Twitch to Youtube

Functionality

1 - Insert the youtube api provides to you (studio.youtube.com)
2 - Insert Twitch URL (Last broadcast or a clip)
3 - Insert Youtube Video title
4 - Starting twitch downloading video process
5 - Take downloaded video and put on Newvideo folder with the Stating video
6 - Merge the videos
7 - Take output.mp4 and input to youtube

File Structure

Miniature	28/05/2021 15:23	File folder	
Newvideo	28/05/2021 15:22	File folder	
Oldvideos	28/05/2021 15:24	File folder	
clean&move	28/05/2021 14:44	Python File	2 KB
client_secret.json	28/05/2021 15:23	Text Document	0 KB
credentials.storage	28/05/2021 15:23	Text Document	0 KB
twitchtoyt	28/05/2021 14:44	Python File	2 KB

Twitchtoyt.py

```python
from moviepy.editor import *
import os
from natsort import natsorted
from simple_youtube_api.Channel import Channel
from simple_youtube_api.LocalVideo import LocalVideo


url = input('Twitch url video: ')
title = input('Youtube video title: ')

os.system('cd C:\Users\manuel\Desktop\TwitchtoYoutube\Newvideo &&
twitch-dl download ' + url)

L =[]

for root, dirs, files in
os.walk("C:\Users\manuel\Desktop\TwitchtoYoutube\Newvideo"):

    #files.sort()
    files = natsorted(files)
    for file in files:
        if os.path.splitext(file)[1] == '.mp4':
            filePath = os.path.join(root, file)
            video = VideoFileClip(filePath)
            L.append(video)

final_clip = concatenate_videoclips(L)
final_clip.to_videofile("output.mp4", fps=60, remove_temp=False)


# loggin into the channel
channel = Channel()
channel.login("C:\Users\manuel\Desktop\TwitchtoYoutube\client_secret.json"
, "C:\Users\manuel\Desktop\TwitchtoYoutube\credentials.storage") # For
more information check studio.youtube.com
```

```python
# setting up the video that is going to be uploaded
video = LocalVideo(file_path="output.mp4")

# setting snippet
video.set_title(title)
video.set_description("")
video.set_tags(["#UrbanroostersNetwork"])
video.set_category("music")
video.set_default_language("es-es")

# setting status
video.set_embeddable(True)
video.set_license("creativeCommon")
video.set_privacy_status("private")
video.set_public_stats_viewable(True)

# setting thumbnail
video.set_thumbnail_path('C:\Users\manuel\Desktop\TwitchtoYoutube\Miniatur
e\miniature.png')

# uploading video and printing the results
video = channel.upload_video(video)
print(video.id)
print(video)
```

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Example of a real result

https://www.youtube.com/watch?v=K9E8esz3spg&t=1s