Zero Cost Music Making

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To the Cloud

Background

- applications are no longer locally in the computer, services are, instead, in the Internet and we'll access them via browser
- data resources and documents are there, too
- externalized technical support

To the Cloud

- ever growing variety of resources
- provided by scientific societies, commercial companies, multimedia artists, enthusiasts...
- simple and explicit, better for pedagogical uses
- one has to filter resources

To the Cloud

- notation, composing, accompaniment, arranging, audio laboratory...
- tools for several teaching positions and needs
- support for pluralistic attitude in music education

To the Cloud

- emphasis on communities
- communities are easily integrated while both tools and products are in the net
- modern music education benefits the means: make together, publish to each other

Pros in the Cloud

- immediate access to the tools, no downloading and installation
- no licences, no updating, no backup copying
- tools work everywhere where is a computer and Internet access
- work similarly on different platforms and operating systems (with some exceptions), cont'd.

Pros in the Cloud

- normally the use is free at the basic level
- integrated support for communities (publishing, delivery, collaboration)
- easy access to (nearly) everyone
- empowerment-as-enablement: tools which would not be possible to use otherwise (virtual instruments, orchestras, musicians); enable processes like working in audio laboratory (cont'd)

Pros in the Cloud

- empowerment-as-enablement: enables one's own output, cultural production like composing, arranging, playing
- supports music education of special needs

Cons in the Cloud

- need of access to Internet, operations depend on the bandwidth in use
- possible needs of plug-ins
- browser incompatibilities
- registrations, sign-ups
- commercial intrigues functions

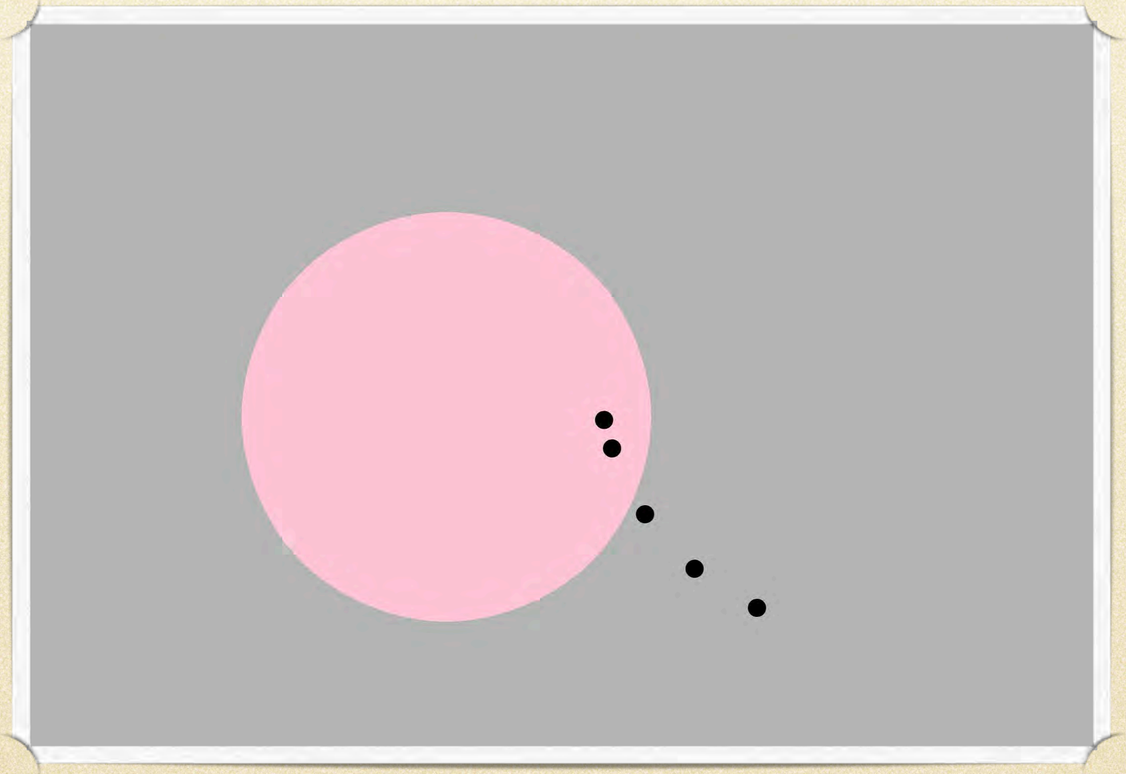
Cons in the Cloud

- application appears, application disappears
- no localization

No Threshold
With Keyboard
Fill the Grid
The Ambience & Groove
Notation
Loops & Sequencing
Creating & Collaborating

