How to find keyword and extract page in PDF with PDF extractor SDK in C# using ByteScout Data Extraction Suite

How to write a robust code in C# to find keyword and extract page in PDF with PDF extractor SDK with this step-by-step tutorial

On this page you will learn from code samples for programming in C#.Writing of the code to find keyword and extract page in PDF with PDF extractor SDK in C# can be executed by programmers of any level using ByteScout Data Extraction Suite. 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 and you can use it to find keyword and extract page in PDF with PDF extractor SDK with C#.

The SDK samples given below describe how to quickly make your application do find keyword and extract page in PDF with PDF extractor SDK in C# with the help of ByteScout Data Extraction Suite. 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! Applying 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.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

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Source Code Files:

Program.cs

```csharp
// This example page extraction by found keyword.

using System;
using Bytescout.PDFExtractor;

namespace SplittingExample
{
    class Program
    {
        static void Main(string[] args)
        {
            string inputFile = @".\sample2.pdf";

            // Create Bytescout.PDFExtractor.TextExtractor instance
            TextExtractor extractor = new TextExtractor();
            extractor.RegistrationName = "demo";
            extractor.RegistrationKey = "demo";

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

            int pageCount = extractor.GetPageCount();

            // Search each page for a keyword
            for (int i = 0; i < pageCount; i++)
            {
                if (extractor.Find(i, "bombardment", false))
                {
                    // Extract page
                    using (DocumentSplitter splitter = new DocumentSplitter("demo", "de
                    {
                        splitter.OptimizeSplittedDocuments = true;

                        int pageNumber = i + 1;  // (!) page number in ExtractPage() is
                        string outputFile = @".\page" + pageNumber + ".pdf";
                        splitter.ExtractPage(inputFile, outputFile, pageNumber);

                        Console.WriteLine("Extracted page " + pageNumber + " to file \
                    }
                }
            }

            // Cleanup
            extractor.Dispose();

            Console.WriteLine();
            Console.WriteLine("Press any key...");
            Console.ReadKey();
        }
    }
}
```

VIDEO

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

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