How to find text in PDF in C# and ByteScout PDF Extractor SDK

How to code in C# to find text in PDF with this step-by-step tutorial

With this source code sample you may quickly learn how to find text in PDF in C#. ByteScout PDF Extractor SDK is the Software Development Kit (SDK) that is designed to help developers with data extraction from unstructured documents like pdf, tiff, scans, images, scanned and electronic forms. The library is powered by OCR, computer vision and AI to provide unique functionality like table detection, automatic table structure extraction, data restoration, data restructuring and reconstruction. Supports PDF, TIFF, PNG, JPG images as input and can output CSV, XML, JSON formatted data. Includes full set of utilities like pdf splitter, pdf merger, searchable pdf maker and you can use it to find text in PDF with C#.

This code snippet below for ByteScout PDF Extractor SDK works best when you need to quickly find text in PDF in your C# application. This 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! This basic programming language sample code for C# will do the whole work for you to find text in PDF.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

Program.cs

```csharp
using System;
using System.Drawing;
using Bytescout.PDFExtractor;

namespace FindText
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create Bytescout.PDFExtractor.TextExtractor instance
            TextExtractor extractor = new TextExtractor();
            extractor.RegistrationName = "demo";
            extractor.RegistrationKey = "demo";

            // Load sample PDF document
            extractor.LoadDocumentFromFile(@".\sample1.pdf");

            // 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;

            int pageCount = extractor.GetPageCount();

            for (int i = 0; i < pageCount; i++)
            {
                // Search each page for "ipsum" string
                if (extractor.Find(i, "ipsum", false))
                {
                    do
                    {
                        Console.WriteLine("");
                        Console.WriteLine("Found on page " + i + " at location " + extr
                        Console.WriteLine("");
                        // Iterate through each element in the found text
                        foreach (SearchResultElement element in extractor.FoundText.Ele
                        {
                            Console.WriteLine ("Element #" + element.Index + " at left=
                            Console.WriteLine ("Text: " + element.Text);
                            Console.WriteLine ("Font is bold: " + element.FontIsBold);
                            Console.WriteLine ("Font is italic:" + element.FontIsItali
                            Console.WriteLine ( "Font name: " + element.FontName);
                            Console.WriteLine ( "Font size:" + element.FontSize);
                            Console.WriteLine ( "Font color:" + element.FontColor);
                        }
                    }
                    while (extractor.FindNext());
                }
            }

            // Cleanup
                    extractor.Dispose();
```

```
            Console.WriteLine();
            Console.WriteLine("Press any key to continue...");
            Console.ReadLine();
        }
    }
}
```

VIDEO

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

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