No Threshold

Patatap



https://patatap.com

Typatone

https://typatone.com

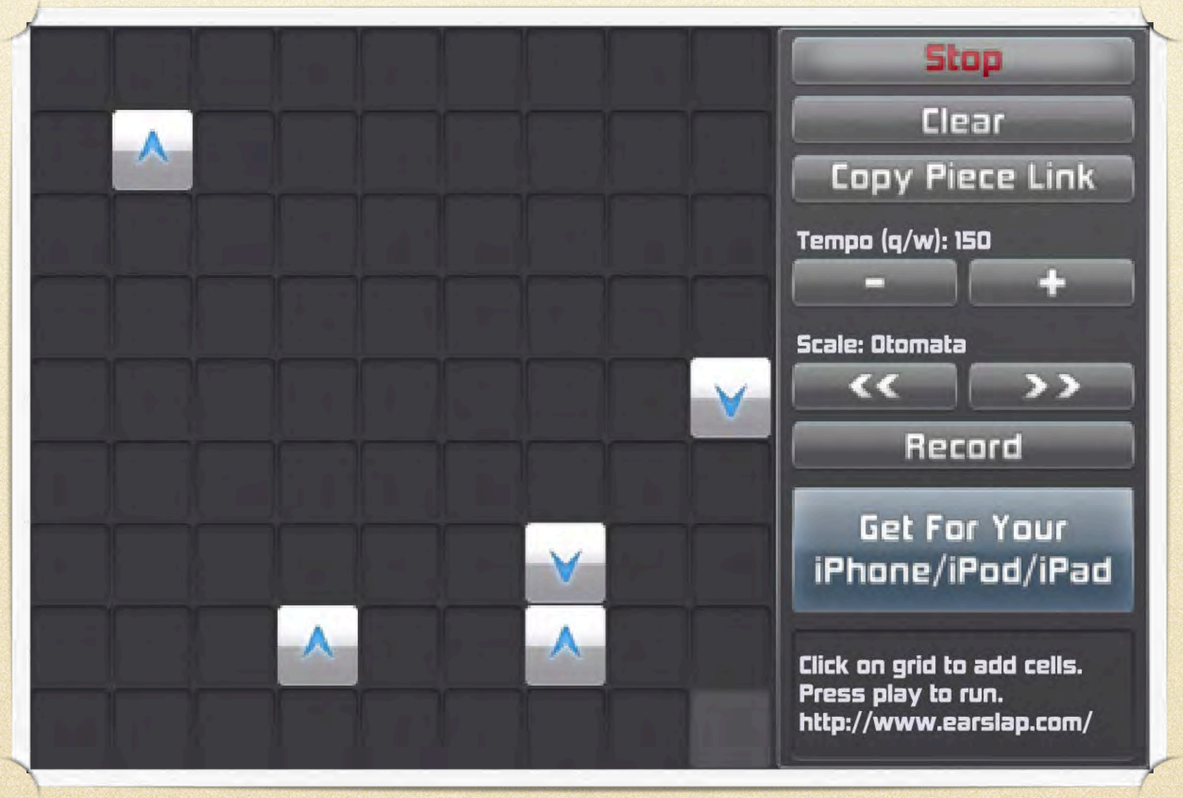
Touch Pianist

http://touchpianist.com

Virtual Drumming

