1. Install python 3.12.xx, 3.11.xx, 3.10.xx, 3.9.xx or 3.8.xx, be sure to add python to PATH while installing it

2. Install Microsoft Visual C++ Redistributable

https://aka.ms/vs/17/release/vc_redist.x64.exe

3. Run install.bat

4. For services:

Netflix (NF), Crunchyroll (CR), Stan, ParamountPlus (PMTP), iTunes, DisneyPlus (DSNP), StarPlus, Crave

 -> go to the folder \vinetrimmer and **add your email and password** of those services in vinetrimmer\vinetrimmer.yml (open the file with Notepad++ or VSCode).

For other services (not listed up):

-> go to **\vinetrimmer\cookies\<servicefullname – example: Netflix>\default.txt** (name of cookies file depends on choosen profile name in vinetrimmer.yml, default is default.txt)

5. **Getting cookies**

For Firefox, use this addon:

https://addons.mozilla.org/en-US/firefox/addon/cookies-txt-one-click/

For Blink based browser (I recommend Edge or Chromium)

https://chromewebstore.google.com/detail/get-cookiestxt-clean/ahmnmhfbokciafffnknlekllgcnafnie

Example:

go to netflix.com and download the cookies, rename the file to default.txt (or your profile name) and put it in.

vinetrimmer\Cookies\Netflix

In other word, its always like:

\vinetrimmer\cookies\<servicefullname – example: Netflix>\<profile_name – example: default>.txt

6. For Netflix you will need to add the ESN in Netflix.yml, which is in the folder *vinetrimmer\config\services*

Generating of Netflix´s ESN is now happening automatically for Chrome CDM and L3 and it is being refreshed after 6 hours. For L1 or manual config, use the examples from the file Netflix.yml from the folder example_configs to understand how to add the correct ESN.

Service NETFLIX (NF):

Netflix has 3 encoding profiles, which they´ve different quality, you can let VT select the **BEST in terms of video bitrate**. In default, all 3 are searched, but you can specify them… (more info below)

Example:

>   poetry run vt dl -q 1080 -al en -sl en -w S01E01 Netflix -p MPL+HPL+QC 80189685

To specify which profile do you want:

>   **HIGH profile** use **-p HPL**, **MAIN profile** use **-p MPL, PRK-QC**, use **-p QC**

Example: (let you download the best stream avaible in high profile)

>   poetry run vt dl -al en -sl en -w S01E1 Netflix -p HPL 80189685

>   poetry run vt dl -al en -sl en -w S01E1 Netflix -p MPL+HPL 80189685

CDM KEY REQUEST COMPATIBILITY:

*(you can select which quality stream you want by using **-q <p value>** command. **Example: -q 1080p**)*

L3:

>   The script does not support decrypting the videos with MAIN or HIGH profiles in 1080p or 720p (only MAIN profile in 480p and HIGH profile in 540p will get decrypted) using cdm l3,

Chrome CDM:

>   All profiles upto 1080p

L1:

>   **„Normal" L1** – upto 1080p; **Whitelisted L1** – upto 4K

If you want to downlod the video for a specific seasons or all the seasons use:

>   poetry run vt dl -al en -sl en **-w S01** Netflix -p HPL 80189685

>   poetry run vt dl -al en -sl en **-w S01,S03** Netflix -p HPL 80189685

poetry run vt dl -al en -sl en **-w S01-S05** Netflix -p HPL 80189685

If you want to downlod the video for a specific episodes or specific episodes from specific seasons use:

poetry run vt dl -al en -sl en -w S01**E01** Netflix -p HPL 80189685

poetry run vt dl -al en -sl en -w S01**E01** Netflix -p HPL 80189685

To download the video of a movie use:

poetry run vt dl -al en -sl en Netflix -p HPL **81252357**

To download multiple audio languages use:

(-al <language_2letters>), for multiple (-al <firstlanguage>,<nextlanguage>,…)

poetry run vt dl **-al en,es,fr** -sl en Netflix -p HPL 81252357

To download all the audio languages use:

(-al all) command

poetry run vt dl **-al all** -sl en Netflix -p HPL 81252357

For downloading subtitles, rules are the same, just use „-sl" command instead.

