegisterRoutes(RouteTable.Routes);
        }
    }
}
```

ReadBarcodes.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.27703.2026
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "ReadBarcodes", "ReadBarcodes.csproj"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
```

```
SolutionGuid = {2FC0C618-FDEE-49FB-8B9F-7C64EDF960C5}
EndGlobalSection
EndGlobal
```

Web.Debug.config

```
<?xml version="1.0" encoding="utf-8"?>

<!-- For more information on using web.config transformation visit https://go.microsoft.com/fwlink/?LinkId=290891 -->

<configuration xmlns:xdt="http://schemas.microsoft.com/XML-Document-Transform">
  <!--
  In the example below, the "SetAttributes" transform will change the value of
  "connectionString" to use "ReleaseSqlServer" only when the "Match" locator
  finds an attribute "name" that has a value of "MyDB".

  <connectionStrings>
    <add name="MyDB"
        connectionString="Data Source=ReleaseSqlServer;Initial Catalog=MyReleaseDB;Int
        xdt:Transform="SetAttributes" xdt:Locator="Match(name)"/>
    </connectionStrings>
  -->
  <system.web>
    <!--
    In the example below, the "Replace" transform will replace the entire
    <customErrors> section of your web.config file.
    Note that because there is only one customErrors section under the
    <system.web> node, there is no need to use the "xdt:Locator" attribute.

    <customErrors defaultRedirect="GenericError.htm"
        mode="RemoteOnly" xdt:Transform="Replace">
      <error statusCode="500" redirect="InternalError.htm"/>
    </customErrors>
  -->
  </system.web>
</configuration>
```

Web.Release.config

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<!-- For more information on using web.config transformation visit https://go.microsoft
<configuration xmlns:xdt="http://schemas.microsoft.com/XML-Document-Transform">
  <!--
  In the example below, the "SetAttributes" transform will change the value of
  "connectionString" to use "ReleaseSQLServer" only when the "Match" locator
  finds an attribute "name" that has a value of "MyDB".

  <connectionStrings>
    <add name="MyDB"
      connectionString="Data Source=ReleaseSQLServer;Initial Catalog=MyReleaseDB;Inte
      xdt:Transform="SetAttributes" xdt:Locator="Match(name)"/>
    </connectionStrings>
  -->
  <system.web>
    <compilation xdt:Transform="RemoveAttributes(debug)" />
    <!--
    In the example below, the "Replace" transform will replace the entire
    <customErrors> section of your web.config file.
    Note that because there is only one customErrors section under the
    <system.web> node, there is no need to use the "xdt:Locator" attribute.

    <customErrors defaultRedirect="GenericError.htm"
      mode="RemoteOnly" xdt:Transform="Replace">
      <error statusCode="500" redirect="InternalError.htm"/>
    </customErrors>
  -->
  </system.web>
</configuration>

```

Web.config

```

<?xml version="1.0" encoding="utf-8"?>
<!--
For more information on how to configure your ASP.NET application, please visit
https://go.microsoft.com/fwlink/?LinkId=301880
-->
<configuration>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0"/>
    <add key="webpages:Enabled" value="false"/>
    <add key="ClientValidationEnabled" value="true"/>
    <add key="UnobtrusiveJavaScriptEnabled" value="true"/>
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.5.2"/>
    <httpRuntime maxRequestLength="1048576" targetFramework="4.5.2"/>
  </system.web>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
      <dependentAssembly>

```

```

    <assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />
    <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
  </dependentAssembly>
  <dependentAssembly>
    <assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />
    <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
  </dependentAssembly>
  <dependentAssembly>
    <assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />
    <bindingRedirect oldVersion="1.0.0.0-5.2.4.0" newVersion="5.2.4.0" />
  </dependentAssembly>
</assemblyBinding>
</runtime>
</configuration>

```

packages.config

```

<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Microsoft.AspNet.Mvc" version="5.2.4" targetFramework="net452" />
  <package id="Microsoft.AspNet.Razor" version="3.2.4" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebPages" version="3.2.4" targetFramework="net452" />
  <package id="Microsoft.Net.Compilers" version="2.6.1" targetFramework="net452" develop="true" />
  <package id="Microsoft.Web.Infrastructure" version="1.0.0.0" targetFramework="net452" />
</packages>

```

VIDEO

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

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