

How to convert PDF to XLS from uploaded file for PDF to excel API in VB.NET and PDF.co Web API

Learn how to convert PDF to XLS from uploaded file to have PDF to excel API in VB.NET

Writing of the code to convert PDF to XLS from uploaded file in VB.NET can be done by developers of any level using PDF.co Web API. PDF.co Web API was made to help with PDF to excel 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. Follow the instruction and copy - paste code for VB.NET into your project's code editor. Test VB.NET sample code examples whether they respond your needs and requirements for the project.

Our website provides free trial version of PDF.co Web API that includes source code samples to help 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", "{...}"
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 XLS file name
    const DestinationFile as String = ".\result.xls"

    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}",
    Path.GetExtension(SourceFile),
    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 webClient.UploadData

        ' 3. CONVERT UPLOADED PDF FILE TO XLS

        ' Prepare URL for `PDF To XLS` API call
        query = Uri.EscapeUriString(String.Format(
            "https://api.pdf.co/v1/pdf/convert/to/xls?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 XLS file
            Dim resultFileUrl As string = json("url").ToString()

            ' Download XLS file
            webClient.DownloadFile(resultFileUrl, DestinationFile)

            Console.WriteLine("Generated XLS 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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