

How to find SSN in PDF with regex with PDF extractor SDK in C# using ByteScout Data Extraction Suite

Learning is essential in computer world and the tutorial below will demonstrate how to find SSN in PDF with regex with PDF extractor SDK in C#

The sample shows instructions and algorithm of how to find SSN in PDF with regex with PDF extractor SDK and how to make it run in your C# application. 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. It can be applied to find SSN in PDF with regex with PDF extractor SDK using C#.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Data Extraction Suite for find SSN in PDF with regex with PDF extractor SDK below and use it in your application. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. Enjoy writing a code with ready-to-use sample codes in C#.

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

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Source Code Files:

```
using Bytescout.PDFExtractor;
using System;

namespace FindSSNNumberRegexp
{
    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_SSNNNo.pdf");

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

                    int pageCount = extractor.GetPageCount();

                    // Search through pages
                    for (int i = 0; i < pageCount; i++)
                    {
                        // Search SSN in format 202-55-0130
                        string regexPattern = "[0-9]{3}-[0-9]{2}-[0-9]{4}";
                        // See the complete regular expressions reference at https://ms

                        // 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 SSN 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=NEwNs2b9YN8>

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