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

Learn in simple ways: How to convert PDF to JSON from uploaded file for PDF to JSON API in VB.NET

The documentation is written to assist you to apply all the necessary features on your side. ByteScout Cloud API Server helps with PDF to JSON 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!.

If you want to speed up the application's code writing then VB.NET code samples for VB.NET developers help to implement using ByteScout Cloud API Server. This sample code in VB.NET is all you need. Just copy-paste it to the code editor, then add a reference to ByteScout Cloud API Server and you are ready to try it! This basic programming language sample code for VB.NET will do the whole work for you in implementing PDF to JSON API in your app.

Trial version of ByteScout is available for free download from our website. This and other source code samples for VB.NET and other programming languages are available.

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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|An
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Rel
                {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://lo
' 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 JSON file name
```

```vbnet
        const DestinationFile as String = ".\result.json"

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 JSON

                        ' Prepare URL for `PDF To JSON` API call
                        query = Uri.EscapeUriString(String.Format(
                            "https://localhost/pdf/convert/to/json?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 JSON file
                                Dim resultFileUrl As string = json("url").ToStr

                                ' Download JSON file
                                webClient.DownloadFile(resultFileUrl, Destinat

                                Console.WriteLine("Generated JSON file saved a

                        Else
```

```vbnet
                                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
<?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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