

 [tgbot-collection](#) / **ytdlbot** Public

Download videos from Youtube and other platforms through a Telegram Bot

 Apache-2.0 license

☆ 408 stars 🍴 503 forks ↕ Activity


☆ Star



 Notifications


- <> Code
- ⦿ Issues 1
- 🔗 Pull requests
- ▶ Actions
- 📁 Projects
- 🛡 Security
- 📊 Insights

🔑 master ▾

 SanujaNS

...

Sep 19, 2023





View code



README.md

ytdlbot

 docker image builder  passing

YouTube Download Bot

This Telegram bot allows you to download videos from YouTube and other supported platforms, including Instagram

READ **FAQ** FIRST IF YOU ENCOUNTER ANY ISSUES.

Deploy to heroku

Usage

https://t.me/benny_ytdlbot

and link directly to the bot. Any Websites [supported by youtube-dl](#) will work to.

Limitations of my bot

Due to limitations on servers and bandwidth, there are some restrictions on this free service.

- Each user is limited to 20 free downloads per 24-hour period
- there is a maximum of three subscriptions allowed for YouTube channels.

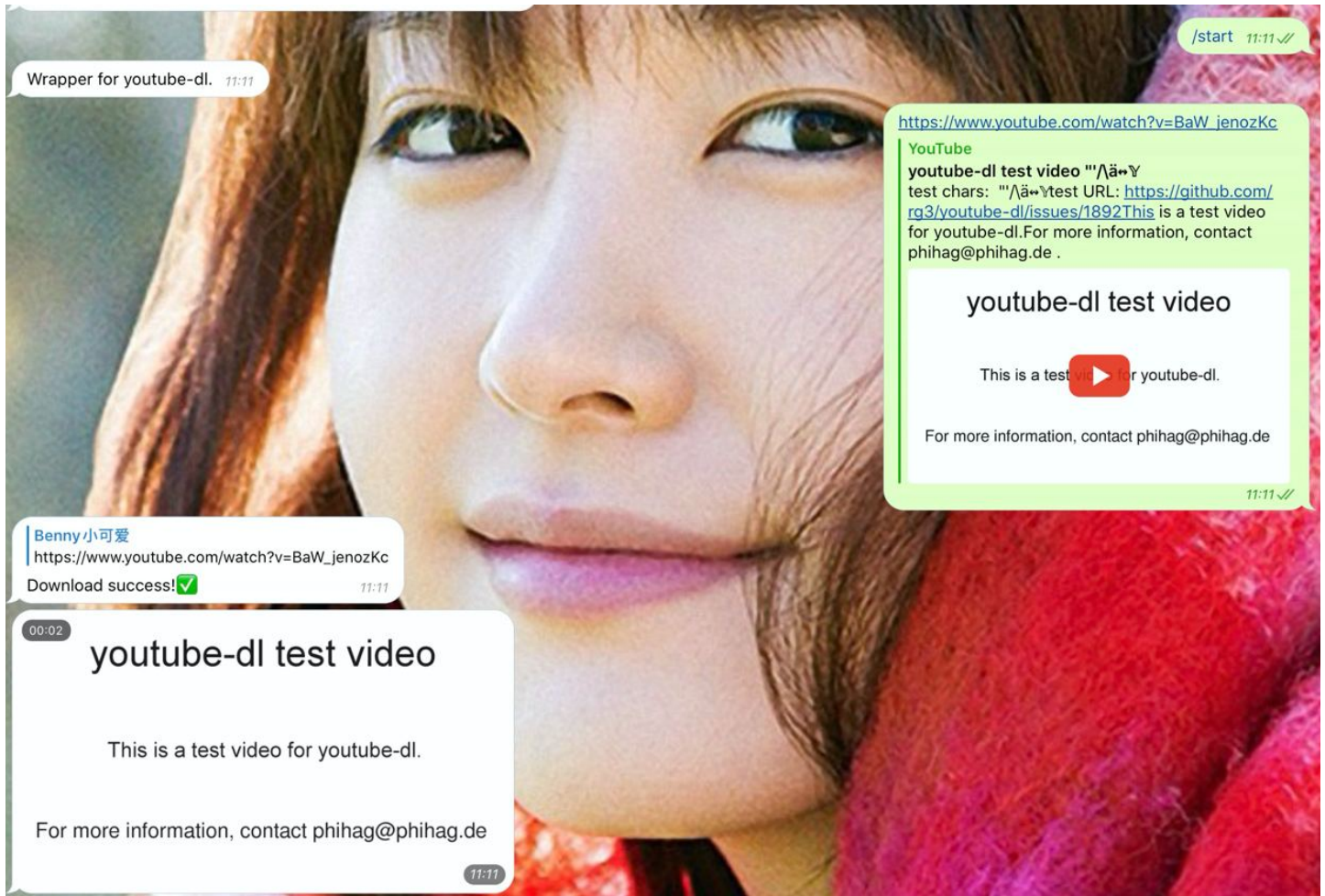
If you need more downloads, you can purchase additional tokens. Additionally, you have the option of deploying your own bot. See below instructions.

