How to convert DOC to PDF from uploaded file for DOC to PDF API in Python with ByteScout Cloud API Server

Learn to write code convert DOC to PDF from uploaded file for DOC to PDF API in Python: Simple How To Tutorial

Every ByteScout tool includes sample Python source codes that you can find here or in the folder with installed ByteScout product. DOC to PDF API in Python can be applied with ByteScout Cloud API Server. 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 connnection 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!.

This simple and easy to understand sample source code in Python for ByteScout Cloud API Server contains different functions and options you should do calling the API to implement DOC to PDF API. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. Use of ByteScout Cloud API Server in Python is also described in the documentation given along with the product.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your Python project.

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Source Code Files:

ConvertDocToPdfFromUploadedFile.py

```python
import os
import requests # pip install requests

# Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost".
# If it's not then please replace this with with your hosting url.

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

# Source DOC file
SourceFile = ".\\sample.docx"
# Destination PDF file name
DestinationFile = ".\\result.pdf"


def main(args = None):
    uploadedFileUrl = uploadFile(SourceFile)
    if (uploadedFileUrl != None):
        convertDOCToPDF(uploadedFileUrl, DestinationFile)


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

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

    # Execute request and get response as JSON
    response = requests.get(url, headers={ "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)
    if (response.status_code == 200):
        json = response.json()
```

```python
        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={ "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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