

how to limit youtube-dl quality #4241

New issue

Closed

treaki opened this issue on 16 Mar 2017 · 13 comments



treaki commented on 16 Mar 2017 · edited

my screen and my cpu only supports only 720p, so its a pain in the ass if mpv is trying to scale down a video with higher resolution. Unfortunately you also have removed the frame drop setting (capital D).

So:

How can i limit mpv to use youtube-dl formats with a maximum of 720p?

How can i get back the frame drop setting?

thanks in advance

System information:

Package: mpv

Version: 1:0.22.0-dmo1~bpo8+1

more: <http://paste.debian.net/hidden/681f0bd8/>

2

Assignees

No one assigned

Labels

meta:question

Projects

None yet

Milestone

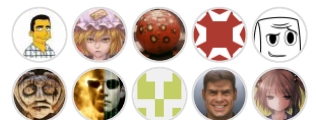
No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

10 participants



CounterPillow commented on 16 Mar 2017 · edited

Contributor

Put this in your mpv.conf:

```
ytdl-format=bestvideo[height<=?720]+bestaudio/best
```

Version: 1:0.22.0-dmo1~bpo8+1

Please update.

mpv will drop frames by default in order to keep in sync with the audio.

40

7



wiaboo commented on 16 Mar 2017

Member

15



wiiaboo closed this on 16 Mar 2017



wiiaboo added the **meta:question** label on 16 Mar 2017



ghost commented on 5 Sep 2017

This is a slightly more advanced way: It picks the best format it can find (up to but not above 1080p), chooses 30fps or lower (since 60fps just leads to dropped frames and stutter on my computer), and lastly it also ignores the stupid VP9 codec.

```
ytdl-format=bestvideo[height<=?1080][fps<=?30]
[vcodec!=?vp9]+bestaudio/best
```

If you want to limit it to 720p30 or lower, use this instead:

```
ytdl-format=bestvideo[height<=?720][fps<=?30]
[vcodec!=?vp9]+bestaudio/best
```

No matter what you do, I highly recommend using one of these lines in your mpv.conf. Otherwise it always picks the highest-quality version, which may mean 4K @ 60 fps = hell for your CPU to decode, and a total waste of bandwidth!

23

3

1

27



Justsoos commented on 16 Feb 2018 • edited ▾

@wiiaboo --ytdl-format="format-string"

now the EXACT option of youtube-dl formats are numbers, like

```
249          webm          audio only DASH audio   60k , opus
@ 50k, 43.25MiB
250          webm          audio only DASH audio   76k , opus
@ 70k, 57.71MiB
171          webm          audio only DASH audio   93k ,
vorbis@128k, 69.77MiB
140          m4a           audio only DASH audio  134k ,
m4a_dash container, mp4a.40.2@128k, 107.52MiB
251          webm          audio only DASH audio  160k , opus
@160k, 121.60MiB
160          mp4           256x144   144p   74k ,
avc1.4d400c, 30fps, video only, 23.26MiB
278          webm          256x144   144p  128k , webm
container, vp9, 30fps, video only, 77.67MiB
133          mp4           426x240   240p  131k ,
```

how to drive mpv to play with the number option? for instance, if I want to download 171 audio and 133 video, I could run

```
youtube-dl -f 171+133 URL
```

but I tried a few ways in mpv, do not know how to set the right options. and the [help page](#) does not give extra info.




Justsoos commented on 16 Feb 2018 • edited ▾

resolved, run like:

```
mpv --ytdl-format=171+133 URL
```

[#2619](#) (comment)



 **Skibicki** mentioned this issue on 27 Oct 2018

(windows) drag youtube link to mpv > how choose video format? #6254

 Closed



adrien2030 commented on 4 May 2020 • edited ▾

How can I get Youtube-dl to default to 144p? So far when I've tried this line:

```
ytdl-format=bestvideo[height>=?144p][fps<=?30]  
[vcodec!=?vp9]+bestaudio/best
```

it defaults to 360p which wasnt what i wanted. I am on data and i rather use 144p when playing youtube videos. I know the videos I've been trying have an 144p option because it works in the browser and also can be seen when i go through youtube-dl with the -F option.



kevmitch commented on 4 May 2020

Member

@adrien2030 open a new issue with the "question template" and follow the template with logs sample, etc. We need all that info in order to help you.



bitraid commented on 4 May 2020

include the "p" when defining the height.

Use something like this instead:

```
--ytdl-format="bestvideo[height=?144][fps<=?30]
[vcodec!=?vp9]+bestaudio/best"
```



2



1



balexandre commented on 4 Jul 2020 • edited ▾

what am I doing wrong?

running on **Windows 10 2004**

```
mpv 0.32.0-563-gdc24a437fb Copyright © 2000-2020 mpv/MPlayer/m
built on Sun Jun 21 22:18:57 +08 2020
FFmpeg library versions:
  libavutil      56.55.100
  libavcodec     58.93.100
  libavformat    58.47.100
  libswscale     5.8.100
  libavfilter    7.86.100
  libswresample  3.8.100
FFmpeg version: git-2020-06-21-842bc312a
```

```
C:\Users\balex> mpv --ytdl-format="bestvideo[height<=720]+best
Video --vid=1 (h264 768x432 25.000fps) (1541 kbps)
Video --vid=2 (h264 512x288 25.000fps) (374 kbps)
Video --vid=3 (h264 512x288 25.000fps) (715 kbps)
Video --vid=4 (h264 768x432 25.000fps) (1084 kbps)
Video --vid=5 (h264 1024x576 25.000fps) (2468 kbps)
Video --vid=6 (h264 1280x720 25.000fps) (4401 kbps)
(+) Video --vid=7 (h264 1920x1080 25.000fps) (7681 kbps)
Audio --aid=1 (aac 2ch 44100Hz) (1541 kbps)
Audio --aid=2 (aac 2ch 44100Hz) (374 kbps)
Audio --aid=3 (aac 2ch 44100Hz) (715 kbps)
Audio --aid=4 (aac 2ch 44100Hz) (1084 kbps)
Audio --aid=5 (aac 2ch 44100Hz) (2468 kbps)
Audio --aid=6 (aac 2ch 44100Hz) (4401 kbps)
(+) Audio --aid=7 (aac 2ch 44100Hz) (7681 kbps)
A0: [wasapi] 48000Hz stereo 2ch float
V0: [gpu] 1920x1080 yuv420p
AV: 00:00:05 / 00:02:26 (4%) A-V: -0.007 Cache: 52s/45MB

Exiting... (Quit)
```

it selected 1080p when I just want max of 720p 🙄



CounterPillow commented on 4 Jul 2020

Contributor

@balexandre playing back a M3U8 stream does not at all involve youtube-dl. You can switch video tracks by cycling them with the appropriate hotkey.



balexandre commented on 4 Jul 2020

@CounterPillow my bad then ... I thought it was simple, but I wasn't getting what I wanted ... would be convenient to also have an option for this kind'a files 😊 maybe in the future...



garoto commented on 4 Jul 2020

Contributor

```
--hls-bitrate=<no|min|max|<rate>>
```

Additionally, if the option is a number, the stream with the highest rate equal or below the option value is selected.



rmmh commented on 13 Oct 2020

Instead of `bestvideo[height<=720]+bestaudio/best`, try `bestvideo[height<=720]+bestaudio/best[height<=720]`.

👍 2



Darkmaster006 mentioned this issue on 10 Aug

Is there a way to set default quality? jgreco/mpv-

Open

