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## **delete text from PDF in Python with ByteScout Cloud API Server**

ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server 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!.

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## **Source Code Files:**

**DeletePdfTextFromUploadedFile.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"
# PDF document password. Leave empty for unprotected documents.
Password = ""
# Destination PDF file name
DestinationFile = ".\result.pdf"

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

def deleteTextFromPdf(uploadedFileUrl, destinationFile):
    """DELETE TEXT FROM UPLOADED PDF FILE using PDF.co Web API"""

    # Prepare requests params as JSON
    # See documentation: https://apidocs.pdf.co
    parameters = {}
    parameters["name"] = os.path.basename(destinationFile)
    parameters["password"] = Password
    parameters["url"] = uploadedFileUrl
    parameters["searchString"] = "conspicuous"

    # Prepare URL for 'Delete Text from PDF' API request
    url = "{}pdf/edit/delete-text".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:
            # 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()

```

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## VIDEO

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

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