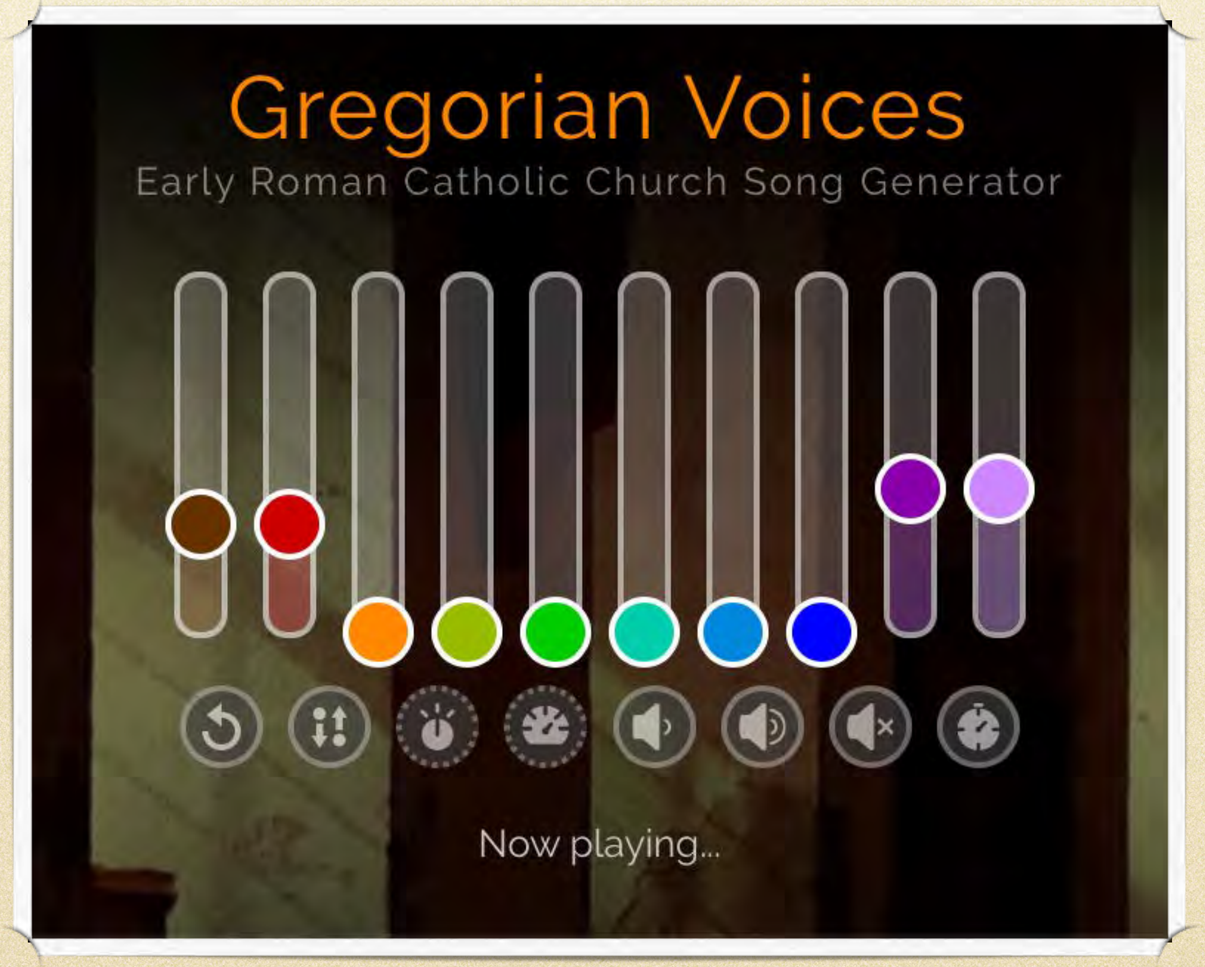
https://www.virtualdrumming.com

Otomata



https://earslap.com/page/otomata.html

Gregorian Voices



MyNoise

Web Audio Modules

