

## How to find text in PDF with PDF extractor SDK in ASP.NET using ByteScout PDF Suite

Step-by-step tutorial on how to find text in PDF with PDF extractor SDK in ASP.NET

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. Want to find text in PDF with PDF extractor SDK in your ASP.NET app? ByteScout PDF Suite is designed for it. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript.

Want to save time? You will save a lot of time on writing and testing code as you may just take the ASP.NET code from ByteScout PDF Suite for find text in PDF with PDF extractor SDK below and use it in your application. IF you want to implement the functionality, just copy and paste this code for ASP.NET below into your code editor with your app, compile and run your application. Further improvement of the code will make it more robust.

You can download free trial version of ByteScout PDF Suite from our website with this and other source code samples for ASP.NET.

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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 "Acces

    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++)
            {
                ISearchResultElement 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", "{00000000-0000-0000-0000-000000000000}"  
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
    {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="FileNotFound.htm" />
        </customErrors>
    </system.web>

```

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

---

## VIDEO

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

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