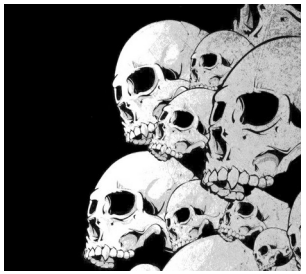
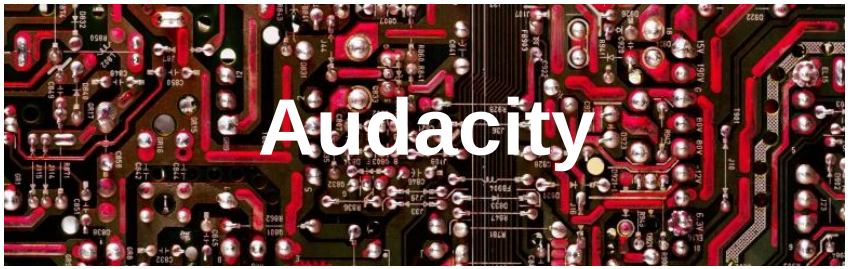
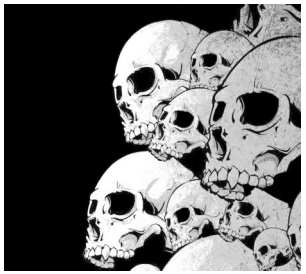


