

How to split PDF from uploaded file for PDF splitting API in VB.NET using ByteScout Cloud API Server

How to split PDF from uploaded file in VB.NET with easy ByteScout code samples to make PDF splitting API. Step-by-step tutorial

These source code samples are listed and grouped by their programming language and functions they use. PDF splitting API in VB.NET can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

The SDK samples displayed below explain how to quickly make your application do PDF splitting API in VB.NET with the help of ByteScout Cloud API Server. Open your VB.NET project and simply copy & paste the code and then run your app! Check VB.NET sample code examples to see if they respond to your needs and requirements for the project.

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", "ByteScoutWebApiExample.csproj", "{F184B08F-C81C-45F6-A57F-5ABD9991F28F}"
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|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Release|Any CPU
    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://localhost:4431/"
' If it's not then please replace this with with your hosting url.
Module Module1

    ' Source PDF file to split
    const SourceFile as String = ".\sample.pdf"
    ' Comma-separated list of page numbers (or ranges) to process. Example: '1,3-5'
    const Pages as String = "1-2,3-"

    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/octet-stream")
        webClient.UploadFile(uploadUrl, "PUT", SourceFile) ' You can use SourceFile.FullName here if you want to upload the file from the current directory.

        ' 3. SPLIT UPLOADED PDF

        ' Prepare URL for `Split PDF` API call
        query = Uri.EscapeUriString(String.Format(
            "https://localhost/pdf/split?pages={0}&url={1}",
            Pages,
            uploadedFileUrl))

        ' Execute request
        response = webClient.DownloadString(query)

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

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

            ' Download generated PDF files
            Dim part As Integer = 1
            For Each token As JToken In json("urls")

                Dim resultFileUrl As string = token.ToString()
                Dim localFileName As String = String.Format("part_{0}.pdf", part)

                webClient.DownloadFile(resultFileUrl, localFileName)

                Console.WriteLine("Downloaded ""{0}"".", localFileName)
                part = part + 1
            Next

        Else

```

```

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