

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

### Step By Step Tutorial: how to convert PDF to CSV from URL for PDF to CSV API in VB.NET

ByteScout tutorials explain the code material for beginners and advanced programmers who are using VB.NET. PDF.co Web API helps with PDF to CSV 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.

This rich sample source code in VB.NET for PDF.co Web API includes the number of functions and options you should do calling the API to implement PDF to CSV API. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Test VB.NET sample code examples whether they respond your needs and requirements for the project.

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", "ByteScoutWebApiExample.sln"
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 = "*****"

    ' Direct URL of source PDF file.
    Const SourceFileUrl As String = "https://bytescout-com.s3.amazonaws.com/files/..."
    ' 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"

End Module
```

```
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)
```

```
    ' Prepare URL for `PDF To CSV` API call  
    Dim query As String = Uri.EscapeUriString(String.Format(  
        "https://api.pdf.co/v1/pdf/convert/to/csv?name={0}&password={1}  
        Path.GetFileName(DestinationFile),  
        Password,  
        Pages,  
        SourceFileUrl))
```

```
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 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 \"{0}\"")
```

```
    Else
```

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

```
    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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