If you did not choose a language for the audio the script will download the original audio language, and if you did not choose a language for the subtitles the script will download all the available subtitles.

Example of selecting audio track (can be video track too -vb command) by bitrate:

poetry run vt dl **-A -ab 96** -al en -sl en -w S01E1 Netflix 80189685

Service Amazon (AMZN):

To download the video from amazon.com, or primevideo.com you will need to get the asin for the videos. All Amazon commands are same as for Prime Video, always use Amazon commands for both!

Use this userscript (tampermonkey browser extension) for getting ASIN:

https://greasyfork.org/en/scripts/381997-amazon-video-asin-display

For downloading the video of an episode use same commands as for Netlix.

CDM key requests are the same as for Netflix.

For GETTING 4K TRACKS, you have to put *-q 2160* command and get cookies from „on the TV OTP AMZN" site!

For PRIMEVIDEO (PV): https://www.primevideo.com/region/eu/ontv/code

For AMZN US: https://amazon.com/mytv

For AMZN JP (Japan): https://amazon.co.jp/mytv

Similliar for other countries … also don´t forget to delete cache and refresh cookies on regular base!

Service Peacock (PCOK):

For downloading the series from PCOK, use:

poetry run vt dl -q 1080 -al en -w S01E1 Peacock /tv/the-office/4902514835143843112

For downloading the video of a movie from Peacock use:

poetry run vt dl Peacock /movies/action-and-adventure/4got10/3ae2c66c-2b1a-3a34-a84f-930d60612b95

Service Disney Plus (DSNP):

-s browser command is used to request keys and streams with chrome headers, not possible to get 1080p or 4K tracks.

poetry run vt dl -q 720 -w S01E01 DisneyPlus -s browser 57TL7zLNu2wf

for getting 1080p/4K tracks:

TV series:

poetry run vt dl --keys -w s01e01 DisneyPlus 57TL7zLNu2wf

Movies:

> *poetry run vt dl --keys DisneyPlus -m 7OLRMMgd1vkx*

IMAX / IMAX Enhanced

> *poetry run vt dl -q 1080 --selected -al orig,tr -sl en,tr DisneyPlus -m 1tmc3nPw04S2 -imax*

> *poetry run vt dl -q 1080 --selected -al orig,tr -sl en,tr DisneyPlus -m 1tmc3nPw04S2 --imax-enhanced*

CDM key request

> **L3, Chrome CDM:** upto 720p

> **L1 (whitelisted only):** 1080p, 4K

Service HULU (HULU):

Movies:

> poetry run vt dl Hulu -m 4800d468-b587-44de-bad8-2646588bfa6b

TV series:

> poetry run vt dl **-w S01E01** Hulu 4800d468-b587-44de-bad8-2646588bfa6b

CDM key request

> **L3, Chrome CDM:** upto 4K SDR

> **L1:** 4K HDR

Service Google Play (GPLAY):

Movies:

> poetry run vt dl -q 480 googleplay -m aLSWgeqkdXU.P

TV series:

> poetry run vt dl -w S01E01 -q 480 googleplay aLSWgeqkdXU.P -e

If you got an error message while trying to download from google play about SAPISID remove from the cookies file the extra lines with the word SAPISID, just keep the first line with the word SAPISID

Service Paramount Plus:

Movies:

poetry run vt dl ParamountPlus **-m**
https://www.paramountplus.com/movies/video/7juDj4xQPZG1xtvD0pDPRQWgv1Vj6xox/

TV series:

poetry run vt dl -w S01E1 ParamountPlus **https://www.paramountplus.com/shows/1883/**

service requires using **cookies only**, no need to put logins in vinterimmer.yml

Service Crunchyroll:

CDM key request:

DRM-free streams: yt-dlp

DRM streams: L3 (upto 4K)

Note : CR is releasing FHD Titles till now,which is at L3.Not 4K titles released till now in CR. Eventhough CR is not going to change security level even 4K releases.

