

How to make PDF unsearchable in ASP.NET C# with ByteScout PDF Extractor SDK

This code in ASP.NET C# shows how to make PDF unsearchable with this how to tutorial

The code below will help you to implement an ASP.NET C# app to make PDF unsearchable. ByteScout PDF Extractor SDK can make PDF unsearchable. It can be used from ASP.NET C#. 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.

This rich sample source code in ASP.NET C# for ByteScout PDF Extractor SDK includes the number of functions and options you should do calling the API to make PDF unsearchable. 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! Use of ByteScout PDF Extractor SDK in ASP.NET C# is also explained in the documentation included along with the product.

ByteScout PDF Extractor SDK free trial version is available on our website. ASP.NET C# and other programming languages are supported.

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Source Code Files:

Default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="M
<!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 System.IO;
using System.Web.UI;
using ByteScout.PDFExtractor;

namespace MakePDFUnsearchable
{
    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.UnsearchablePDFMaker instance
    UnsearchablePDFMaker unsearchablePDFMaker = new UnsearchablePDFMaker();
    unsearchablePDFMaker.RegistrationName = "demo";
    unsearchablePDFMaker.RegistrationKey = "demo";

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

    // Set PDF rendering resolution to 150 DPI. Higher value - better quality,
    unsearchablePDFMaker.RenderingResolution = 150;
    // Set embedded images format
    unsearchablePDFMaker.ImageFormat = EmbeddedImageFormat.PNG;

    Response.Clear();
    Response.ContentType = "application/pdf";
    Response.AddHeader("Content-Disposition", "attachment;filename=result.pdf");

    // Process document and write result to temporary stream.
    byte[] resultBytes;
    using (MemoryStream tempStream = new MemoryStream())
    {
        unsearchablePDFMaker.MakePDFUnsearchable(tempStream);
        resultBytes = tempStream.ToArray();
    }

    // Write result bytes to the output stream
    Response.BinaryWrite(resultBytes);

    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 MakeUnsearchablePDF
{
    public partial class _Default
    {
        protected System.Web.UI.HtmlControls.HtmlForm form1;
    }
}
```

MakePDFUnsearchable.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}") = "MakePDFUnsearchable", "MakePDFUnsearchable.csproj", "{A8705DB2-82C7-46E7-8786-058EEE78DE9D}"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {A8705DB2-82C7-46E7-8786-058EEE78DE9D}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {A8705DB2-82C7-46E7-8786-058EEE78DE9D}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {A8705DB2-82C7-46E7-8786-058EEE78DE9D}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {A8705DB2-82C7-46E7-8786-058EEE78DE9D}.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" targetFramework="4.0"/>
    <!--
      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>
    -->
    <pages controlRenderingCompatibilityVersion="3.5" clientIDMode="AutoID"/>
  </system.web>
</configuration>

```

VIDEO

https://www.youtube.com/watch?v=s28W3_KMraU

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