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How to convert pdf to png with pdf renderer sdk in ASP.NET C# with ByteScout Premium Suite

Learning is essential in computer world and the tutorial below will demonstrate how to convert pdf to png with pdf renderer sdk in ASP.NET C#

The coding instructions are formulated to help you to try-out the features without the requirement to write your own code. ByteScout Premium Suite can convert pdf to png with pdf renderer sdk. It can be applied from ASP.NET C#. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

The SDK samples given below describe how to quickly make your application do convert pdf to png with pdf renderer sdk in ASP.NET C# with the help of ByteScout Premium Suite. Just copy and paste the code into your ASP.NET C# application's code and follow the instructions. Further improvement of the code will make it more robust.

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

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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 temporary folder is denied" or "Temporary folder access is denied", it means that your application does not have sufficient permissions to access temporary folder. This can happen if your IIS Application Pool has "Load User Profile" option enabled or if your application is running under an impersonated account or IIS anonymous user.

        SOLUTION:

        If your IIS Application Pool has "Load User Profile" option enabled then you need to disable it. You can do this by navigating to "Application Pools" section in IIS Manager, selecting your application pool, and then unchecking the "Load User Profile" checkbox.

        If you are running Web Application under an impersonated account or IIS anonymous user, then you need to grant permissions to this account or group to read and write files in temporary folder. You can do this by granting "Write" and "Modify" permissions to the temporary folder for the "IIS_IUSRS" group or the specific user account under which your application is running.

        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 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=NEwNs2b9YN8>

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