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How to convert CSV to PDF from uploaded file for CSV to PDF API in Python using ByteScout Cloud API Server

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

Check these thousands of pre-made source code samples for simple implementation in your own programming projects. ByteScout Cloud API Server helps with CSV to PDF API in Python. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

If you want to speed up the application's code writing then Python code samples for Python developers help to implement using ByteScout Cloud API Server. This Python sample code can be used by copying and pasting into your project. Once done,just compile your project and click Run. Enjoy writing a code with ready-to-use sample Python codes to implement CSV to PDF API using ByteScout Cloud API Server.

ByteScout Cloud API Server - 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.

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Source Code Files:

ConvertCsvToPdfFromUploadedFile.py

```
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 CSV file
SourceFile = ".\\sample.csv"
# Destination PDF file name
DestinationFile = ".\\result.pdf"


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


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

    # Prepare URL for 'CSV To PDF' API request
    url = "{}/pdf/convert/from/csv?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()
```

```
        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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