

## How to find US address in PDF with regex with PDF extractor SDK in C# using ByteScout PDF Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to find US address in PDF with regex with PDF extractor SDK in C#

The sample source code below will teach you how to find US address in PDF with regex with PDF extractor SDK in C#. Want to find US address in PDF with regex with PDF extractor SDK in your C# app? ByteScout PDF Suite is designed for it. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript.

The following code snippet for ByteScout PDF Suite works best when you need to quickly find US address in PDF with regex with PDF extractor SDK in your C# 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. 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.

Our website gives trial version of ByteScout PDF Suite for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

## Program.cs

```
using Bytescout.PDFExtractor;
using System;

namespace FindUsAddressRegex
{
    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_Address.pdf");

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

                    int pageCount = extractor.GetPageCount();

                    // Search through pages
                    for (int i = 0; i < pageCount; i++)
                    {
                        // Search Address
                        string regexPattern = @"((\w+[ ,])+ ){2}([a-zA-Z]){2}[ , ] (\d+|))";
                        // See the complete regular expressions reference at https://msdn.microsoft.com/en-us/library/az24n4fz.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 Address: " + element.Text);
                                }
                            } while (extractor.FindNext());
                        }
                    }
                }
            }
            catch (Exception ex)
            {
                Console.WriteLine("Error: " + ex.Message);
            }
        }
    }
}
```

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

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## VIDEO

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

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