

How to read barcodes from image in ASP.NET VB with ByteScout BarCode Reader SDK

The tutorial shows how to read barcodes from image in ASP.NET VB

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. 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 read barcodes from image in ASP.NET VB.

The SDK samples like this one below explain how to quickly make your application do read barcodes from image in ASP.NET VB with the help of ByteScout BarCode Reader SDK. Just copy and paste the code into your ASP.NET VB application's code and follow the instruction. Detailed tutorials and documentation are available along with installed ByteScout BarCode Reader SDK if you'd like to dive deeper into the topic and the details of the API.

Free trial version of ByteScout BarCode Reader SDK is available on our website. Documentation and source code samples are included.

About.aspx

```
<%@ Page Title="About Us" Language="vb" MasterPageFile="~/Site.Master" AutoEventWireup="false" CodeBehind="About.aspx.vb" Inherits="Barcodes_From_Image.About" %>

<asp:Content ID="HeaderContent" runat="server" ContentPlaceHolderID="HeadContent">
</asp:Content>
<asp:Content ID="BodyContent" runat="server" ContentPlaceHolderID="MainContent">
  <h2>
    About
  </h2>
  <p>
    Put content here.
  </p>
</asp:Content>
```

About.aspx.designer.vb

```
'-----  
' <auto-generated>  
'     This code was generated by a tool.  
'  
'     Changes to this file may cause incorrect behavior and will be lost if  
'     the code is regenerated.  
' </auto-generated>  
'-----  
  
Option Strict On  
Option Explicit On  
  
Partial Public Class About  
End Class
```

About.aspx.vb

```
Public Class About  
    Inherits System.Web.UI.Page  
  
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Page_Load  
  
    End Sub  
  
End Class
```

Barcodes From Image.vbproj

```
<?xml version="1.0" encoding="utf-8"?>  
<Project ToolsVersion="4.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/build/2009/...>  
  <PropertyGroup>  
    <Configuration Condition="'$(Configuration)' == ''">Debug</Configuration>
```

```

<Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>
<ProductVersion>
</ProductVersion>
<SchemaVersion>
</SchemaVersion>
<ProjectGuid>{9CA09A3E-8A71-4C59-A592-A7A239E13ADF}</ProjectGuid>
<ProjectTypeGuids>{349c5851-65df-11da-9384-00065b846f21};{F184B08F-C81C-45F6-A57F-5
<OutputType>Library</OutputType>
<RootNamespace>Barcodes_From_Image</RootNamespace>
<AssemblyName>Barcodes From Image</AssemblyName>
<TargetFrameworkVersion>v4.0</TargetFrameworkVersion>
<MyType>Custom</MyType>
<UseIISExpress>>false</UseIISExpress>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <DebugSymbols>>true</DebugSymbols>
  <DebugType>full</DebugType>
  <DefineDebug>>true</DefineDebug>
  <DefineTrace>>true</DefineTrace>
  <OutputPath>bin\</OutputPath>
  <DocumentationFile>Barcodes From Image.xml</DocumentationFile>
  <NoWarn>42016,41999,42017,42018,42019,42032,42036,42020,42021,42022</NoWarn>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <DebugType>pdbonly</DebugType>
  <DefineDebug>>false</DefineDebug>
  <DefineTrace>>true</DefineTrace>
  <Optimize>>true</Optimize>
  <OutputPath>bin\</OutputPath>
  <DocumentationFile>Barcodes From Image.xml</DocumentationFile>
  <NoWarn>42016,41999,42017,42018,42019,42032,42036,42020,42021,42022</NoWarn>
</PropertyGroup>
<PropertyGroup>
  <OptionExplicit>On</OptionExplicit>
</PropertyGroup>
<PropertyGroup>
  <OptionCompare>Binary</OptionCompare>
</PropertyGroup>
<PropertyGroup>
  <OptionStrict>Off</OptionStrict>
</PropertyGroup>
<PropertyGroup>
  <OptionInfer>On</OptionInfer>
</PropertyGroup>
<ItemGroup>
  <Reference Include="Bytescout.BarCodeReader, Version=5.10.0.914, Culture=neutral, I
    <SpecificVersion>False</SpecificVersion>
    <HintPath>C:\Program Files\Bytescout BarCode Reader SDK\net4.00\Bytescout.BarCode
  </Reference>
  <Reference Include="System" />
  <Reference Include="System.Drawing" />
  <Reference Include="System.Core" />
  <Reference Include="System.Web" />
  <Reference Include="System.Configuration" />
  <Reference Include="System.Web.ApplicationServices" />
</ItemGroup>
<ItemGroup>
  <Import Include="Microsoft.VisualBasic" />
  <Import Include="System" />
  <Import Include="System.Collections" />