Features

- 1. fast download and upload.
- 2. ads free
- 3. support progress bar
- 4. audio conversion
- 5. playlist support
- 6. payment support
- 7. support different video resolutions
- 8. support sending as file or streaming as video
- 9. supports celery worker distribution - faster than before.
- 10. subscriptions to YouTube Channels
- 11. cache mechanism - download once for the same video.
- 12. support instagram posts

Screenshots

Normal download



instagram download

Download success. ✓

14:09



@BennyThink(Benny 小可爱)-260260121
4584071120.jpg

<https://www.instagram.com/p/CIBSgsnPZwF/>

Info: 1080x1350 216.1KiB 0s

14:09

elery

Flower Dashboard Tasks Broker Docs									
Show 10 entries				Search:					
Name	UUID	State	args	kwargs	Result	Received	Started	Runtime	Worker
tasks.download_task	0597eae3-fd73-4380-989d-b2a47209fb3c	SUCCESS		{}	None	2021-12-30 09:43:38.211		8.231	celery@8d7d8f
	b4135043-36ed-45cd-9a13-450ec0cae2f2	SUCCESS			None			178.085	celery@8d7d8f
tasks.download_task	cf3d80aa-8bff-4880-83b7-11b495004016	SUCCESS		{}	None	2021-12-30 09:45:39.193		10.900	celery@8d7d8f
tasks.download_task	23bb69c9-2494-47e3-bda6-58ddbc984963	SUCCESS		{}	None	2021-12-30 09:47:17.017		7.092	celery@8d7d8f
	a2763ff6-7542-4c0d-b3d4-a8193e76310c	SUCCESS			None			363.842	celery@8d7d8f
tasks.download_task	59603729-7922-4ffc-85f4-1d9d3a6a39cd	SUCCESS		{}	None	2021-12-30 09:47:22.132		5.095	celery@8d7d8f
tasks.download_task	95931b20-541a-4203-8e33-71680ebda8de	SUCCESS		{}	None	2021-12-30 09:42:24.401	2021-12-30 09:42:24.402	29.496	celery@63d94f

How to deploy?

This bot can be deployed on any platform that supports Python.

Need help with deployment or exclusive features? I offer paid service - contact me at @BennyThink

Run natively on your machine

To deploy this bot, follow these steps:

1. Clone the code from the repository.
2. Install FFmpeg.
3. Install Python 3.6 or a later version.
4. Install Aria2 and add it to the PATH.
5. Install the required packages by running `pip3 install -r requirements.txt`.
6. Set the environment variables `TOKEN`, `APP_ID`, `APP_HASH`, and any others that you may need.
7. Run `python3 ytdl_bot.py`.

Docker

This bot has a simple one-line code and some functions, such as VIP and ping, are disabled.

```
docker run -e APP_ID=111 -e APP_HASH=111 -e TOKEN=370FXI bennythink/ytdlbot
```

Complete deployment guide for docker-compose

- contains every functionality
- compatible with amd64, arm64 and armv7l

1. get docker-compose.yml

Download `docker-compose.yml` file to a directory

. create data directory

```
mkdir data
mkdir env
```

. configuration

.1. set environment variables

```
vim env/ytdl.env
```

you can configure all the following environment variables:

- WORKERS: workers count for celery
- PYRO_WORKERS: number of workers for pyrogram, default is 100
- APP_ID: **REQUIRED**, get it from <https://core.telegram.org/>
- APP_HASH: **REQUIRED**
- TOKEN: **REQUIRED**
- REDIS: **REQUIRED if you need VIP mode and cache** ⚠ Don't publish your redis server on the internet. ⚠
- EXPIRE: token expire time, default: 1 day
- ENABLE_VIP: enable VIP mode
- OWNER: owner username
- AUTHORIZED_USER: only authorized users can use the bot
- REQUIRED_MEMBERSHIP: group or channel username, user must join this group to use the bot
- ENABLE_CELERY: celery mode, default: disable
- ENABLE_QUEUE: celery queue
- BROKER: celery broker, should be redis://redis:6379/0
- MYSQL_HOST: MySQL host
- MYSQL_USER: MySQL username
- MYSQL_PASS: MySQL password
- AUDIO_FORMAT: default audio format
- ARCHIVE_ID: forward all downloads to this group/channel
- IPv6 = os.getenv("IPv6", False)
- ENABLE_FFMPEG = os.getenv("ENABLE_FFMPEG", False)
- PROVIDER_TOKEN: stripe token on Telegram payment
- PLAYLIST_SUPPORT: download playlist support
- M3U8_SUPPORT: download m3u8 files support
- ENABLE_ARIA2: enable aria2c download
- FREE_DOWNLOAD: free download count per day
- TOKEN_PRICE: token price per 1 USD
- GOOGLE_API_KEY: YouTube API key, required for YouTube video subscription.
- RCLONE_PATH: rclone path to upload files to cloud storage
- TMPFILE_PATH: tmpfile path(file download path)

.2 Set up init data

you only need basic functionality, you can skip this step.

