

How to convert web page to PDF from link for HTML to PDF API in Python using ByteScout Cloud API Server

Step-by-step tutorial:How to convert web page to PDF from link to have HTML to PDF API in Python

Every ByteScout tool includes sample Python source codes that you can find here or in the folder with installed ByteScout product. ByteScout Cloud API Server was designed to assist HTML to PDF API in Python. 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 connection 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!.

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. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. This basic programming language sample code for Python will do the whole work for you in implementing HTML to PDF API in your app.

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:

ConvertWebPageToPdfFromLink.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"

# URL of web page to convert to PDF document.
SourceUrl = "http://www.usa.gov"
# Destination PDF file name
DestinationFile = ".\result.pdf"

def main(args = None):
    convertHTMLToPDF(SourceUrl, DestinationFile)

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

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

if __name__ == '__main__':
    main()
```

VIDEO

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

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