Retry when connection disconnect not working

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I am using `youtube-dl` for downloading the videos from YouTube. But in my office the internet will disconnect every `20Mb` of download. [Error: Connection forcibly closed by remote server].

I have to type the URL again to resume the download and again it will disconnect after '20Mb' I want `youtube-dl` to reconnect and retry to download the file.

I tried using `--retries` switch but it is not retrying once disconnected.

Is there any inbuild method or Work around for this?

youtube-dl

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edited Apr 5 '16 at 10:58

asked Apr 4 '16 at 11:39

Olivarsham
1,566   5   23   46

5 Answers

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Educated guess

My best guess would be to specify a cache directory, and use the `-c` flag to force it to continue downloads if possible.

Source: youtube-dl man page

```
--cache-dir DIR
              Location  in  the  filesystem  where  youtube-dl  can  store  some  downloaded
information  permanently.   By  default
              $XDG_CACHE_HOME  /youtube-dl or ~/.cache/youtube-dl .  At the moment, only
YouTube player files (for videos with obfus-
              cated signatures) are cached, but that may change.

-c, --continue
              Force resume of partially downloaded files.  By default, youtube-dl will resume
downloads if possible.
```

Alternative solution

If you want to give python a try, this script should do what you need with some minor tweaking.

```
import sys
import youtube_dl

def download_no_matter_what(url):
    try:
        youtube_dl.YoutubeDL(options).download([url])
    except OSError:
        download_no_matter_what(url)
    except KeyboardInterrupt:
        sys.exit()

if __name__ == '__main__':
    # Read the URL from the command line
    url = sys.argv[1]

    # Specify extra command line options here
    options = {}

    # GET THAT VIDEO!
    download_no_matter_what(url)
```

Reference for the youtube_dl API: https://github.com/rg3/youtube-dl/blob/master/README.md#readme

Share Improve this answer Follow   edited Apr 15 '16 at 23:59   answered Apr 7 '16 at 4:31

nathanshimp
328   1   5

No. this is about the partial downloaded file, not about connection reconnect.. Resuming is happening but I have to type URL manually for it to resume.. – Olivarsham Apr 7 '16 at 4:33 🖉

Gotcha, sorry. What system are you on? Also, are you comfortable running/editing python? – nathanshimp Apr 8 '16 at 0:48

Check out my edit. With some minor tweaking, it should do what you want. Cheers! – nathanshimp Apr 16 '16 at 0:00 🖉

Get a `bash` , either via steve's `win-bash` , the new windows10/Ubuntu thing or `cygwin`

13   Call youtube-dl like this:

```
while ! youtube-dl <video_uri> -c --socket-timeout 5; do echo DISCONNECTED; done
```

You may want to add some sleep time between retries.

```
while ! youtube-dl <video_uri> -c --socket-timeout 5; do echo DISCONNECTED; sleep 5; done
```

There should be a power shell equivalent, or an ugly batch while loop checking ERRORLEVEL

Share Improve this answer Follow   edited May 23 '17 at 12:24   answered Apr 13 '16 at 13:20

Community ♦
1   1

xvan
4,011   1   15   33

This works nice and simple. Helps when on an unstable connection and the bandwidth slips away without YT-DL calling it quits. Or even if Youtube-DL itself errors out. – japzone May 29 '17 at 3:09

powershell equivalant:

```
Do { youtube-dl.exe <video_uri> -c } until ($?)
```

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answered Nov 17 '18 at 20:45

Simon Lee
11   3

Batch equivalent:

```
for /L %%? in (0,0,1) do @(youtube-dl <video_uri> -c --socket-timeout 5 && break)
```

This includes a 5 second sleep:

```
for /L %%? in (0,0,1) do @(youtube-dl <video_uri> -c --socket-timeout 5 && break || timeout /t 5 >NUL)
```

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answered Jul 27 '20 at 18:18

Vopel
81   5

Try retry-cli. You will need to install Node.js (with npm) first

```
npm install --global retry-cli
retry youtube-dl <URL>
```

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answered Feb 19 at 13:31

IAMEVANHE
1