

How to add text and images to PDF in Python and ByteScout Cloud API Server

This code in Python shows how to add text and images to PDF with this how to tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. ByteScout Cloud API Server can add text and images to PDF. It can be applied from 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..

Want to quickly learn? This fast application programming interfaces of ByteScout Cloud API Server for Python plus the guidelines and the code below will help you quickly learn how to add text and images to PDF. Simply copy and paste in your Python project or application you and then run your app! Enjoy writing a code with ready-to-use sample Python codes.

You can download free trial version of ByteScout Cloud API Server from our website with this and other source code samples for Python.

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Source Code Files:

AddImagesToExistingPDF.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"

# Direct URL of source PDF file.
SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-edit/sample.pdf"

# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages. Example: '0,2-5,7-'.
Pages = ""

# PDF document password. Leave empty for unprotected documents.
Password = ""

# Destination PDF file name
DestinationFile = "../result.pdf"

# Image params
Type = "image"
X = 400
Y = 20
Width = 119
Height = 32
ImageUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-edit/logo.png"

def main(args = None):
    addImageToExistingPdf(DestinationFile)

def addImageToExistingPdf(destinationFile):
    """Add image using PDF.co Web API"""

    # Prepare URL for 'PDF Edit' API request
    url = "{}/pdf/edit/add?name={}&password={}&pages={}&url={}&type={}&x={}&y={}&width={}&height={}&urlimage={}".format(
        BASE_URL,
        os.path.basename(destinationFile),
        Password,
        Pages,
        SourceFileUrl,
        Type,
        X,
        Y,
        Width,
        Height,
        ImageUrl
    )

    # 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:
            print(f'Request error: {response.status_code} {response.reason}')
```

```
# Show service reported error
print(json["message"])
else:
    print(f"Request error: {response.status_code} {response.reason}")
if __name__ == '__main__':
    main()
```

VIDEO

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

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