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How to find text in PDF with PDF extractor SDK in ASP.NET C# with ByteScout Data Extraction Suite

If you want to learn more then this tutorial will show how to find text in PDF with PDF extractor SDK in ASP.NET C#.

Sample source code below will display you how to manage a complex task like find text in PDF with PDF extractor SDK in ASP.NET C#. ByteScout Data Extraction Suite is the bundle that includes three SDK tools for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK. It can be applied to find text in PDF with PDF extractor SDK using ASP.NET C#.

The following code snippet for ByteScout Data Extraction Suite works best when you need to quickly find text in PDF with PDF extractor SDK in your ASP.NET C# application. Just copy and paste the code into your ASP.NET C# application's code and follow the instructions. Applying ASP.NET C# application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

Our website gives trial version of ByteScout Data Extraction Suite for free. It also includes documentation and source code samples.

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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 FindText  
{  
    public partial class _Default : System.Web.UI.Page  
    {  
        /*  
        IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:  
  
        Temporary folder access is required for web application when you use ByteScout.  
        If you are getting errors related to the access to temporary folder like "Acce  
  
        SOLUTION:  
  
        If your IIS Application Pool has "Load User Profile" option enabled the IIS pro  
  
        If you are running Web Application under an impersonated account or IIS_IUSRS g  
  
        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  
        - restart your web application and try again  
  
        */
```

```

protected void Page_Load(object sender, EventArgs e)
{
    String inputFile = Server.MapPath(@".\bin\sample1.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.
    // WordMatchingMode.None - treats the search string as substring
    // WordMatchingMode.ExactMatch - treats the search string as separate word
    // WordMatchingMode.SmartMatch - will find the word in various forms (like
    extractor.WordMatchingMode = WordMatchingMode.ExactMatch;

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

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

    // Search for "ipsum" string
    if (extractor.Find(0, "ipsum", 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;
    }
}
```

FindText.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}") = "FindText", "FindText.csproj", "{00
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="FileNotFoundException.htm" />
        </customErrors>
        <!-->
    
```

```
</system.web>  
</configuration>
```

VIDEO

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

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