

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

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

This page displays the code samples for programming in VB.NET. ByteScout Cloud API Server was designed to assist PDF to HTML API in VB.NET. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

This simple and easy to understand sample source code in VB.NET for ByteScout Cloud API Server contains different functions and options you should do calling the API to implement PDF to HTML API. 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! Use of ByteScout Cloud API Server in VB.NET is also described in the documentation given along with the product.

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 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 HTML file name
    const Destination as String = "output.html"
```

```

const DestinationFile as String = ".\result.html"
' Set to `true` to get simplified HTML without CSS. Default is the rich HTML k
const PlainHtml as Boolean = False
' Set to `true` if your document has the column layout like a newspaper.
const ColumnLayout as Boolean = False

```

```

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 the 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()
    End If

```

```

    ' 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 HTML

```

```

    ' Prepare URL for `PDF To HTML` API call
    query = Uri.EscapeUriString(String.Format(
        "https://localhost/pdf/convert/to/html?name={0}&password={1}&pages={2}&plainhtml={3}&columnlayout={4}&uploadedfileurl={5}",
        Path.GetFileName(DestinationFile),
        Password,
        Pages,
        PlainHtml,
        ColumnLayout,
        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 HTML file
        Dim resultFileUrl As string = json("url").ToString()
    End If

```

```

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

        Console.WriteLine("Generated HTML 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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