

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

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

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 PDF to image 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!.

The SDK samples displayed below explain how to quickly make your application do PDF to image API in VB.NET with the help of ByteScout Cloud API Server. Follow the tutorial and copy - paste code for VB.NET into your project's code editor. Writing VB.NET application mostly includes various stages of the software development so even if the functionality works please check it with your data and the production environment.

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.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Cloud API Server](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Cloud API Server](#)

[Get Free API key for Web API](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

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:4431/"
' 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 = ""

End Module
```

```
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=application/pdf&fileName={0}",
        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 also use webClient.UploadData(uploadUrl, "PUT", File.ReadAllBytes(SourceFile))
```

```
        ' 3. CONVERT UPLOADED PDF FILE TO JPEG
```

```
        ' Prepare URL for `PDF To JPEG` API call
```

```
        query = Uri.EscapeUriString(String.Format(
            "https://localhost/pdf/convert/to/jpg?password={0}&pages={1}&url={2}",
            Password,
            Pages,
            uploadedFileUrl))
```

```
        ' Execute request
```

```
        response = webClient.DownloadString(query)
```

```
        ' Parse JSON response
```

```
        json = JObject.Parse(response)
```

```
        If json("error").ToObject(Of Boolean) = False Then
```

```
            ' Download generated JPEG files
```

```
            Dim page As Integer = 1
```

```
            For Each token As JToken In json("urls")
```

```
                Dim resultFileUrl As string = token.ToString()
```

```
                Dim localFileName As String = String.Format("file_{0}_{1}.jpg", token.ToString(), page)
```

```
                webClient.DownloadFile(resultFileUrl, localFileName)
```

```
                Console.WriteLine("Downloaded \"{0}\".", localFileName)
```

```
                page = page + 1
```

```

                                Next
                        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>

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Cloud API Server Home Page](#)
[Explore ByteScout Cloud API Server Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Cloud API Server Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com