www.bytescout.com

How to find text in PDF with PDF extractor SDK in C# and ByteScout Data Extraction Suite

How to write a robust code in C# to find text in PDF with PDF extractor SDK with this step-by-step tutorial

The sample source code below will teach you how to find text in PDF with PDF extractor SDK in C#. ByteScout Data Extraction Suite can find text in PDF with PDF extractor SDK. It can be applied from C#. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

The SDK samples given below describe how to quickly make your application do find text in PDF with PDF extractor SDK in C# with the help of ByteScout Data Extraction Suite. Simply copy and paste in your C# project or application you and then run your app! Enjoy writing a code with ready-to-use sample codes in C#.

The trial version of ByteScout Data Extraction Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

Program.cs

```
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.FontIsItalic
                            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=NEwNs2b9YN8

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