

How to find phone number in PDF with regex in C# with ByteScout PDF Extractor SDK

The tutorial shows how to find phone number in PDF with regex in C#

The sample source codes on this page shows how to find phone number in PDF with regex in C#. Want to find phone number in PDF with regex in your C# app? ByteScout PDF Extractor SDK is designed for it. ByteScout PDF Extractor SDK is the SDK is designed to help developers with pdf tables and pdf 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 other utilities.

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 phone number in PDF with regex. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Detailed tutorials and documentation are available along with installed ByteScout PDF Extractor SDK if you'd like to dive deeper into the topic and the details of the API.

Free trial version of ByteScout PDF Extractor SDK is available on our website. Documentation and source code samples are included.

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Source Code Files:

Program.cs

```
using Bytescout.PDFExtractor;
using System;

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

                    // Load sample PDF document
                    extractor.LoadDocumentFromFile("samplePDF_PhoneNo.pdf");

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

                    int pageCount = extractor.GetPageCount();

                    // Search through pages
                    for (int i = 0; i < pageCount; i++)
                    {
                        // Search phoneNos in format 202-555-0130
                        string regexPattern = "[0-9]{3}-[0-9]{3}-[0-9]{4}";
                        // See the complete regular expressions reference at https://msdn.microsoft.com/en-us/library/az24398h(v=vs.100).aspx

                        // Search each page for the pattern
                        if (extractor.Find(i, regexPattern, false))
                        {
                            do
                            {
                                // Iterate through each element in the found text
                                foreach (ISearchResultElement element in extractor.FoundText)
                                {
                                    Console.WriteLine("Found Phone No: " + element.Text);
                                }
                            } while (extractor.FindNext());
                        }
                    }
                }
            }
            catch (Exception ex)
            {
                Console.WriteLine("Error: " + ex.Message);
            }
        }
    }
}
```

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

VIDEO

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

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