```

```
<Import Include="System.Collections.Generic" />
<Import Include="System.Data" />
<Import Include="System.Linq" />
<Import Include="System.Xml.Linq" />
<Import Include="System.Diagnostics" />
<Import Include="System.Collections.Specialized" />
<Import Include="System.Configuration" />
<Import Include="System.Text" />
<Import Include="System.Text.RegularExpressions" />
<Import Include="System.Web" />
<Import Include="System.Web.Caching" />
<Import Include="System.Web.SessionState" />
<Import Include="System.Web.Security" />
<Import Include="System.Web.Profile" />
<Import Include="System.Web.UI" />
<Import Include="System.Web.UI.WebControls" />
<Import Include="System.Web.UI.WebControls.WebParts" />
<Import Include="System.Web.UI.HtmlControls" />
</ItemGroup>
<ItemGroup>
  <Content Include="About.aspx" />
  <Content Include="Account\ChangePassword.aspx" />
  <Content Include="Account\ChangePasswordSuccess.aspx" />
  <Content Include="Account\Login.aspx" />
  <Content Include="Account\Register.aspx" />
  <Content Include="Styles\Site.css" />
  <Content Include="Default.aspx" />
  <Content Include="Global.asax" />
  <Content Include="Scripts\jquery-1.4.1-vsdoc.js" />
  <Content Include="Scripts\jquery-1.4.1.js" />
  <Content Include="Scripts\jquery-1.4.1.min.js" />
  <Content Include="Web.config" />
  <Content Include="Web.Debug.config">
    <DependentUpon>Web.config</DependentUpon>
  </Content>
  <Content Include="Web.Release.config">
    <DependentUpon>Web.config</DependentUpon>
  </Content>
</ItemGroup>
<ItemGroup>
  <Compile Include="About.aspx.designer.vb">
    <DependentUpon>About.aspx</DependentUpon>
  </Compile>
  <Compile Include="About.aspx.vb">
    <DependentUpon>About.aspx</DependentUpon>
    <SubType>ASPXCodebehind</SubType>
  </Compile>
  <Compile Include="Account\ChangePassword.aspx.designer.vb">
    <DependentUpon>ChangePassword.aspx</DependentUpon>
  </Compile>
  <Compile Include="Account\ChangePassword.aspx.vb">
    <DependentUpon>ChangePassword.aspx</DependentUpon>
    <SubType>ASPXCodebehind</SubType>
  </Compile>
  <Compile Include="Account\ChangePasswordSuccess.aspx.designer.vb">
    <DependentUpon>ChangePasswordSuccess.aspx</DependentUpon>
  </Compile>
  <Compile Include="Account\ChangePasswordSuccess.aspx.vb">
    <DependentUpon>ChangePasswordSuccess.aspx</DependentUpon>
    <SubType>ASPXCodebehind</SubType>
  </Compile>

