

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

See how to convert PDF to CSV from uploaded file to have PDF to CSV API in VB.NET

Today you are going to learn how to convert PDF to CSV from uploaded file in VB.NET. PDF.co Web API was made to help with PDF to CSV API in VB.NET. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

Fast application programming interfaces of PDF.co Web API for VB.NET plus the instruction and the code below will help to learn how to convert PDF to CSV from uploaded file. 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.

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", "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 CSV file name
    const DestinationFile as String = ".\result.csv"
```

```
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}&pages={3}&uploadUrl={4}",  
        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 CSV
```

```
        ' Prepare URL for `PDF To CSV` API call  
        query = Uri.EscapeUriString(String.Format(  
            "https://api.pdf.co/v1/pdf/convert/to/csv?name={0}&password={1}&pages={2}&uploadUrl={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 CSV file  
            Dim resultFileUrl As string = json("url").ToString()
```

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

```
            Console.WriteLine("Generated CSV 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>
```

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VIDEO

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

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