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How to batch read barcodes to CSV in ASP.NET MVC C# using ByteScout BarCode Reader SDK

Step-by-step tutorial on how to batch read barcodes to CSV in ASP.NET MVC C#

Sample source code below will display you how to manage a complex task like batch read barcodes to CSV in ASP.NET MVC C#. ByteScout BarCode Reader SDK: the SDK for barcode decoding. Can read all popular types from Code 128, GS1, UPC and Code 39 to QR Code, Datamatrix, PDF417. Images, pdf, TIF images and live web camera are supported as input. Designed to handle documents with noise and defects. Includes optional splitter and merger for pdf and tiff based on barcodes. Batch mode is optimized for high performance with multiple threads. Decoded values can be exported to XML, JSON, CSV or into custom data format. It can batch read barcodes to CSV in ASP.NET MVC C#.

Want to quickly learn? This fast application programming interfaces of ByteScout BarCode Reader SDK for ASP.NET MVC C# plus the guidelines and the code below will help you quickly learn how to batch read barcodes to CSV. 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. Complete and detailed tutorials and documentation are available along with installed ByteScout BarCode Reader SDK if you'd like to learn more about the topic and the details of the API.

ByteScout provides the free trial version of ByteScout BarCode Reader SDK along with the documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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

ImagePDFBarcodeToCSV.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}") = "ImagePdfBarcodeToCSV", "ImagePdfBarcodeToCSV.csproj", {C86AB214-9B74-4BFA-855C-78C05B02FAE9}
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=230209 -->
<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=301880

<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
<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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