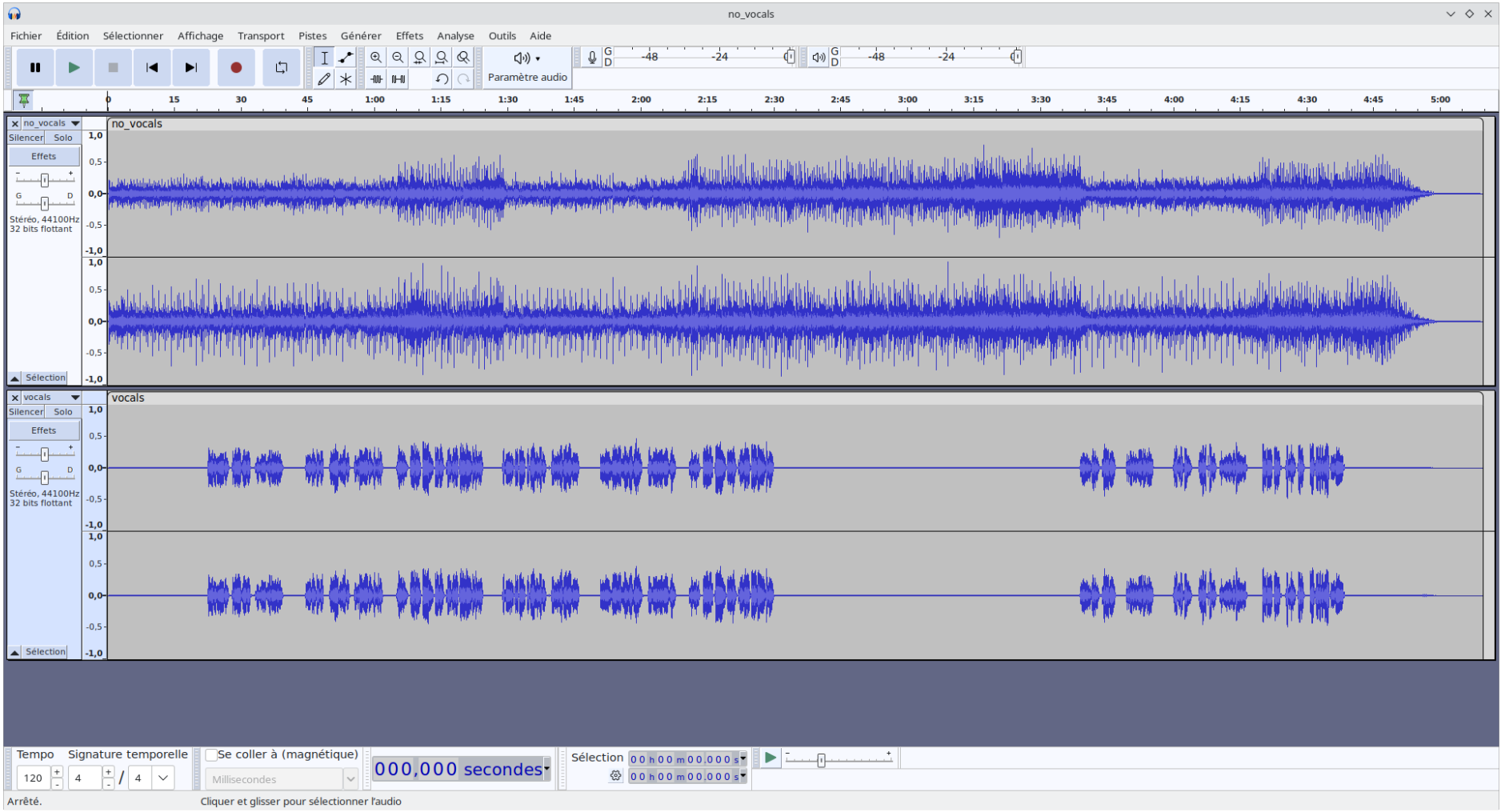


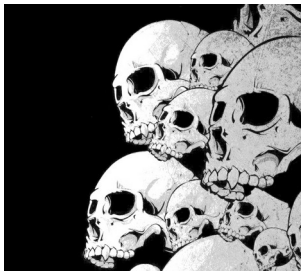
Y. Collette (ycollette.nospam@free.fr)
https://audinux.github.io



