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

This tutorial will show how to find SSN in PDF with regex in C#

Source code documentation samples provide quick and easy way to add a required functionality into your application. ByteScout PDF Extractor SDK is the Software Development Kit (SDK) that is designed to help developers with 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. It can find SSN in PDF with regex in C#.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout PDF Extractor SDK for find SSN in PDF with regex below and use it in your application. Follow the instructions from the scratch to work and copy the C# code. Enjoy writing a code with ready-to-use sample C# codes.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

Program.cs

```csharp
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_SSNNo.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.Foun
                                {
                                    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=s28W3_KMraU

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