Options in the PY file.

1. **"-m"** for downloading movies.

2. **"—drm-free"** for downloading non-drm titles in crunchyroll.

To download a movie

poetry run vt dl CR -m "title_id"

To download a non drm stream

poetry run vt dl CR —drm-free "title_id"

To download a drm title

poetry run vt -w S01E01 dl CR "title_id"

NOW WHERE DO WE GET THE TITLE_ID ?

----------→
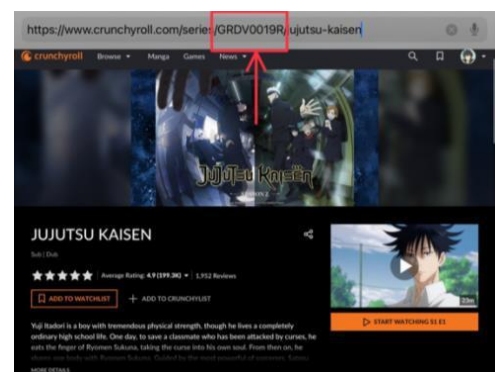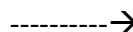
POSSIBLE LIST OF ERRORS :

1. **HTTP 401 : CLIENT ERROR —> Cookies Issue/Endpoint changes**

Service VIKI:

CDM key request:

    All streams: L3

Options In The PY File:

    "-m" , Title is a Movie.

To download Movie In FHD:

    poetry run vt dl -q 1080 Viki -m "movie_id"

To download Movie In HD:

    poetry run vt dl -q 720 Viki "movie_id"`

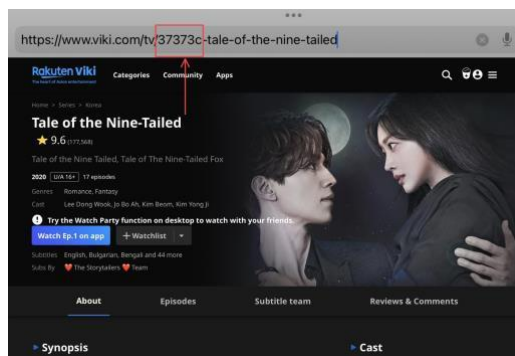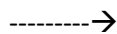**To download In FHD:**

    poetry run vt dl Viki "title_id"`

To download In HD:

    poetry run vt dl -q 720 Viki "title_id"`

NOTE : ALTHOUGH VIKI HAS THE ABILITY TO DOWNLOAD IN 4K,ITS RELEASING ALL EPISODES/MOVIES IN 1080p.

AND AUDIO CODEC IS ONLY UPTO AAC 2.0 HIGHEST QUALITY TILL NOW IN VIKI.

NOW WHERE DO WE GET MOVIE/TITLE ID ?

         ---------→

Possible list of errors:

    HTTP 403 – COOKIES ERROR

    SO FAR NO ISSUES ENCOUNTERED.

Service Disney HotStar:

CDM key request:

       All streams: L3

Options in the PY file:

1. "-m" for downloading movies

2. "-q" To choose the resolution (SD,HD,FHD,4K) default = FHD

3. "-c" To Choose Audio Codec (2.0,5.1,atmos) default = 5.1

To download In 4K and in atmos:

       poetry run vt dl HS -q 4k -c atmos -m "movie id" (For Movies) `poetry run vt dl -w S01E01 HS -q 4k -c atmos "series id" (for series)
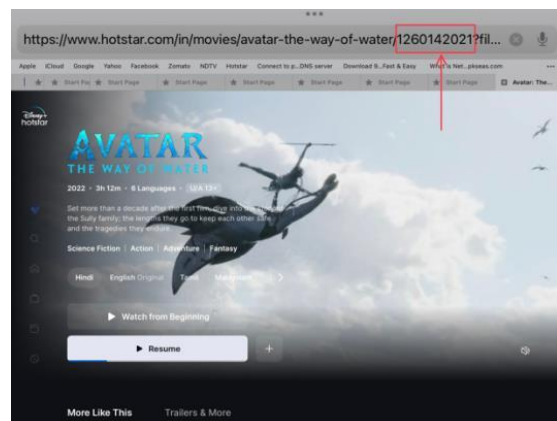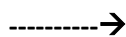
To download In FHD and in 5.1:

       poetry run vt dl HS -q fhd -c 5.1 -m "movie id" (For Movies) `poetry run vt dl -w S01E01 HS -q fhd -c 5.1 "series id" (for series)

To download in HD/SD and in 5.1:

       poetry run vt dl HS -q hd/sd -c 5.1 -m "movie id" (For Movies) `poetry run vt dl -w S01E01 HS -q hd/sd -c 5.1 "series id" (for series)

NOW WHERE DO WE GET THE MOVIE/SERIES ID?
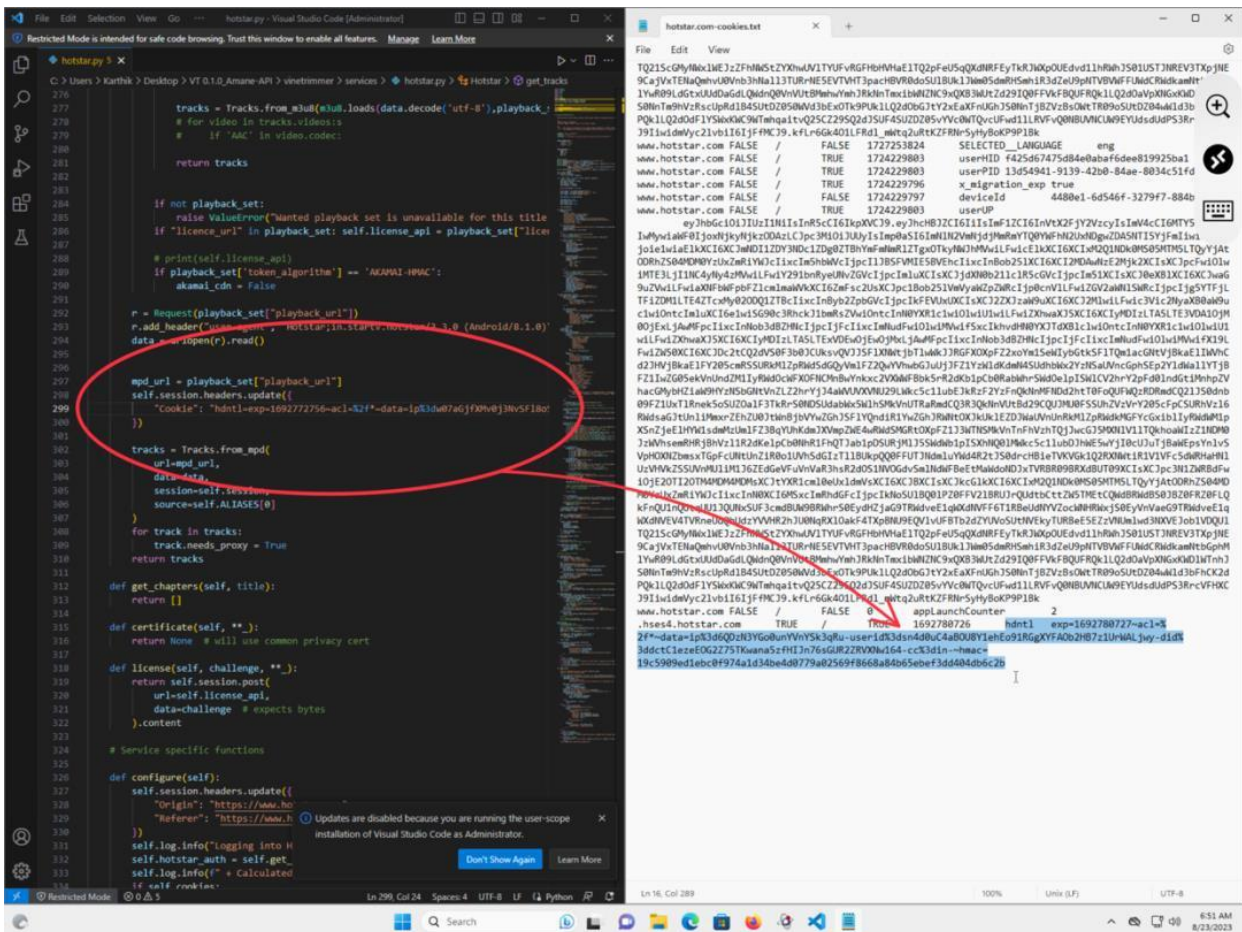
                ----------→