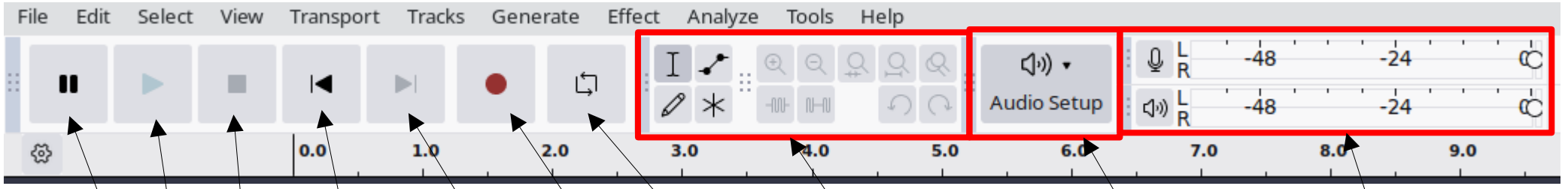
Audacity

https://www.audacityteam.org/





Audacity
The menu bar



Pause

Play

Stop

Skip to start

Skip to end

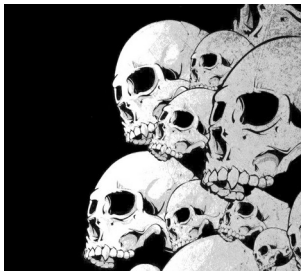
Record

Enable looping

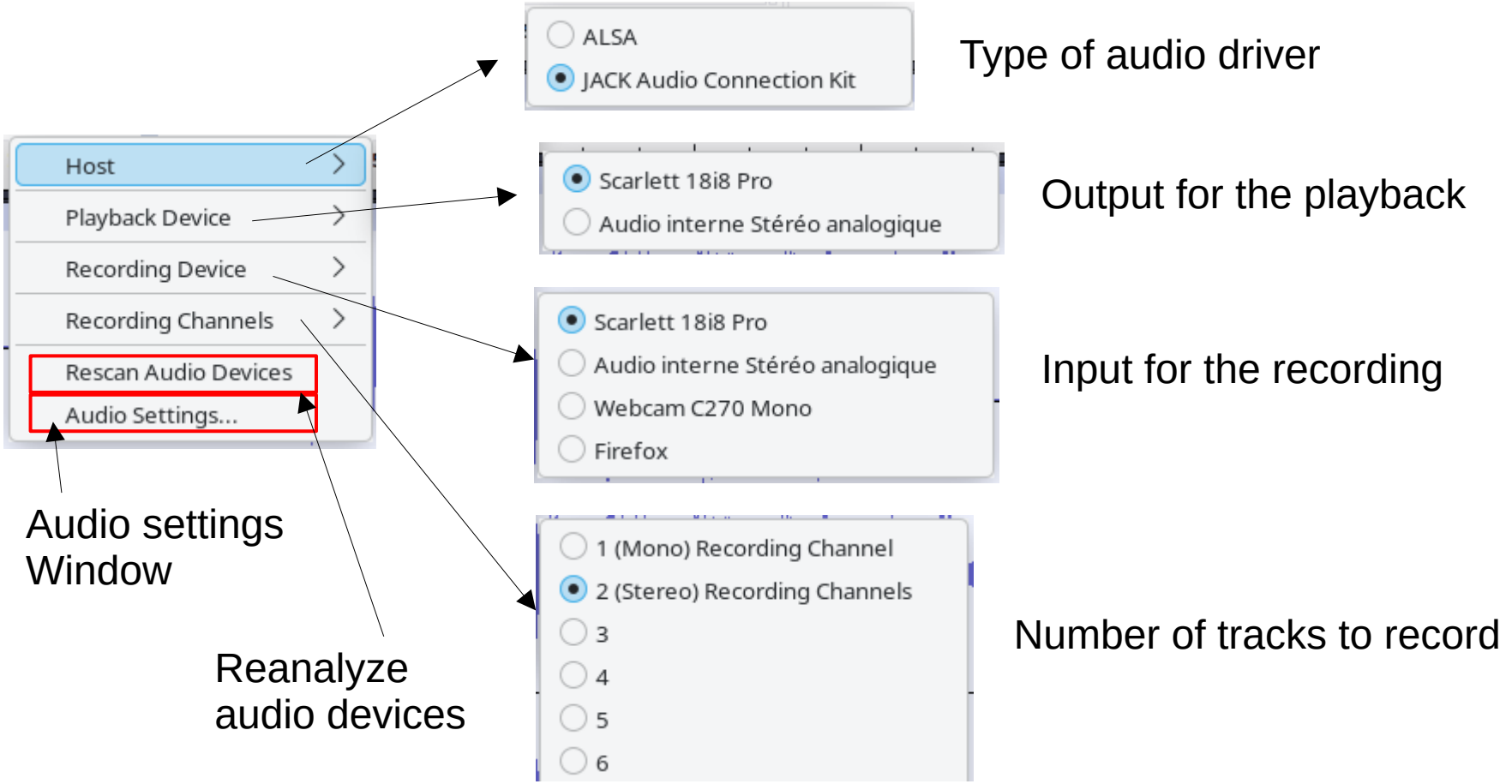
Icons for track edition

