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

Learn to code in ASP.NET MVC C# to read barcode from uploaded file with this step-by-step tutorial

An easy to understand guide on how to read barcode from uploaded file in ASP.NET MVC C# with this source code sample. 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 and you can use it to read barcode from uploaded file with ASP.NET MVC C#.

These ASP.NET MVC C# code samples for ASP.NET MVC C# guide developers to speed up coding of the application when using ByteScout BarCode Reader SDK. This ASP.NET MVC 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! Check ASP.NET MVC C# sample code samples to see if they respond to your needs and requirements for the project.

Our website gives trial version of ByteScout BarCode Reader SDK for free. It also includes documentation and source code samples.

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

ReadBarcoces.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}") = "ReadBarcoces", "ReadBarcoces.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
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Debug|Any CPU.Build.0 = Debug|Any
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Release|Any CPU.ActiveCfg = Release
        {C86AB214-9B74-4BFA-855C-78C05B02FAE9}.Release|Any CPU.Build.0 = Release
    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=218073 -->
<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;Integrated Security=True"
            xdt:Transform="SetAttributes" xdt:Locator="Match(name)"/>
    </connectionStrings>
    <!--
        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.
    -->
    <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.com/fwlink/?LinkId=212371 -->
<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;Integrated Security=True" 
            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="bootstrap" version="3.0.0" targetFramework="net452" />
  <package id="jQuery" version="1.10.2" targetFramework="net452" />
  <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" />
  <package id="Modernizr" version="2.6.2" targetFramework="net452" />
</packages>
```

VIDEO

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

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