

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

Learn to write code convert PDF to text from uploaded file for PDF to text API in VB.NET: Simple How To Tutorial

Writing of the code to convert PDF to text from uploaded file in VB.NET can be done by developers of any level using ByteScout Cloud API Server. ByteScout Cloud API Server was designed to assist PDF to text 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 PDF to text API in your VB.NET application. Follow the tutorial and copy - paste code for VB.NET into your project's code editor. Check VB.NET sample code examples to see if they respond to your needs and requirements for the project.

Free! Free! Free! ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are assembled.

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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 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 TXT file name
    const DestinationFile as String = "output.txt"
```

```

const DestinationFile as String = ".\result.txt"

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

            ' 3. CONVERT UPLOADED PDF FILE TO TXT

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

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

                Console.WriteLine("Generated TXT 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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