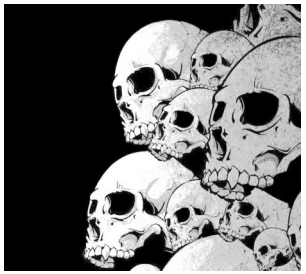
Audio device settings area

Input / Output audio levels

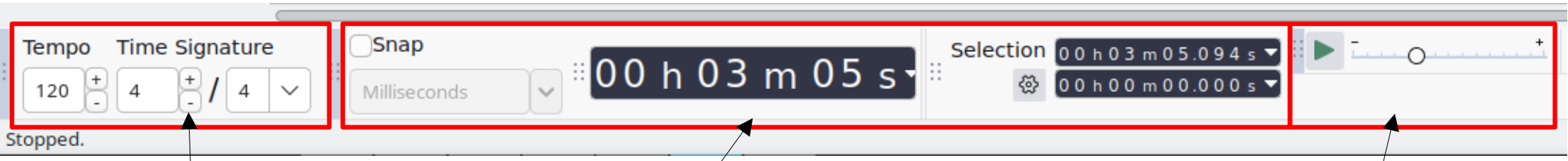


Audacity
Inputs / Outputs menu





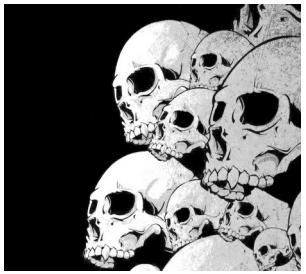
Audacity
Bottom bar



Tempo management

Time management

Speed management



