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How to find text with hyphens in PDF in ASP.NET C# using ByteScout PDF Extractor SDK

Write code in ASP.NET C# to find text with hyphens in PDF with this step-by-step tutorial

ByteScout tutorials are designed to explain the code for both ASP.NET C# beginners and advanced programmers. ByteScout PDF Extractor SDK is the SDK that helps developers to extract data from unstructured documents, pdf, images, scanned and electronic forms. Includes AI functions like automatic table detection, automatic table extraction and restructuring, text recognition and text restoration from pdf and scanned documents. Includes PDF to CSV, PDF to XML, PDF to JSON, PDF to searchable PDF functions as well as methods for low level data extraction and you can use it to find text with hyphens in PDF with ASP.NET C#.

The SDK samples like this one below explain how to quickly make your application do find text with hyphens in PDF in ASP.NET C# with the help of ByteScout PDF Extractor SDK. This ASP.NET C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Further enhancement of the code will make it more vigorous.

You can download free trial version of ByteScout PDF Extractor SDK 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="F-  
<!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 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 FindTextWithHyphens  
{  
  
    /*  
     * 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  
     *  
     * 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\words-with-hyphens.pdf");

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

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

        // Set the matching mode
        extractor.WordMatchingMode = WordMatchingMode.SmartMatch;

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

        Response.Write("Searching for \"hyphen\" string:<br>");

        // Search for "ipsum" string
        if (extractor.Find(0, "hyphen", false))
        {
            do
            {
                Response.Write("<br/>");
                Response.Write("Found on page 1 at location " + extractor.FoundText);
                Response.Write("<br/>");

                // The found text may be splitted to parts.
                // Iterate through each part of the found text.
                for (var i = 0; i < extractor.FoundText.Elements.Count; i++)
                {
                    I SearchResultElement element = extractor.FoundText.Elements[i];

                    Response.Write("Element #" + i + " at " + element.Bounds + "<br/>");
                    Response.Write("Text: " + element.Text + "<br/>");
                    Response.Write("Font is bold: " + element.FontIsBold + "<br/>");
                    Response.Write("Font is italic: " + element.FontIsItalic + "<br/>");
                    Response.Write("Font name: " + element.FontName + "<br/>");
                    Response.Write("Font size: " + element.FontSize + "<br/>");
                    Response.Write("Font color: " + element.FontColor + "<br/>");
                }
            }
            while (extractor.FindNext());
        }

        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 FindText
{

    /// <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;
    }
}
```

FindTextWithHyphens.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}") = "FindTextWithHyphens", "FindTextWi...
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
    {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Debug|Any CPU.Build.0 = Debug|Any
    {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Release|Any CPU.ActiveCfg = Release
    {0C256397-34FA-4067-98A7-01D3D2BE0F7E}.Release|Any CPU.Build.0 = Release
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=s28W3_KMraU

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