How to PDF text search API in VB.NET using PDF.co Web API

How to PDF text search API in VB.NET

Learn how to PDF text search API in VB.NET with this source code sample. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf. It can PDF text search API in VB.NET.

Fast application programming interfaces of PDF.co Web API for VB.NET plus the instruction and the code below will help you quickly learn how to PDF text search API. In order to implement the functionality, you should copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Further enhancement of the code will make it more vigorous.

Free trial version of PDF.co Web API is available on our website. Documentation and source code samples are included.

VB.NET - Module1.vb

```
Imports System.IO
Imports System.Net
Imports Newtonsoft.Json.Linq

Module Module1

    ' The authentication key (API Key).
    ' Get your own by registering at https://app.pdf.co/documentation/api
    Const API_KEY As String = "**********************************"

    ' Direct URL of source PDF file.
    Const SourceFileUrl As String = "https://bytescout-
com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-text/sample.pdf"

    ' Comma-separated list of page indices (or ranges) to process. Leave empty for
all pages. Example: '0,2-5,7-'.
    Const Pages As String = ""

    ' PDF document password. Leave empty for unprotected documents.
    Const Password As String = ""

    ' Search string.
    Const SearchString As String = "\d{1,}\.\d\d" 'Regular expression To find numbers
Like '100.00'
    ' Note: Do Not use `+` char in regex, but use `{1,}` instead.
    ' `+` char Is valid for URL And will Not be escaped, And it will become a space
```

```
char on the server side.

    ' Enable regular expressions (Regex)
    Const RegexSearch As Boolean = True

    Sub Main()

        ' Create standard .NET web client instance
        Dim webClient As WebClient = New WebClient()

        ' Set API Key
        webClient.Headers.Add("x-api-key", API_KEY)

        ' Prepare URL for PDF text search API call.
        ' See documentation: https : //app.pdf.co/documentation/api/1.0/pdf/find.html
        Dim query As String = Uri.EscapeUriString(
            String.Format("https://api.pdf.co/v1/pdf/find?password={0}&pages={1}&url=
{2}&searchString={3}®exSearch={4}",
                Password,
                Pages,
                SourceFileUrl,
                SearchString,
                RegexSearch))

        Try
            ' Execute request
            Dim response As String = webClient.DownloadString(query)

            ' Parse JSON response
            Dim json As JObject = JObject.Parse(response)

            If json("error").ToObject(Of Boolean) = False Then

                For Each item As JToken In json("body")
                    Console.WriteLine($"Found text {item("text")} at coordinates
{item("left")}, {item("top")}")
                Next

            Else
                Console.WriteLine(json("message").ToString())
            End If

        Catch ex As WebException
            Console.WriteLine(ex.ToString())
        End Try

        webClient.Dispose()


        Console.WriteLine()
        Console.WriteLine("Press any key...")
        Console.ReadKey()

    End Sub

End Module
```