```

```
</Compile>
<Compile Include="Account\Login.aspx.designer.vb">
  <DependentUpon>Login.aspx</DependentUpon>
</Compile>
<Compile Include="Account\Login.aspx.vb">
  <DependentUpon>Login.aspx</DependentUpon>
  <SubType>ASPXCodebehind</SubType>
</Compile>
<Compile Include="Account\Register.aspx.designer.vb">
  <DependentUpon>Register.aspx</DependentUpon>
</Compile>
<Compile Include="Account\Register.aspx.vb">
  <DependentUpon>Register.aspx</DependentUpon>
  <SubType>ASPXCodebehind</SubType>
</Compile>
<Compile Include="Default.aspx.vb">
  <SubType>ASPXCodeBehind</SubType>
  <DependentUpon>Default.aspx</DependentUpon>
</Compile>
<Compile Include="Default.aspx.designer.vb">
  <DependentUpon>Default.aspx</DependentUpon>
</Compile>
<Compile Include="Global.asax.vb">
  <DependentUpon>Global.asax</DependentUpon>
</Compile>
<Compile Include="My Project\AssemblyInfo.vb" />
<Compile Include="My Project\Application.Designer.vb">
  <AutoGen>True</AutoGen>
  <DependentUpon>Application.myapp</DependentUpon>
</Compile>
<Compile Include="My Project\MyExtensions\MyWebExtension.vb">
  <VBMyExtensionTemplateID>Microsoft.VisualBasic.Web.MyExtension</VBMyExtensionTemp
  <VBMyExtensionTemplateVersion>1.0.0.0</VBMyExtensionTemplateVersion>
</Compile>
<Compile Include="My Project\Resources.Designer.vb">
  <AutoGen>True</AutoGen>
  <DesignTime>True</DesignTime>
  <DependentUpon>Resources.resx</DependentUpon>
</Compile>
<Compile Include="My Project\Settings.Designer.vb">
  <AutoGen>True</AutoGen>
  <DependentUpon>Settings.settings</DependentUpon>
  <DesignTimeSharedInput>True</DesignTimeSharedInput>
</Compile>
<Compile Include="Site.Master.designer.vb">
  <DependentUpon>Site.Master</DependentUpon>
</Compile>
<Compile Include="Site.Master.vb">
  <DependentUpon>Site.Master</DependentUpon>
  <SubType>ASPXCodeBehind</SubType>
</Compile>
</ItemGroup>
<ItemGroup>
  <EmbeddedResource Include="My Project\Resources.resx">
    <Generator>VbMyResourcesResXFileCodeGenerator</Generator>
    <LastGenOutput>Resources.Designer.vb</LastGenOutput>
    <CustomToolNamespace>My.Resources</CustomToolNamespace>
    <SubType>Designer</SubType>
  </EmbeddedResource>
</ItemGroup>
```

```

<ItemGroup>
  <Content Include="Account\Web.config" />
  <None Include="My Project\Application.myapp">
    <Generator>MyApplicationCodeGenerator</Generator>
    <LastGenOutput>Application.Designer.vb</LastGenOutput>
  </None>
  <None Include="My Project\Settings.settings">
    <Generator>SettingsSingleFileGenerator</Generator>
    <CustomToolNamespace>My</CustomToolNamespace>
    <LastGenOutput>Settings.Designer.vb</LastGenOutput>
  </None>
  <Content Include="Site.Master" />
</ItemGroup>
<ItemGroup>
  <Folder Include="App_Data\" />
</ItemGroup>
<Import Project="$(MSBuildBinPath)\Microsoft.VisualBasic.targets" />
<Import Project="$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v10.0\WebApplicat
<ProjectExtensions>
  <VisualStudio>
    <FlavorProperties GUID="{349c5851-65df-11da-9384-00065b846f21}">
      <WebProjectProperties>
        <UseIIS>False</UseIIS>
        <AutoAssignPort>True</AutoAssignPort>
        <DevelopmentServerPort>33897</DevelopmentServerPort>
        <DevelopmentServerVPath>/</DevelopmentServerVPath>
        <IISUrl>
        </IISUrl>
        <NTLMAuthentication>False</NTLMAuthentication>
        <UseCustomServer>False</UseCustomServer>
        <CustomServerUrl>
        </CustomServerUrl>
        <SaveServerSettingsInUserFile>False</SaveServerSettingsInUserFile>
      </WebProjectProperties>
    </FlavorProperties>
  </VisualStudio>
</ProjectExtensions>
<!-- To modify your build process, add your task inside one of the targets below and
      Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>

```

Default.aspx

```

<%@ Page Language="vb" AutoEventWireup="true" CodeBehind="Default.aspx.vb" Inherits="B
<!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 id="Head1" runat="server">
  <title>Web Barcode Reader Tester (C#)</title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      Click browse button to upload an image<br />
      <br />
      <asp:FileUpload ID="FileUpload1" runat="server" /><br />
      <br />
      <asp:Button id="UploadButton"
        Text="Upload file"
        runat="server">
    </asp:Button>
    <br />
    <br />
    <asp:Label id="UploadStatusLabel" Text="" runat="server"></asp:Label>
    <br />
    <asp:ListBox ID="ListBox1" runat="server" Visible="False"></asp:ListBox><br />
    <br />
    <asp:Image ID="Image1" runat="server" Height="74px" Width="71px" /></div>
  </form>
</body>
</html>

```

Default.aspx.designer.vb

```

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

Option Strict On
Option Explicit On

Partial Public Class _Default

    '''<summary>
    '''Head1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.

