



# SERVAL

## AUDIO EDITOR

### Proudly served by Flask

On server side, Serval is powered by Flask, a powerful Python framework that allows you to work in the cloud, seamlessly.

### WebAudio pipeline? Sounds good

Serval features an audio pipeline based on WebAudio, the fastest API to process audio and complex effects - in real time, of course.

The screenshot displays the Serval Audio Editor's user interface. At the top left is a sidebar with project management options like 'New', 'Load from computer', and 'Save to computer'. The main area features a 'Tracks' tab with a timeline from 0 to 48 seconds. Multiple audio tracks are shown, each with a waveform and volume faders for 'L' and 'R'. A red box highlights the bottom track, which includes a microphone icon for recording. To the right, a blue box highlights a 'Filters' section with buttons for 'Deconvolve', 'Reverb', 'Delay', and 'Fade', along with controls for 'Duration' (set to 100 ms) and 'Mix' (set to 40%). A large yellow box highlights a zoomed-in portion of the waveform at the 24-second mark, showing detailed audio structure.

### Multitrack & Record on the fly

The multitrack system allows you to get sound from as many sources as you want. You can acquire audio from your microphone in just one click.

### The best of HTML5 & CSS3

Serval makes use of the top notch technologies of today's web. Tracks are drawn dynamically in canvases ; feel free to drag them or zoom in.

All these features are available on your web browser, for free!  
Serval is open source, under GPL license. Fork us on GitHub :



Projet d'étudiants de 1<sup>ère</sup> année

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dans le cadre du PAF : quinze jours chrono !