

## How to convert CSV to PDF from uploaded file for CSV to PDF API in VB.NET using ByteScout Cloud API Server

Step-by-step tutorial:How to convert CSV to PDF from uploaded file to have CSV to PDF API in VB.NET

Quick guide:Learn how to convert CSV to PDF from uploaded file in VB.NET. ByteScout Cloud API Server was designed to assist CSV to PDF 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 built-in ByteScout powered engine, no cloud services are used to process your data!.

VB.NET code snippet like this for ByteScout Cloud API Server works best when you need to quickly implement CSV to PDF API in your VB.NET application. 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! Easy to understand tutorials are available along with installed ByteScout Cloud API Server if you'd like to learn more about the topic and the details of the API.

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

' Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:5000/"
' If it's not then please replace this with with your hosting url.

Module Module1

    ' Source CSV file
    const SourceFile as string = ".\sample.csv"
    ' Destination PDF file name
    const DestinationFile as string = ".\result.pdf"

    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/octet-stream")
        webClient.UploadFile(uploadUrl, "PUT", SourceFile) ' You can use SourceFile or uploadUrl

        ' 3. CONVERT UPLOADED CSV FILE TO PDF

        ' Prepare URL for `CSV To PDF` API call
        query = Uri.EscapeUriString(String.Format(
            "https://localhost/pdf/convert/from/csv?name={0}&url={1}",
            Path.GetFileName(DestinationFile),
            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 PDF file
            Dim resultFileUrl As string = json("url").ToString()

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

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

        Else
            Console.WriteLine(json("message").ToString())
        End If
    End If
End Try

```

```
        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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