

How to find SSN number in PDF with regex in VB.NET using ByteScout PDF Extractor SDK

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Learn how to find SSN number 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 SSN number in PDF with regex in VB.NET.

The SDK samples like this one below explain how to quickly make your application do find SSN number in PDF with regex in VB.NET with the help of ByteScout PDF Extractor SDK. In your VB.NET project or application you may simply copy & paste the code and then run your app! You can use these VB.NET sample examples in one or many applications.

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.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_SSNNo.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 SSN in format 202-55-0130
                    Dim regexPattern As String = "[0-9]{3}-[0-9]{2}-[0-9]{4}"
                    ' See the complete regular expressions reference at https://msdn.microsoft.com/en-us/library/az24272e.aspx

                    ' 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.FoundText(i)
                                Console.WriteLine("Found SSN No: " & 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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