https://synth.playtronica.com/

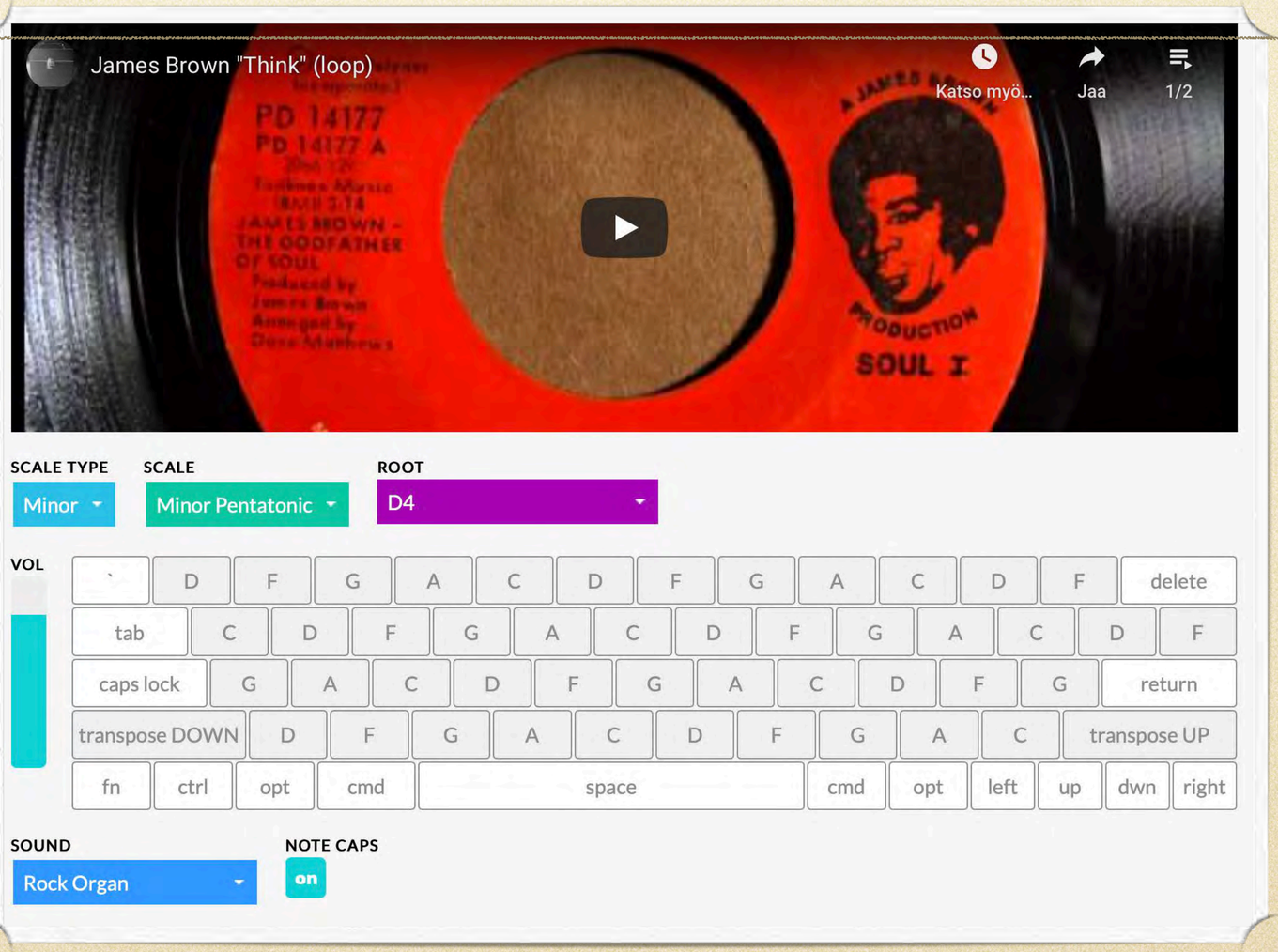
Incredibox

http://www.incredibox.com

Groove Pizza

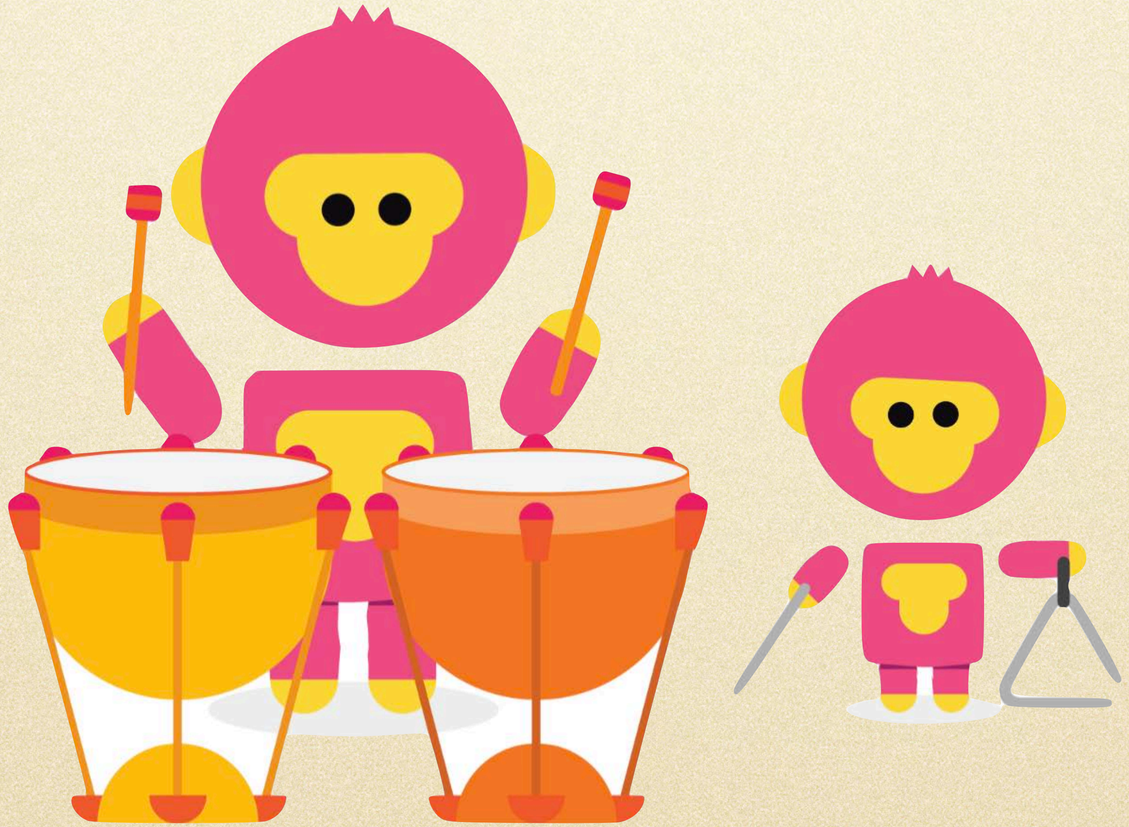
