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

Tutorial: how to convert PDF to PNG from uploaded file for PDF to image API in VB.NET

The coding tutorials are designed to help you test the features without need to write your own code. PDF.co Web API was made to help with PDF to image API in VB.NET. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

Fast application programming interfaces of PDF.co Web API for VB.NET plus the instruction and the code below will help to learn how to convert PDF to PNG from uploaded file. Follow the instruction and copy - paste code for VB.NET into your project's code editor. Writing VB.NET application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your VB.NET application included into trial version.

VB.NET - Module1.vb

```vbnet
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 PDF file
        const SourceFile as String = ".\sample.pdf"
        ' Comma-separated list of page indices (or ranges) to process. Leave empty
for all pages. Example: '0,2-5,7-'.
        const Pages as String = ""
        ' PDF document password. Leave empty for unprotected documents.
        const Password as String = ""

        Sub Main()

                ' Create standard .NET web client instance
                Dim webClient As WebClient = New WebClient()
```

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

                ' 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://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name={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 use UploadData() instead if your file is byte array or Stream

                            ' 3. CONVERT UPLOADED PDF FILE TO PNG

                            ' Prepare URL for `PDF To PNG` API call
                            query = Uri.EscapeUriString(String.Format(
                                    "https://api.pdf.co/v1/pdf/convert/to/png?
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 PNG files
                                    Dim page As Integer = 1
                                    For Each token As JToken In json("urls")

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

```vbnet
                                                Dim localFileName As String =
String.Format(".\page{0}.png", 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
```

VB.NET - packages.config

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](#)

or

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