.2.1 Create MySQL db

required for VIP, settings, YouTube subscription.

```
docker-compose up -d
docker-compose exec mysql bash
```

```
mysql -u root -p
```

```
> create database ytdl;
```

.2.2 Setup flower db in ytdlbot/ytdlbot/data

required if you enable celery and want to monitor the workers.

```
{ } ~ python3
Python 3.9.9 (main, Nov 21 2021, 03:22:47)
[Clang 12.0.0 (clang-1200.0.32.29)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> import dbm;dbm.open("flower","n");exit()
```

.2.3 Setup instagram cookies

you don't need to do this anymore! This bot support instagram posts out of the box, including photos, videos and reels.

.3 Tidy docker-compose.yml

in the flower service section, you may want to change your basic authentication username password and publish port.

you can also limit CPU and RAM usage by adding a `deploy` key:

```
deploy:
  resources:
    limits:
      cpus: '0.5'
      memory: 1500M
```

be sure to use `--compatibility` when deploying.

1. run

.1. standalone mode

if you only want to run the mode without any celery worker and VIP mode, you can just start `ytdl` service

```
docker-compose up -d ytdl
```

.2 VIP mode

you'll have to start MySQL and redis to support VIP mode, subscription and settings.

```
docker-compose up -d mysql redis ytdl
```

.3 Celery worker mode

rstly, set `ENABLE_CELERY` to true. And then, on one machine:

```
docker-compose up -d
```

n the other machine:

```
docker-compose -f worker.yml up -d
```

Please bear in mind that you should not publish Redis directly on the internet. Instead, you can use `fireGuard` to wrap it up for added security.

ubernetes

fer guide here [kubernetes](#)

Command

start - Let's start
about - What's this bot?
ping - Bot running status
help - Help
ytdl - Download video in group
settings - Set your preference
buy - Buy token
direct - Download file directly
sub - Subscribe to YouTube Channel
unsub - Unsubscribe from YouTube Channel
sub_count - Check subscription status, owner only.
uncache - Delete cache for this link, owner only.
purge - Delete all tasks, owner only.

est data

est video

https://www.youtube.com/watch?v=BaW_jenozKc

est Playlist

<https://www.youtube.com/playlist?list=PL1Hdq7xjQCJxQnGc05gS4wzHWccvEjy0w>

est twitter

https://twitter.com/nitori_sayaka/status/1526199729864200192

<https://twitter.com/BennyThinks/status/1475836588542341124>

est instagram

<https://www.instagram.com/p/CIBSqo3Pkjw/>

<https://www.instagram.com/p/CaiAHoWDnrM/>

<https://www.instagram.com/p/CZtUDyyv1u1/>

Donation

- [Buy me a coffee](#)
- [Afdian](#)
- [GitHub Sponsor](#)

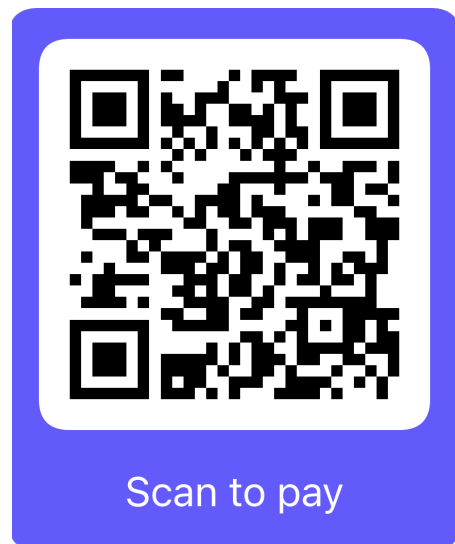
Stripe

You can choose to donate via Stripe by clicking the button below.

Select the currency and payment method that suits you.

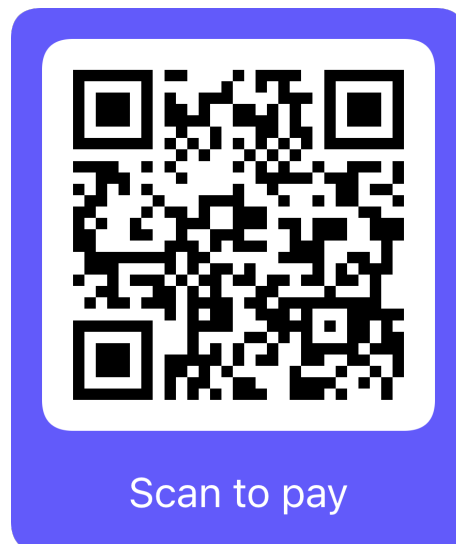
USD(Card, Apple Pay and Google Pay)

USD



SEK(Card, Apple Pay and Google Pay)

SEK



CNY(Card, Apple Pay, Google Pay and Alipay)

CNY



License

Apache License 2.0

Releases

No releases published

Sponsor this project

<https://buy.stripe.com/bIYbMa9JletbevCaEE>

[Learn more about GitHub Sponsors](#)


Packages 1

Contributors 14

+ 3 contributors

Languages

● Python 95.7% ● Shell 2.5% ● Makefile 1.1% ● Other 0.7%

 © 2023 GitHub, Inc.

- Terms
- Privacy
- Security
- Status
- Docs
- Contact GitHub
- Pricing
- API
- Training
- Blog
- About