

How to convert images to PDF from uploaded files for image to PDF API in VB.NET using ByteScout Cloud API Server

How to convert images to PDF from uploaded files for image to PDF API in VB.NET: Step By Step Instructions

These simple tutorials explain the code material for beginners and advanced programmers who are using VB.NET. ByteScout Cloud API Server was designed to assist image to PDF API in VB.NET. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) 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!.

Use the code displayed below in your application to save a lot of time on writing and testing code. 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! You can use these VB.NET sample examples in one or many applications.

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 image files
    Dim ImageFiles() As String = New String() {".\image1.png", ".\image2.jpg"}
    ' 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. UPLOAD FILES TO CLOUD
Dim uploadedFiles As List(Of String) = New List(Of String)()

Try
    For Each imageFile As String In ImageFiles

        ' 1a. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.

        ' Prepare URL for `Get Presigned URL` API call
        Dim query As String = Uri.EscapeUriString(String.Format(
            "https://localhost/file/upload/get-presigned-url?path={0}",
            Path.GetFileName(imageFile)))

        ' 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")
            ' Get URL of uploaded file to use with later API call
            Dim uploadedFileUrl As String = json("url").ToString()

            ' 1b. UPLOAD THE FILE TO CLOUD.

            webClient.Headers.Add("content-type", "application/octet-stream")
            webClient.UploadFile(uploadUrl, "PUT", imageFile)

            uploadedFiles.Add(uploadedFileUrl)

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

    Next

    If uploadedFiles.Count > 0 Then

        ' 2. CREATE PDF DOCUMENT FROM UPLOADED IMAGE FILES

        ' Prepare URL for `Image To PDF` API call
        Dim query As String = Uri.EscapeUriString(String.Format(
            "https://localhost/pdf/convert/from/image?name={0}&files={1}",
            Path.GetFileName(DestinationFile),
            String.Join(",", uploadedFiles)))

        ' 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 PDF file

```

```

        Dim resultFileUrl As String = json("url").ToString()

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

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

    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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