

# Saving Audio/Video/Photo Streams

## deemix

CLI <https://pypi.org/project/deemix/>

<https://www.reddit.com/r/deemix/>

Python server with web interface: <https://gitlab.com/RemixDev/deemix-webui>  
<https://gitlab.com/RemixDev/deemix-gui/-/tree/main>

Standalone GUI, Server or one-file Server for Linux/Win/Mac x86: <https://download.deemix.app/0/>

Note: all of the above require an arl = arl cookie after logging into (free) deezer account. i.e. F12 in Firefox, storage, cookies, arl, then copy the content. The cookie is valid for 3 months. Entering the arl cookie in the web interface stores it per client. Storing it in ~/.config/deemix/.arl and using -serverwide-arl flag can use the same for all clients.

Linux install/update of server with static libraries:

[update-deemix.sh](#)

```
#!/bin/bash
echo "Downloading latest version..."
wget https://download.deemix.app/server/linux-x64-latest
if [ -f "linux-x64-latest" ];
then
    echo "Backing up old version..."
    sudo rm -rf /opt/deemix-server-old
    sudo mv /opt/deemix-server /opt/deemix-server-old
    sudo mkdir /opt/deemix-server
    sudo mv linux-x64-latest /opt/deemix-server/deemix-server
    sudo chmod 755 /opt/deemix-server/deemix-server
    echo "Restarting deemix server..."
    systemctl --user restart deemix
    echo "Done!"
else
    echo "Download failed, not updating!"
fi
```

Linux user systemd service for server if extracted to /opt/deemix-server/:

```
mkdir -p .config/systemd/user/
vi .config/systemd/user/deemix.service
```

```
[Unit]
Description=Deemix Server
```

```
[Service]
ExecStart=/opt/deemix-server/deemix-server --host 0.0.0.0 --serverwide-arl
Restart=always
RestartSec=10

[Install]
WantedBy=default.target
```

```
systemctl --user enable deemix
```

## d-fi

Console application Linux/Mac/Windows: <https://notabug.org/sayem314/d-fi>  
<https://github.com/d-fi/releases/releases>

```

d-fi
♥ REPO || https://notabug.org/sayem314/d-fi
♥ DONATE || https://sayem.eu.org/donate

Please read the latest manual thoroughly before asking for help!

✓ Select music quality: > MP3 - 320 kbps
✓ Select download mode: > Single (Download single link)
✓ Query: ... https://www.deezer.com/en/track/67238735

✓ success Daft Punk - Get Lucky
  > /home/sayem/workflow/git/d-fi/Music/Daft Punk - Random Access Memories/Get Lucky.mp3
☒ complete Finished downloading track "Get Lucky"
? Query: > █

```

Dependency may be required:

```
apt-get install lib64stdc++6
```

Download/update bash script:

[dfiupdate.sh](#)

```
#!/bin/bash

get_latest_release() {
  curl --silent "https://api.github.com/repos/$1/releases/latest" |
  grep "tag_name:" | sed -E 's/.*"([^\"]+)".*\1/'
}

ver=$(get_latest_release "d-fi/releases")

cd /tmp
wget https://github.com/d-fi/releases/releases/download/$ver/d-fi-
linux.zip
```

```
unzip d-fi-linux.zip
rm d-fi-linux.zip
mv d-fi ~/Downloads
```

Works with Deezer Album, Songs and Artists, not Podcasts.

## daemon

Automatically monitor and/or download new releases of artists.

<https://github.com/digitalec/daemon>

## yt-dl / youtube-dl

Youtube Download (lots of supported sites: <https://yt-dl.org/supportedsites.html> ) <https://yt-dl.org/>  
<https://github.com/ytdl-org/youtube-dl>

Works with youtube, soundcloud and many more

Install/upgrade not via apt or wget/curl but using:

```
sudo -H pip install --upgrade youtube-dl
```

Fixes to individual extractors not in official release yet can be applied as in the following example:

```
wget
https://raw.githubusercontent.com/ytdl-org/youtube-dl/d42b7b6c5e927a8e4e82be
96a551b5054e445974/youtube_dl/extractor/redtube.py
sudo mv /usr/local/lib/python3.8/dist-
packages/youtube_dl/extractor/redtube.py /usr/local/lib/python3.8/dist-
packages/youtube_dl/extractor/redtube.py_backup
sudo mv redtube.py /usr/local/lib/python3.8/dist-
packages/youtube_dl/extractor/redtube.py
```

Workaround/Tip: per-site configuration files <https://github.com/ytdl-org/youtube-dl/issues/29523>

Version 2021.12.17 requires the following youtube patch as of February 2023:

<https://github.com/ytdl-org/youtube-dl/issues/31530#issuecomment-1433470254> Change youtube.py (Debian package /usr/lib/python3/dist-packages/youtube\_dl/extractor/youtube.py) (PIP install /usr/local/lib/python3.8/dist-packages/youtube\_dl/extractor/youtube.py) change:

