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How to convert PDF to JSON from uploaded file for PDF to JSON API in VB.NET using PDF.co Web API

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

Source code documentation samples provide quick and easy way to add a required functionality into your application. PDF.co Web API helps with PDF to JSON API in VB.NET. 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.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Open your VB.NET project and simply copy & paste the code and then run your app! 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.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your VB.NET application included into trial version.

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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

Module Module1

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

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

```
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)
```

```
    ' 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://api.pdf.co/v1/file/upload/get-presigned-url?contenttype={0}&fileName={1}&password={2}",  
        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 also use SourceFile.FullName
```

```
        ' 3. CONVERT UPLOADED PDF FILE TO JSON
```

```
        ' Prepare URL for `PDF To JSON` API call  
        query = Uri.EscapeUriString(String.Format(  
            "https://api.pdf.co/v1/pdf/convert/to/json?name={0}&password={1}&pages={2}&url={3}",  
            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").ToString()
```

```
            ' Download JSON file  
            webClient.DownloadFile(resultFileUrl, DestinationFile)
```

```
            Console.WriteLine("Generated JSON file saved as " & DestinationFile)
```

```
        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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