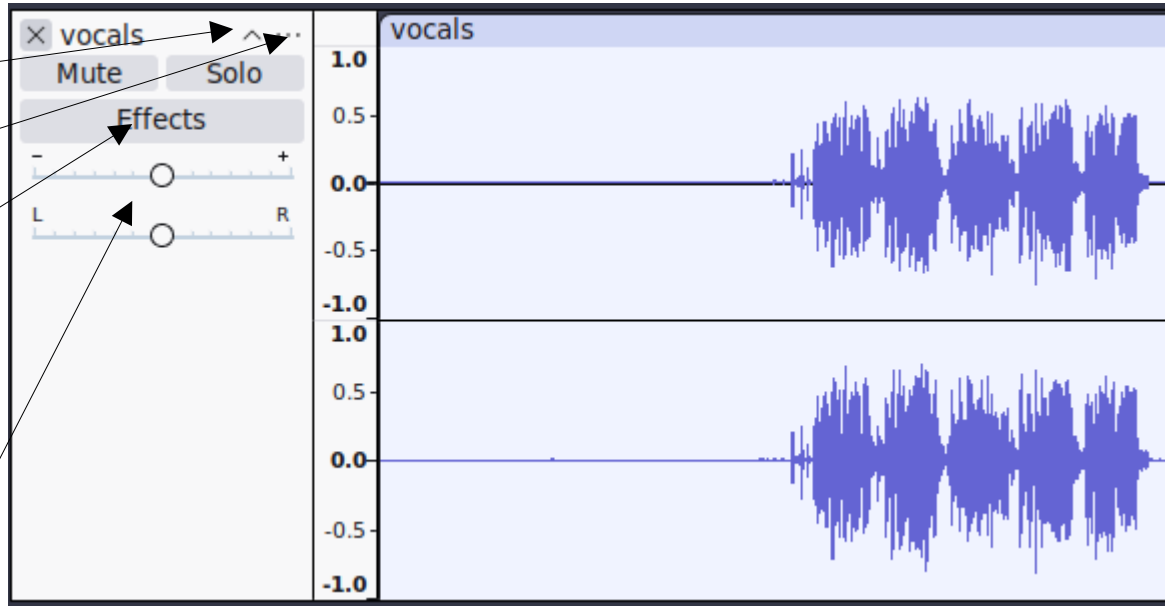
Audacity
The track area

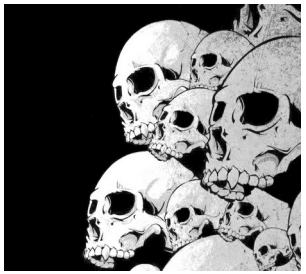
Shrink track

Track menu

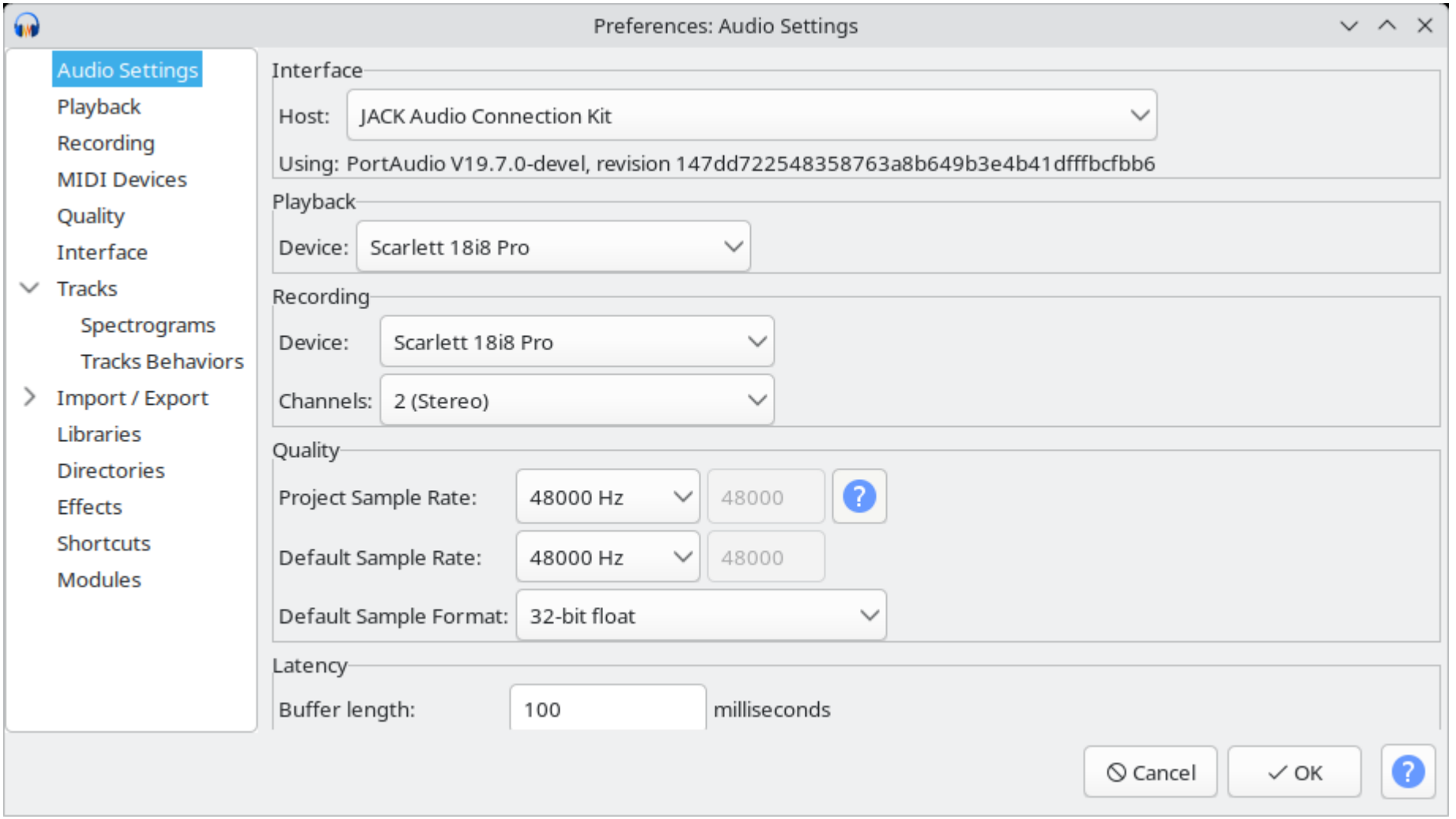
Realtime
track effects

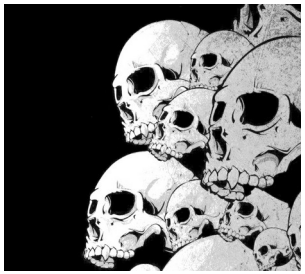
Volume /
Panning



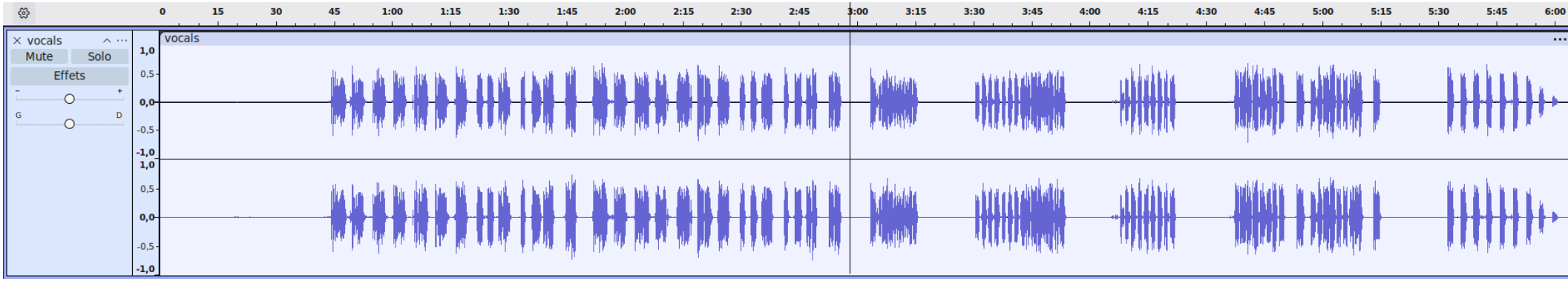