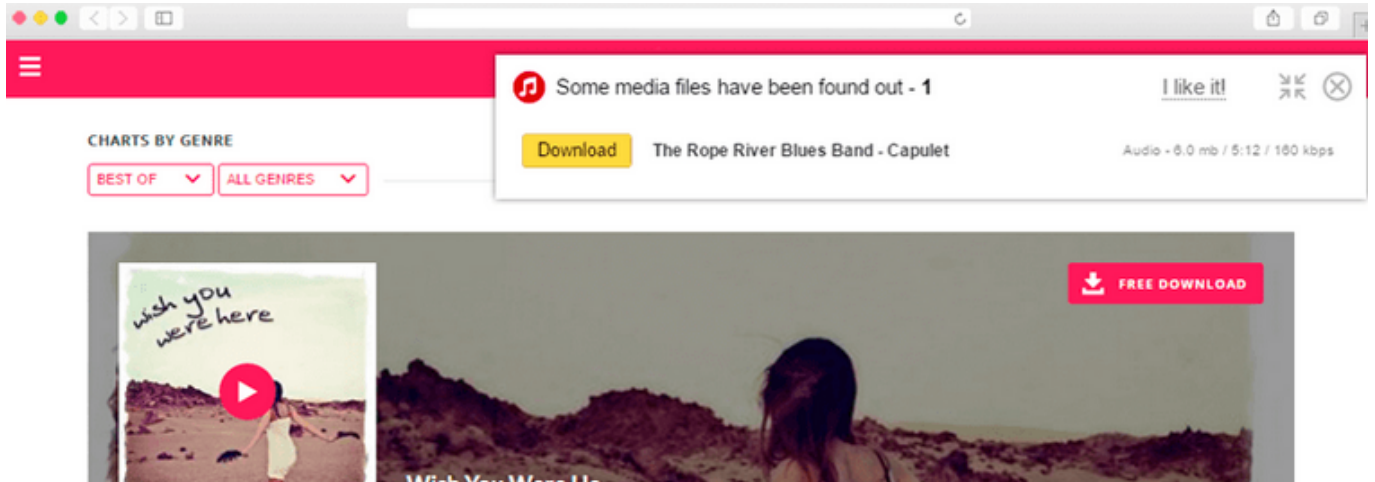
```
'uploader_id': self._search_regex(r'/(?:(channel|user)/([^\?&#]+)',
owner_profile_url, 'uploader id') if owner_profile_url else None,
```

to:

```
'uploader_id': self._search_regex(r'/(?:(channel/|user/|@)([^\?&#]+)',  
owner_profile_url, 'uploader id', default=None),
```

## mediasave Chrome

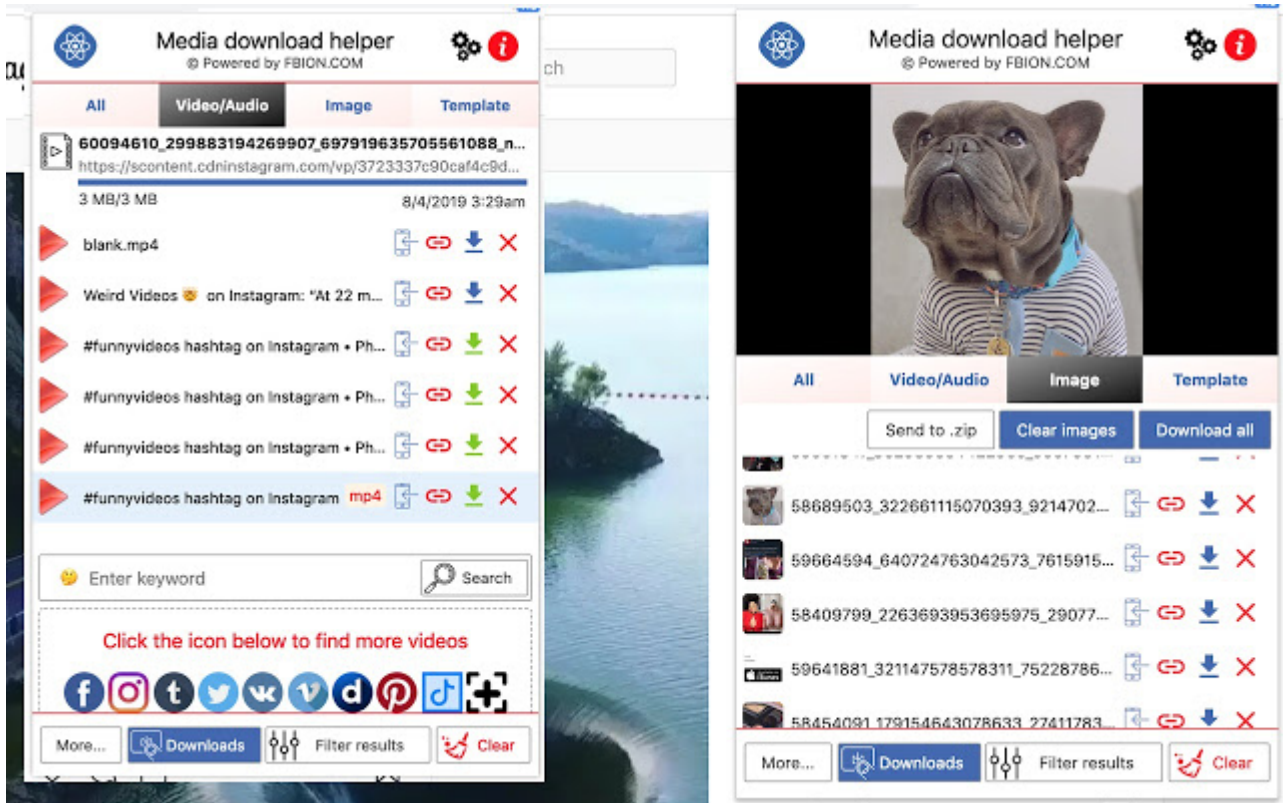
Mediasave Browser addon (Chrome) <https://mediasave.ru/en/>  
<https://chrome.google.com/webstore/detail/mediasave-download-music/hfgbpbkkdodfihabamnkhoaea/mkdhnoec>



