

How to convert images to PDF from uploaded files for image to PDF API in VB.NET using PDF.co Web API

How to convert images to PDF from uploaded files in VB.NET with easy ByteScout code samples to make image to PDF API. Step-by-step tutorial

Sample source codes below will show you how to cope with a difficult task, for example, image to PDF API in VB.NET. PDF.co Web API was made to help with image to PDF API in VB.NET. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

The SDK samples like this one below explain how to quickly make your application do image to PDF API in VB.NET with the help of PDF.co Web API. For implementation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Enjoy writing a code with ready-to-use sample VB.NET codes to implement image to PDF API using PDF.co Web 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.

VB.NET - Module1.vb

```
Imports System.IO
Imports System.Net
Imports Newtonsoft.Json.Linq

Module Module1

    ' The authentication key (API Key).
    ' Get your own by registering at https://app.pdf.co/documentation/api
    Const API_KEY As String = "*****"

    ' 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()

        ' Set API Key
        webClient.Headers.Add("x-api-key", API_KEY)
```

```

' 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://api.pdf.co/v1/file/upload/get-
presigned-url?contenttype=application/octet-stream&name={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").ToString()

            ' Get URL of uploaded file to use with later
            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) ' You can use UploadData() instead if your file is byte[] or Stream

            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://api.pdf.co/v1/pdf/convert/from/image?name={0}&url={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,
DestinationFile)

            Console.WriteLine("Generated PDF file saved
as ""{0}"" file.", 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

```

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about PDF.co Web API](#)

[Explore documentation](#)

[Visit \[www.ByteScout.com\]\(http://www.ByteScout.com\)](#)

or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)