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## How to extract text by columns from PDF with PDF extractor SDK in ASP.NET C# and ByteScout Premium Suite

This code in ASP.NET C# shows how to extract text by columns from PDF with PDF extractor SDK with this how to tutorial

The sample source code below will teach you how to extract text by columns from PDF with PDF extractor SDK in ASP.NET C#. Want to extract text by columns from PDF with PDF extractor SDK in your ASP.NET C# app? ByteScout Premium Suite is designed for it. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

These ASP.NET C# code samples for ASP.NET C# guide developers to speed up coding of the application when using ByteScout Premium Suite. Just copy and paste the code into your ASP.NET C# application's code and follow the instructions. Complete and detailed tutorials and documentation are available along with installed ByteScout Premium Suite if you'd like to learn more about the topic and the details of the API.

You can download free trial version of ByteScout Premium Suite from our website to see and try many others source code samples for ASP.NET C#.

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Source Code Files:

## Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="ExtractTextByColumns._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 Bytescout.PDFExtractor;

namespace ExtractTextByColumns
{
    /*
     * IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:
     *
     * Temporary folder access is required for web application when you use ByteScout SDK.
     * If you are getting errors related to the access to temporary folder like "Access to the path ...
     *
     * SOLUTION:
     *
     * If your IIS Application Pool has "Load User Profile" option enabled the IIS provider ...
     *
     * If you are running Web Application under an impersonated account or IIS_IUSRS group ...
     *
     * 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 into that temp ...
     * - restart your web application and try again
     */

    public partial class _Default : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
```

```

{
    String inputFile = Server.MapPath(@".\bin\columns.pdf");

    // Create Bytescout.PDFExtractor.TextExtractor instance
    TextExtractor extractor = new TextExtractor();
    extractor.RegistrationName = "demo";
    extractor.RegistrationKey = "demo";

    // Extract text by columns (useful if PDF document is designed
    extractor.ExtractColumnByColumn = true;

    // Load sample PDF document
    extractor.LoadDocumentFromFile(inputFile);

    Response.Clear();
    Response.ContentType = "text/html";

    Response.Write("<pre>");

    // Save extracted text to output stream
    extractor.SaveTextToStream(Response.OutputStream);

    Response.Write("</pre>");

    Response.End();
}
}

```

## Default.aspx.designer.cs

```

//-----
// <auto-generated>
//   This code was generated by a tool.
//   Runtime Version:2.0.50727.4952
//
//   Changes to this file may cause incorrect behavior and will be lost if
//   the code is regenerated.
// </auto-generated>
//-----

namespace ExtractAllText {

    /// <summary>
    /// _Default class.
    /// </summary>
    /// <remarks>
    /// Auto-generated class.
    /// </remarks>
}
```

```
public partial class _Default {

    /// <summary>
    /// form1 control.
    /// </summary>
    /// <remarks>
    /// Auto-generated field.
    /// To modify move field declaration from designer file to code-behind file.
    /// </remarks>
    protected global::System.Web.UI.HtmlControls.HtmlForm form1;
}

}
```

ExtractTextByColumns.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 2013
VisualStudioVersion = 12.0.40629.0
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "ExtractTextByColumns", "ExtractTextByColumns", {FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
EndGlobal
```

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>
```

---

## VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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