Works with unprotected media

## Media Download Helper Firefox

Media Download Helper (Firefox)  
<https://addons.mozilla.org/en-US/firefox/addon/media-download-helper/>



Uses external service to record the stream. No Filenames/ID3tags preserved!

## Instagram downloader

<https://github.com/instaloder/instaloder>

## JDownloader

<https://jdownloader.org/download/index>

## Screen Recording

### SimpleScreenRecorder

```
sudo apt-get install simplescreenrecorder
```

## Video Editing

# OpenShot

Stable PPA (Contains only official releases)

```
sudo add-apt-repository ppa:openshot.developers/ppa
sudo apt update
sudo apt install openshot-qt python3-openshot
```

```
sudo apt-get install openshot
```

# LosslessCut

<https://github.com/mifi/lossless-cut>

[losslesscut.sh](#)

```
#!/bin/bash
if [ "$LOGNAME" != "root" ]
then
    echo "LosslessCut updater needs to be run as root!"
    exit
fi

#get latest LosslessCut version number
latest_web=$(curl https://api.github.com/repos/mifi/lossless-cut/releases/latest -s|sed -n 's/"tag_name":
"v\([0-9]\.[0-9]*\.[0-9]*\)"/,\1/p' | sed -e 's/^[[:space:]]*//')
#convert version numbers to integers for comparison
web=$(echo "$latest_web" | sed 's/\./ /g')

if [ -f /opt/losslesscut/version.txt ];
then
    current_ver=$(cat /opt/losslesscut/version.txt)
    #convert version numbers to integers for comparison
    cur=$(echo "$current_ver" | sed 's/\./ /g')
fi

if [[ "$cur" == "" ]];
then
    cur=0
fi

#download and install only if web version greater than current version
#if main web version doesn't exist, then install new main version
if [[ ${web:0:8} -gt ${cur:0:8} ]];
then
    echo "Current LosslessCut version $current_ver, upgrading to
version $latest_web"
```

```
if [ ! -d /opt/losslesscut ];
then
    mkdir /opt/losslesscut
fi
cd /opt/losslesscut
if [ -f LosslessCut-linux-x86_64.AppImage ];
then
    mv LosslessCut-linux-x86_64.AppImage LosslessCut-linux-
x86_64.AppImage.old
fi
wget "https://github.com/mifi/lossless-
cut/releases/download/v$latest_web/LosslessCut-linux-x86_64.AppImage"
chmod 755 /opt/losslesscut/LosslessCut-linux-x86_64.AppImage
echo "$latest_web" > /opt/losslesscut/version.txt

if [ ! -f /usr/share/applications/losslesscut.desktop ];
then
    wget https://github.com/mifi/lossless-
cut/raw/master/src/icon.svg
    cat >> /usr/share/applications/losslesscut.desktop <<EOD
[Desktop Entry]
Name=LossLessCut
Exec=/opt/losslesscut/LosslessCut-linux-x86_64.AppImage
Comment= The swiss army knife of lossless video/audio editing
Terminal=false
Icon=/opt/losslesscut/icon.svg
Type=Application
Categories=Graphics;
Hidden=false
NoDisplay=false
EOD
    update-desktop-database
    xdg-desktop-menu forceupdate
    xdg-desktop-menu install --novendor
/usr/share/applications/losslesscut.desktop
else
    echo "Current Version $current_ver, available version $latest_web"
    echo "No upgrade necessary"
fi
```

From:  
<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:  
<http://wuff.dyndns.org/doku.php?id=howto:save-streams&rev=1685357733>

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