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How to convert images to PDF from uploaded files for image to PDF API in Python with PDF.co Web API

Follow this simple tutorial to learn convert images to PDF from uploaded files to have image to PDF API in Python

The sample source codes on this page will show you how to create image to PDF API in Python. Image to PDF API in Python can be applied with PDF.co Web API. 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.

Python code snippet like this for PDF.co Web API works best when you need to quickly implement image to PDF API in your Python application. This sample code in Python is all you need. Just copy-paste it to the code editor, then add a reference to PDF.co Web API and you are ready to try it! This basic programming language sample code for Python will do the whole work for you in implementing image to PDF API in your app.

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

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

ConvertImagesToPdfFromUploadedFiles.py

```
import os
import requests # pip install requests

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

# Base URL for PDF.co Web API requests
BASE_URL = "https://api.pdf.co/v1"

# Source image files
ImageFiles = [".\\image1.png", ".\\image2.jpg"]
# Destination PDF file name
DestinationFile = ".\\result.pdf"

# Container for uploaded image file's url
UploadedImageFileUrls = []

def main(args = None):

    for inpImage in ImageFiles:
        inp_upload_file_url = uploadFile(inpImage)
        UploadedImageFileUrls.append(inp_upload_file_url)


    if len(UploadedImageFileUrls) > 0:
        uploadedFileUrl = ",".join(UploadedImageFileUrls)
        convertImageToPDF(uploadedFileUrl, DestinationFile)

def convertImageToPDF(uploadedFileUrl, destinationFile):
    """Converts Image to PDF using PDF.co Web API"""

    # Prepare URL for 'Image To PDF' API request
    url = "{}/pdf/convert/from/image?name={}&url={}".format(
        BASE_URL,
        os.path.basename(destinationFile),
        uploadedFileUrl
    )

    # Execute request and get response as JSON
    response = requests.get(url, headers={ "x-api-key": API_KEY, "content-type": "application/octet-stream" })
    if (response.status_code == 200):
        json = response.json()

        if json["error"] == False:
            #  Get URL of result file
            resultFileUrl = json["url"]
            # Download result file
            r = requests.get(resultFileUrl, stream=True)
            if (r.status_code == 200):
                with open(destinationFile, 'wb') as file:
                    for chunk in r:
                        file.write(chunk)
                print(f"Result file saved as \"{destinationFile}\" file.")
            else:
                print(f"Request error: {response.status_code} {response.reason}")
        else:
            # Show service reported error
            print(json["message"])
    else:
        print(f"Request error: {response.status_code} {response.reason}")


def uploadFile(fileName):
    """Uploads file to the cloud"""

    # 1. RETRIEVE PRESIGNED URL TO UPLOAD FILE.

    # Prepare URL for 'Get Presigned URL' API request
    url = "{}/file/upload/get-presigned-url?contenttype=application/octet-stream&name={}".format(
```

```
        BASE_URL, os.path.basename(fileName))

    # Execute request and get response as JSON
    response = requests.get(url, headers={ "x-api-key": API_KEY })
    if (response.status_code == 200):
        json = response.json()

        if json["error"] == False:
            # URL to use for file upload
            uploadUrl = json["presignedUrl"]
            # URL for future reference
            uploadedFileUrl = json["url"]

            # 2. UPLOAD FILE TO CLOUD.
            with open(fileName, 'rb') as file:
                requests.put(uploadUrl, data=file, headers={ "x-api-key": API_KEY, "content-type": "application/octet-stream

            return uploadedFileUrl
        else:
            # Show service reported error
            print(json["message"])
    else:
        print(f"Request error: {response.status_code} {response.reason}")

    return None


if __name__ == '__main__':
    main()
```

VIDEO

https://www.youtube.com/watch?v=NEwNs2b9YN8

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