POSSIBLE LIST OF ERRORS :

1. HTTP 400 : BAD REQUEST – DUE TO VPN/PROXY/RDP IP BLOCKING ISSUE

2. HTTP 402 – PAYMENT ISSUE

3. HTTP 403 – COOKIES ISSUE

4. HTTP 404 : NOT FOUND – VPN/PROXY/RDP IP ISSUE

5. HTTP 475 : UNKNOWN – VPN /PROXY/RDP IP ISSUE

Before running the script, make sure To add the HDNTL CODE in Hotstar.py in line 299 (in my case)!

HDNTL code can be found from the exported cookies, for getting cookies, reffer to first site of this documentation. But using „get cookies.txt clear" from Google´s extensions store is recommended.

Or you can use the extension below (specially tested for HS – compatibility guaranteed):

https://chrome.google.com/webstore/detail/open-cookiestxt/gdocmgbfkjnnpapoeobnolbbkoibbcif

NOTE: SELECT "VIEW AS TABLE" CHECK BOX

Apple TV Plus & iTunes

!IMPORTANT!

        For AppleTVPlus you need to use the correct value of 'sf' in the file *vinetrimmer\config\services\appletvplus.yml*

        for the country of your account, you can get it from this file

https://gist.githubusercontent.com/BrychanOdlum/2208578ba151d1d7c4edeeda15b4e9b1/raw/8f01 e4a4cb02cf97a48aba4665286b0e8de14b8e/storefrontmappings.json

in case the link above wouldn´t work, please refer in VT folder to directory *\example_configs\storefrontmappings.json*

and for the iTunes script add the correct value of 'sf' in vinetrimmer\services\itunes.py

7. Additional VT usage

More options of VT:

```
poetry run vt dl -h
```

For the extra options in the scripts use:

```
poetry run vt dl <servicename> -h
```

Example: poetry run vt dl Netflix -h

the extra options will be added after the service name.

Vinetrimmer.yml config:

To use your cdm l3 in the folder vinetrimmer\devices create a new folder for the cdm l3 and copy the files device_private_key and device_client_id_blob to it like vinetrimmer\devices\generic_4464_l3 and create a new text file and rename it to wv.json and in the file wv.json add something like

```
{
"name": "generic_4464_l3",
"description": "android generic 4464 l3",
"security_level": 3,
"session_id_type": "android",
"private_key_available": "True",
"vmp": "False",
"send_key_control_nonce": "True"
}
```

change the name and the description to match the cdm l3 you have.

