STAGES

Stage 1 – scraping the top memes from the meme subreddit

Stage 2 – Merging the clips end to end

Stage 3 – Adding an ending page

Stage 4 – Optimising it and reducing the time it takes to make the video

Stage 5 – Try to automate this process so that I don’t have to run a script on a daily basis

Stage 6 – Try to automate the process of uploading it to social media be it youtube or Instagram.

**FINISH**

STAGE 1 TASKS

Research ways to find the top video posts

**SOLUTION**

Modify the url to take you to the top posts of that subreddit.

**To filter only video results –**

Use the search bar the the top of the subreddit and try these

type:image

type:video

type:link

type:text

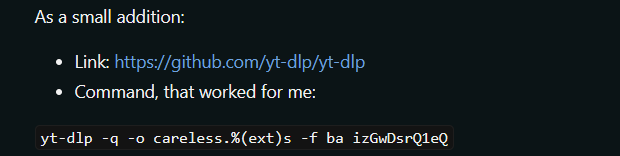
type:poll

Then check for any audio, if no audio, then remove it because otherwise would be no noise in the middle of the video.

Keep the length at around 15-20 seconds

Don’t allow nsfw content

10 WORD LIMIT ON THE REDDIT URL



Research ways to download from a link - ~~I think I have a solution for this.~~

YT-DLP LIBRARY – WILL TRY TOMORROW

<https://github.com/yt-dlp/yt-dlp>

<https://github.com/yt-dlp/yt-dlp#embedding-yt-dlp>

Command Line tool for audio-video download

Which videos to pick

So, ensure no nsfw

Make sure they are atmost 20 seconds

Flairs to potentially look at-

Potato quality

Sussy

Real

Sad ending

Earrape

Exclude:

Random mdo things

Sometimes reddit specific memes which would not be suitable for the video, but its rare – 1 in 100, so it is okay

Can get this error sometimes

{'message': 'Too Many Requests', 'error': 429}

This is mainly because since we are using requests library, everyone is using that library, so our request becomes part of all those requests by so many people, that results in too many requests error arising.

So , maybe should try to put some form of delay

SOLVED

Now the issue of merging

We can concatenate video clips together.

Moreover, they don’t even have to be of the same size, a container big enough for the biggest one will be created and then the video clips will go inside that

We can also add a transition clip, but I don’t think that would be relevant

We could add something like a fuzzy screen between memes but I am not too sure

//transition=my\_clip

Ok so concatenate\_videoclips does not scale the video up, it just takes the raw

Okay, so now lets think about how to scale up the video

So to get minimum loss of content, we would want that one dimension match and some black background in the other dimension

So if I have (a,b)

And lets say I have a maximum of (c,d)

So (c,d) becomes the standard for that collection of video clips

So we try to change a to c and do the corresponding change to b

Do the same thing except change b to d and change to a

Then if equal, then wont matter if case 1 or case 2 is chosen

If changed b > d, then choose case 2

If changed a > c, then choose case 1

No but then the issue is how do you find the biggest one

Go through all the posts which would usually be like 5-6 clips and then find the aspect ratios, find the common aspect ratio otherwise just take the biggest one so that everything else would be in black background, like everything else will be smaller

Yaa this could work

Aspect ratio = height / width

ok so what I could do is resize them all to a standard resolution, and then find the one with the biggest height

ENSURE THAT THE PATH SI

Use pathlib to establish a base directory and construct relative paths

This would be a good thing to have