Audacity
The preferences

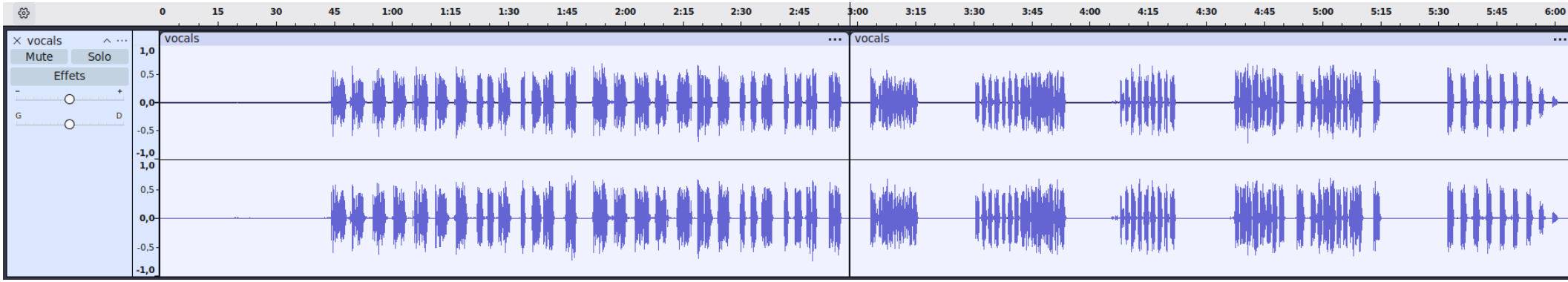


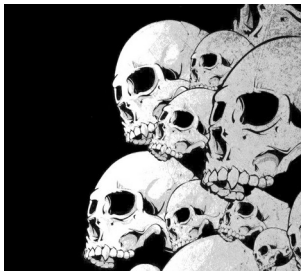


Common tasks
Cut a track

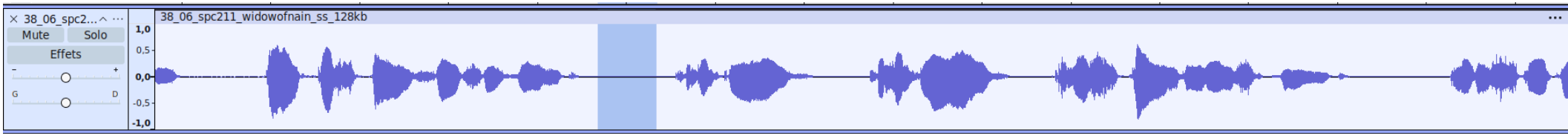


Move the cursor to the position to cut
Hit ctrl+i or go to « Edition → Audio Clip → Cut »

