How to find US address in PDF with regex in VB.NET using ByteScout PDF Extractor SDK

This code in VB.NET shows how to find US address in PDF with regex with this how to tutorial

Learn how to find US address in PDF with regex in VB.NET with this source code sample. ByteScout PDF Extractor SDK: 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 US address in PDF with regex in VB.NET.

This rich sample source code in VB.NET for ByteScout PDF Extractor SDK includes the number of functions and options you should do calling the API to find US address in PDF with regex. Follow the instructions from the scratch to work and copy the VB.NET code. Implementing VB.NET application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Download free trial version of ByteScout PDF Extractor SDK from our website with this and other source code samples for VB.NET.

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Source Code Files:

Program.vb

```vb
Imports Bytescout.PDFExtractor

Module Program

    Sub Main()

        Try
            ' Create Bytescout.PDFExtractor.TextExtractor instance
            Using extractor As TextExtractor = New TextExtractor()
                extractor.RegistrationName = "demo"
                extractor.RegistrationKey = "demo"

                ' Load sample PDF document
                extractor.LoadDocumentFromFile("samplePDF_Address.pdf")

                ' Enable the regular expression
                extractor.RegexSearch = True

                Dim pageCount As Integer = extractor.GetPageCount()

                ' Search through pages
                For i As Integer = 0 To pageCount - 1
                    ' Search Address
                    Dim regexPattern = "((\w+[ ,])+ ){2}([a-zA-Z]){2}[ , ] (\d+)"
                    ' See the complete regular expressions reference at https://msdn.m

                    ' Search each page for the pattern
                    If extractor.Find(i, regexPattern, False) Then

                        Do
                            ' Iterate through each element in the found text
                            For Each element As ISearchResultElement In extractor.Found
                                Console.WriteLine("Found Address: " & element.Text)
                            Next
                        Loop While extractor.FindNext()

                    End If
                Next
            End Using

        Catch ex As Exception
            Console.WriteLine("Error: " & ex.Message)
        End Try

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

    End Sub
```

```
End Module
```

VIDEO

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

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