How to convert PDF to CSV from uploaded file for PDF to CSV API in VB.NET with ByteScout Cloud API Server

How to convert PDF to CSV from uploaded file for PDF to CSV API in VB.NET: Step By Step Instructions

The documentation is written to assist you to apply all the necessary features on your side. ByteScout Cloud API Server was designed to assist PDF to CSV API in VB.NET. ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using buil-in ByteScout powered engine, no cloud services are used to process your data!.

VB.NET code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement PDF to CSV API in your VB.NET application. Open your VB.NET project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample VB.NET codes to add PDF to CSV API functions using ByteScout Cloud API Server in VB.NET.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your VB.NET project.

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Source Code Files:

ByteScoutWebApiExample.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.26730.10
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "ByteScoutWebApiExample", "ByteScou
EndProject
Global
        GlobalSection(SolutionConfigurationPlatforms) = preSolution
                Debug|Any CPU = Debug|Any CPU
                Release|Any CPU = Release|Any CPU
        EndGlobalSection
        GlobalSection(ProjectConfigurationPlatforms) = postSolution
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.ActiveCfg = Debug
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|Ar
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Rele
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Releas
        EndGlobalSection
        GlobalSection(SolutionProperties) = preSolution
                HideSolutionNode = FALSE
        EndGlobalSection
        GlobalSection(ExtensibilityGlobals) = postSolution
                SolutionGuid = {4576C9BB-A42D-46A8-9198-7E2982E122FA}
        EndGlobalSection
EndGlobal
```

Module1.vb

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

' Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://loc
' If it's not then please replace this with with your hosting url.
Module Module1

        ' Source PDF file
        const SourceFile as String = ".\sample.pdf"
        ' Comma-separated list of page indices (or ranges) to process. Leave empty for
        const Pages as String = ""
        ' PDF document password. Leave empty for unprotected documents.
        const Password As String = ""
        ' Destination CSV file name
        const DestinationFile as String = ".\result.csv"
```

```vbnet
Sub Main()

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

        ' 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
        ' * If you already have a direct file URL, skip to the step 3.

        ' Prepare URL for `Get Presigned URL` API call
        Dim query As string = Uri.EscapeUriString(string.Format(
                "https://localhost/file/upload/get-presigned-url?contenttype=ap
                Path.GetFileName(SourceFile)))

        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
                        ' Get URL to use for the file upload
                        Dim uploadUrl As string = json("presignedUrl").ToString
                        ' Get URL of uploaded file to use with later API calls
                        Dim uploadedFileUrl As string = json("url").ToString()

                        ' 2. UPLOAD THE FILE TO CLOUD.

                        webClient.Headers.Add("content-type", "application/octe
                        webClient.UploadFile(uploadUrl, "PUT", SourceFile) ' Yo

                        ' 3. CONVERT UPLOADED PDF FILE TO CSV

                        ' Prepare URL for `PDF To CSV` API call
                        query = Uri.EscapeUriString(String.Format(
                                "https://localhost/pdf/convert/to/csv?name={0}&
                                Path.GetFileName(DestinationFile),
                                Password,
                                Pages,
                                uploadedFileUrl))

                        ' Execute request
                        response = webClient.DownloadString(query)

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

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

                                ' Get URL of generated CSV file
                                Dim resultFileUrl As string = json("url").ToStr

                                ' Download CSV file
                                webClient.DownloadFile(resultFileUrl, Destinati

                                Console.WriteLine("Generated CSV file saved as

                        Else
                                Console.WriteLine(json("message").ToString())
```

```vbnet
                    End If

                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
```

packages.config

```xml
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Newtonsoft.Json" version="10.0.3" targetFramework="net40" />
</packages>
```

VIDEO

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

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