

How to convert PDF to PNG in ASP.NET C# and ByteScout PDF Renderer SDK

Tutorial on how to convert PDF to PNG in ASP.NET C#

Learn how to convert PDF to PNG in ASP.NET C# with this source code sample. Want to convert PDF to PNG in your ASP.NET C# app? ByteScout PDF Renderer SDK is designed for it. ByteScout PDF Renderer SDK is the component (SDK) that renders PDF into high quality images and thumbnails. Includes various functions like page by page processing, BMP, PNG, TIFF or stream output. Can be used from web and desktop applications.

This code snippet below for ByteScout PDF Renderer SDK works best when you need to quickly convert PDF to PNG in your ASP.NET C# application. Follow the instructions from the scratch to work and copy the ASP.NET C# code. This basic programming language sample code for ASP.NET C# will do the whole work for you to convert PDF to PNG.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="Bytescout.PDFRenderers.Examples.BasicExample._Default" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>

        </div>
    </form>
</body>
</html>
```

Default.aspx.cs

```
using System;
using System.Web.UI;
using Bytescout.PDFRenderer;

namespace BasicExample
{
    public partial class _Default : Page
    {

        /*
        IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

        Temporary folder access is required for web application when you use Bytescout PDF Renderer component. If you are getting errors related to the access to temporary folder like "Access to the temporary folder is denied" or "The process cannot access the file because it is being used by another process", then you need to grant permissions for the temporary folder to your application.

        SOLUTION:

        If your IIS Application Pool has "Load User Profile" option enabled then you need to grant permissions for the temporary folder to the application pool user.

        If you are running Web Application under an impersonated account or IIS then you need to grant permissions for the temporary folder to the impersonated user or the IIS worker process.

        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 in the temporary folder
        - restart your web application and try again
        */
    }
}
```

```
protected void Page_Load(object sender, EventArgs e)
{
    // Prepare a test document.
    // Multipage.pdf file will be copied to the project directory on first run.
    String inputDocument = Server.MapPath("multipage.pdf");

    // Create an instance of Bytescout.PDFRenderer.RasterRenderer class.
    RasterRenderer renderer = new RasterRenderer();
    renderer.RegistrationName = "demo";
    renderer.RegistrationKey = "demo";

    // Load PDF document.
    renderer.LoadDocumentFromFile(inputDocument);

    // Prepare response.
    Response.Clear();
    Response.ContentType = "image/png";
    Response.AddHeader("Content-Disposition", "inline;filename=rendered.png");

    // Render first page of the document to the output stream.
    renderer.Save(Response.OutputStream, RasterImageFormat.PNG, 0,
        0, 0, 0);

    Response.End();
}

}

}
```

Default.aspx.designer.cs

```
//------------------------------------------------------------------------------  
// <auto-generated>  
//     This code was generated by a tool.  
//     Runtime Version:2.0.50727.42  
//  
//     Changes to this file may cause incorrect behavior and will be lost if  
//     the code is regenerated.  
// </auto-generated>  
//------------------------------------------------------------------------------  
  
namespace BasicExample  
{  
  
    public partial class _Default  
    {  
        protected System.Web.UI.HtmlControls.HtmlForm form1;  
    }  
}
```

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="NotFound.htm" />
        </customErrors>
        <!--
    </system.web>
</configuration>
```

<https://www.youtube.com/watch?v=eenhl7106lA>

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