```

```
'''</remarks>
Protected WithEvents Head1 As Global.System.Web.UI.HtmlControls.HtmlHead

'''<summary>
'''form1 control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents form1 As Global.System.Web.UI.HtmlControls.HtmlForm

'''<summary>
'''FileUpload1 control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents FileUpload1 As Global.System.Web.UI.WebControls.FileUpload

'''<summary>
'''UploadButton control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents UploadButton As Global.System.Web.UI.WebControls.Button

'''<summary>
'''UploadStatusLabel control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents UploadStatusLabel As Global.System.Web.UI.WebControls.Label

'''<summary>
'''ListBox1 control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents ListBox1 As Global.System.Web.UI.WebControls.ListBox

'''<summary>
'''Image1 control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents Image1 As Global.System.Web.UI.WebControls.Image
End Class
```


Default.aspx.vb

```
Imports System.IO
Imports Bytescout.BarCodeReader

Public Class _Default
    Inherits System.Web.UI.Page

    Private Sub UploadButton_Click(sender As Object, e As System.EventArgs) Handles Up

        Dim savePath As String = "\uploads\"

        If (FileUpload1.HasFile) Then

            Dim virtualFilePath As String = Path.Combine(savePath, FileUpload1.FileName)

            Dim serverFilePath As String = Server.MapPath(virtualFilePath)
            If Not Directory.Exists(Path.GetDirectoryName(serverFilePath)) Then
                Directory.CreateDirectory(Path.GetDirectoryName(serverFilePath))
            End If

            FileUpload1.SaveAs(serverFilePath)

            Dim image As System.Drawing.Image = Nothing

            Try
                Using fileStream As FileStream = File.OpenRead(serverFilePath)
                    image = System.Drawing.Image.FromStream(fileStream)
                End Using
            Catch ex As Exception

            End Try

            If image Is Nothing Then
                UploadStatusLabel.Visible = True
                UploadStatusLabel.Text = "Your file is not an image."
                Image1.Visible = False
                ListBox1.Visible = False
            Else
                UploadStatusLabel.Visible = False
                Image1.ImageUrl = virtualFilePath
                Image1.Visible = True
                Image1.Width = image.Width
                Image1.Height = image.Height
                ListBox1.Items.Clear()
                ListBox1.Visible = True

                FindBarcodes(serverFilePath)

                If ListBox1.Items.Count = 0 Then
                    ListBox1.Items.Add("No barcodes found")
                End If
            End If
        End If
    End Sub
End Class
```

```

        End If

    Else
        'Notify the user that a file was not uploaded.
        UploadStatusLabel.Text = "You did not specify a file to upload."
    End If

End Sub

Private Sub FindBarcodes(fileName As String)

    Dim reader As Reader = New Reader()

    ' Limit search to 1D barcodes only (exclude 2D barcodes to speed up the search)
    ' Change to bc.BarcodeTypesToFind.SetAll() to scan for all supported 1D
    ' or select specific type, e.g. bc.BarcodeTypesToFind.PDF417 = True
    reader.BarcodeTypesToFind.SetAll1D()

    ' reader.MediumTrustLevelCompatible = True ' uncomment this line to enable Med

    reader.ReadFromFile(fileName)

    For Each barcode As FoundBarcode In reader.FoundBarcodes
        ListBox1.Items.Add(String.Format("{0} : {1}", barcode.Type, barcode.Value))
    Next

End Sub

End Class