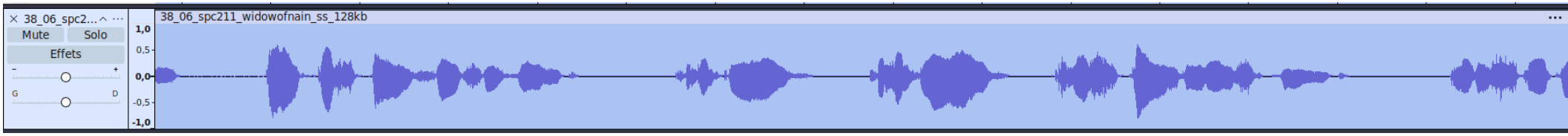


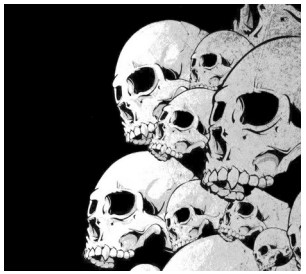


Common tasks
Denoise a track



Select a small area where there is some noise
Open Effect → Noise Removal and Repair → Noise Reduction
Click on « Get Noise Profil »
Select all the are you want to denoise
Open Effect → Noise Removal and Repair → Noise Reduction
Click on « OK »





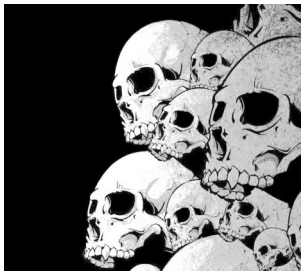
Audacity
Labels

Add a label track :
- Track → Add a new track → Label track

Go to the point where you want to add a marker
- Edition → Markers → Add a marker (Ctrl+B)

Navigate through the markers via :
- Navigate through the labels via TAB and Shift + TAB

The labels can be displayed via the karaoke mode



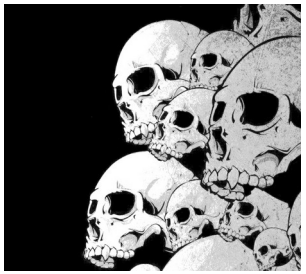
Audacity
Mix 2 tracks

File area with silence

Display the Mixer Windows

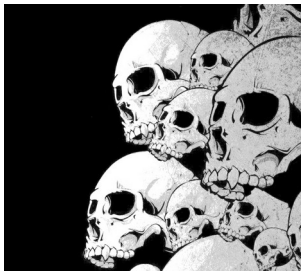
Adjust the level

Mix to a new track



Terms Introduction

STEM is used to describe several tracks combined into one audio file. All the tracks of a stem are linked together. One or several elements of a mix are combined into one mono or stereo track.



Spleeter Introduction

The github repository of spleeter (by Deezer) :
https://github.com/deezer/spleeter

Create a Python virtual environment :

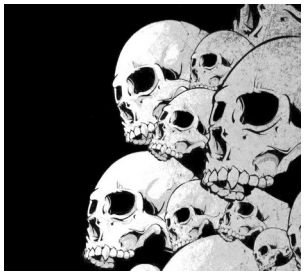
```
$ python3 -m venv spleeter
```

Install spleeter via pip (uses 1.7 Go of disk space):

```
$ source spleeter/bin/activate
$ pip install spleeter
```

Launch spleeter :

```
$ source pleeter/bin/activate
$ spleeter separate -p spleeter:2stems -o Output InputFile.mp3
```



Demucs Introduction

The github repository of demucs (by FaceBook) :
https://github.com/facebookresearch/demucs

Create a Python virtual environment :

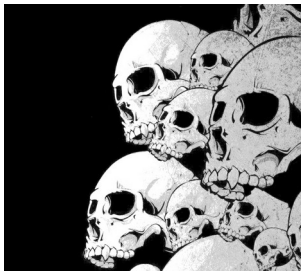
```
$ python3 -m venv demucs
```

Install demucs via pip (uses 5.1 Go of disk space):

```
$ source demucs/bin/activate
$ pip3 install demucs
```

Launch demucs:

```
$ source demucs/bin/activate
$ demucs --mp3 --two-stems=vocals --jobs 2 --shifts 10 InputFile.mp3
```



Openunmix Introduction

The github repository of openunmix :
https://github.com/sigsep/open-unmix-pytorch

Create a Python virtual environment :

```
$ python3 -m venv openunmix
```

Install openunmix via pip (uses 6.5 Go of disk space):

```
$ source openunmix/bin/activate
$ pip3 install openunmux
```

Launch openunmix:

```
$ source openunmix/bin/activate
$ umx InputFile.wav --model umxl
```

Available pretrained models :
- umxl
- umxhq
- umx
- umxse