For cdm l1 use

```
"security_level": 1,
```

open the file vinetrimmer\vinetrimmer.yml with Notepad++ and add your cdm l3 name like this

Service Crave:

Command example:

poetry run vt dl -v H265 --list -al en -sl en Crave https://www.crave.ca/en/movies/fantastic-beasts-and-where-to-find-them

IP:

Canada

CDM key request:

L3 = All streams (upto **4K** support for movies by VT)

Warning!:

For downloading 4K, don´t forget to manually put the command *-v H265*

All other commands are same as for other services.

Service JioCinema:

Command example:

poetry run vt dl jio -m 3494266

IP:

India

CDM key request:

L3 = All streams (upto **4K** support by VT)

For movies, add *-m* like in the example

Service Movies Anywhere:

command example: *poetry run vt dl -q 720 --keys ma*
https://moviesanywhere.com/movie/harry-potter-and-the-sorcerers-stone

Aliases (for VT to determined the service by command)**: *„MA" XOR „moviesanywhere"***

IP:

Canada

CDM key request:
Authorization: **Cookies**
Security: SD-HD@L3, FHD SDR@L1 (any active device), FHD-UHD HDR-DV@L1 (whitelisted devices)

Specifying CDM for profile:

cdm:

        default: 'generic_4464_l3'   #it´s always like: <profile_name>: 'cdm_name'

Specifying CDM for different services:

cdm:

        default: 'generic_8159_l3'   #default CDM

        Netflix: 'chrome_api'   #CDM used for selected platform only

        HBOMax: 'asus_asus_a001_2d470448_6623_l1'   #CDM used for selected platform only

Dots in file naming:

In vinetrimmer.yml you can config naming, but in default, dots between file names are replaced by space in default. To re-enable them, you have to delete titles.py and rename WITH_DOTS_titles.py to titles.py

<div align="center">or</div>

add # on line 157 in titles.py

so, it will look like:

(line 157) #filename = filename.replace(".", " ")

To enable dots in file name.

Tracks print functions

In VT, the appearance of tracks can be modified by disabling some print functions in dl.py file.
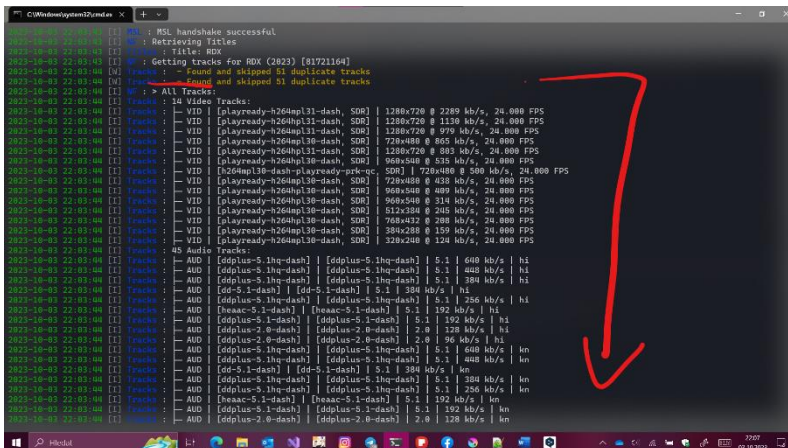
For an example, if you want to disable category „All tracks" listing, you just have to disable printing function of this section. Find a file called **dl.py**

The path is:

\vinetrimmer\commands\dl.py

<div align="center">*All tracks screenshot*</div>

Printing line - All tracks

In **dl.py**, scroll down until you find a string (text in „") that´s named by function **you want to hide.**

For an example: in the code screenshot, in the 1.2 relase of VT, there´s line 322 and line 323, but just commenting it (adding # before each line) makes them hidden and you´ll get no „all tracks" like:

Printing lines without - All tracks

KID lookup tool

By entering KID and service name, you can get cached key from the API (SFAB | cache)

PAY ATTENTION!!: You have to ENTER YOUR API KEY IN THE SCRIPT THAT´S LOCATED IN \scripts\API_cache_lookup.py

HERE:

Its temporary solution, until I will make it to read api key from some .txt „config" file…