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How to get invoice info from uploaded file for invoice parser API in Python with ByteScout Cloud API Server

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..

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Source Code Files:

GetInvoiceInfoFromUploadedFile.py

```

import os
import requests # pip install requests

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

# 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://localhost"

# Source PDF file
SourceFile = ".\\sample.pdf"

def main(args = None):
    uploadedFileUrl = uploadFile(SourceFile)
    if (uploadedFileUrl != None):
        getInfoFromPDF(uploadedFileUrl)

def getInfoFromPDF(uploadedFileUrl):
    """Get Information using PDF.co Web API"""

    # Prepare requests params as JSON
    # See documentation: https://apidocs.pdf.co
    parameters = {}
    parameters["url"] = uploadedFileUrl
    parameters["inline"] = True

    # Prepare URL for 'invoice info' API request
    url = "{}pdf/invoiceparser".format(BASE_URL)

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

        if json["error"] == False:
            # Display information
            print(json["body"])
        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=
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, "co

            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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