

How to find text in PDF using regex in C# with ByteScout PDF Extractor SDK

This tutorial will show how to find text in PDF using regex in C#

With this source code sample you may quickly learn how to find text in PDF using regex in C#. Want to find text in PDF using regex in your C# app? ByteScout PDF Extractor SDK is designed for it. 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.

Fast application programming interfaces of ByteScout PDF Extractor SDK for C# plus the instruction and the code below will help you quickly learn how to find text in PDF using regex. Just copy and paste the code into your C# application's code and follow the instruction. Further enhancement of the code will make it more vigorous.

You can download free trial version of ByteScout PDF Extractor SDK from our website to see and try many others source code samples for C#.

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Source Code Files:

```

using System;
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(@"..\Invoice.pdf");

            extractor.RegexSearch = true; // Enable the regular expressions

            int pageCount = extractor.GetPageCount();

            // Search through pages
            for (int i = 0; i < pageCount; i++)
            {
                // Search dates in format 12/31/1999
                string regexPattern = "[0-9]{2}/[0-9]{2}/[0-9]{4}";
                // See the complete regular expressions reference at https://msdn.micro

                // Search each page for the pattern
                if (extractor.Find(i, regexPattern, false))
                {
                    do
                    {
                        Console.WriteLine("");
                        Console.WriteLine("Found on page " + i + " at location " + extractor.FindLocation());
                        Console.WriteLine("");

                        // Iterate through each element in the found text
                        foreach (ISearchResultElement element in extractor.FoundText.Elements)
                        {
                            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);
                            Console.WriteLine();
                        }
                    } 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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