```

Global.asax.vb

```

Imports System.Web.SessionState

Public Class Global_asax
    Inherits System.Web.HttpApplication

    Sub Application_Start(ByVal sender As Object, ByVal e As EventArgs)
        ' Fires when the application is started
    End Sub

    Sub Session_Start(ByVal sender As Object, ByVal e As EventArgs)
        ' Fires when the session is started
    End Sub

    Sub Application_BeginRequest(ByVal sender As Object, ByVal e As EventArgs)
        ' Fires at the beginning of each request
    End Sub

```

```

Sub Application_AuthenticateRequest(ByVal sender As Object, ByVal e As EventArgs)
    ' Fires upon attempting to authenticate the use
End Sub

Sub Application_Error(ByVal sender As Object, ByVal e As EventArgs)
    ' Fires when an error occurs
End Sub

Sub Session_End(ByVal sender As Object, ByVal e As EventArgs)
    ' Fires when the session ends
End Sub

Sub Application_End(ByVal sender As Object, ByVal e As EventArgs)
    ' Fires when the application ends
End Sub

End Class

```

Site.Master.designer.vb

```

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

Option Strict On
Option Explicit On

Partial Public Class SiteMaster

    '''<summary>
    '''Head1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents Head1 As Global.System.Web.UI.HtmlControls.HtmlHead

    '''<summary>
    '''HeadContent control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.

```

```

'''</remarks>
Protected WithEvents HeadContent As Global.System.Web.UI.WebControls.ContentPlaceHolder

'''<summary>
'''Form1 control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents Form1 As Global.System.Web.UI.HtmlControls.HtmlForm

'''<summary>
'''HeadLoginView control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents HeadLoginView As Global.System.Web.UI.WebControls.LoginView

'''<summary>
'''NavigationMenu control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents NavigationMenu As Global.System.Web.UI.WebControls.Menu

'''<summary>
'''MainContent control.
'''</summary>
'''<remarks>
'''Auto-generated field.
'''To modify move field declaration from designer file to code-behind file.
'''</remarks>
Protected WithEvents MainContent As Global.System.Web.UI.WebControls.ContentPlaceHolder
End Class

```

Site.Master.vb

```

Public Class Site
    Inherits System.Web.UI.MasterPage

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Page_Load

    End Sub

End Class

```

Web.Debug.config

```
<?xml version="1.0"?>
<!-- For more information on using web.config transformation visit http://go.microsoft.com/fwlink/?LinkId=72351 -->
<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"?>
<!-- For more information on using web.config transformation visit http://go.microsoft.com/fwlink/?LinkId=72351 -->
<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>
  <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"?>
<!--
For more information on how to configure your ASP.NET application, please visit
http://go.microsoft.com/fwlink/?LinkId=169433
-->

<configuration>
  <connectionStrings>
    <add name="ApplicationServices"
      connectionString="data source=.\SQLEXPRESS;Integrated Security=SSPI;AttachDBF=
      providerName="System.Data.SqlClient" />
  </connectionStrings>

  <system.web>
    <compilation debug="true" strict="false" explicit="true" targetFramework="4.0" />

    <authentication mode="Forms">
      <forms loginUrl="~/Account/Login.aspx" timeout="2880" />
    </authentication>

    <membership>

```

```
<providers>
  <clear/>
  <add name="AspNetSqlMembershipProvider" type="System.Web.Security.SqlMembershipProvider"
    enablePasswordRetrieval="false" enablePasswordReset="true" requiresQuestionAndAnswer="false"
    maxInvalidPasswordAttempts="5" minRequiredPasswordLength="6" minRequiredNonalphanumericCharacters="0"
    applicationName="/" />
</providers>
</membership>

<profile>
  <providers>
    <clear/>
    <add name="AspNetSqlProfileProvider" type="System.Web.Profile.SqlProfileProvider"
      applicationName="/" />
  </providers>
</profile>

<roleManager enabled="false">
  <providers>
    <clear/>
    <add name="AspNetSqlRoleProvider" type="System.Web.Security.SqlRoleProvider"
      applicationName="/" />
    <add name="AspNetWindowsTokenRoleProvider" type="System.Web.Security.WindowsTokenRoleProvider"
      applicationName="/" />
  </providers>
</roleManager>

</system.web>

<system.webServer>
  <modules runAllManagedModulesForAllRequests="true"/>
</system.webServer>
</configuration>
```

FOR MORE INFORMATION AND FREE TRIAL:

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

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