https://musedlab.org/groovepizza

aQWERTYon



https://musedlab.org/aqwertyon

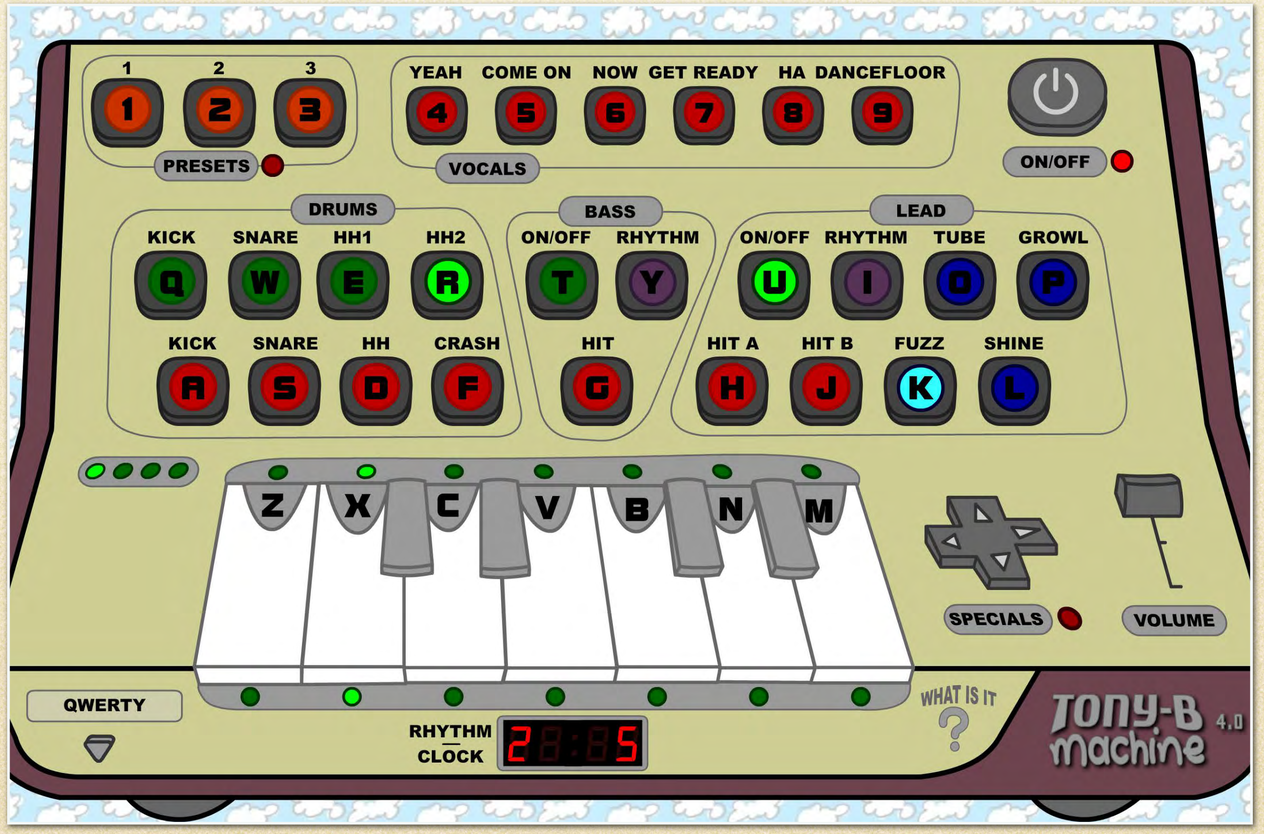
CHROME MUSIC LAB



https://musiclab.chromeexperiments.com/Experiments

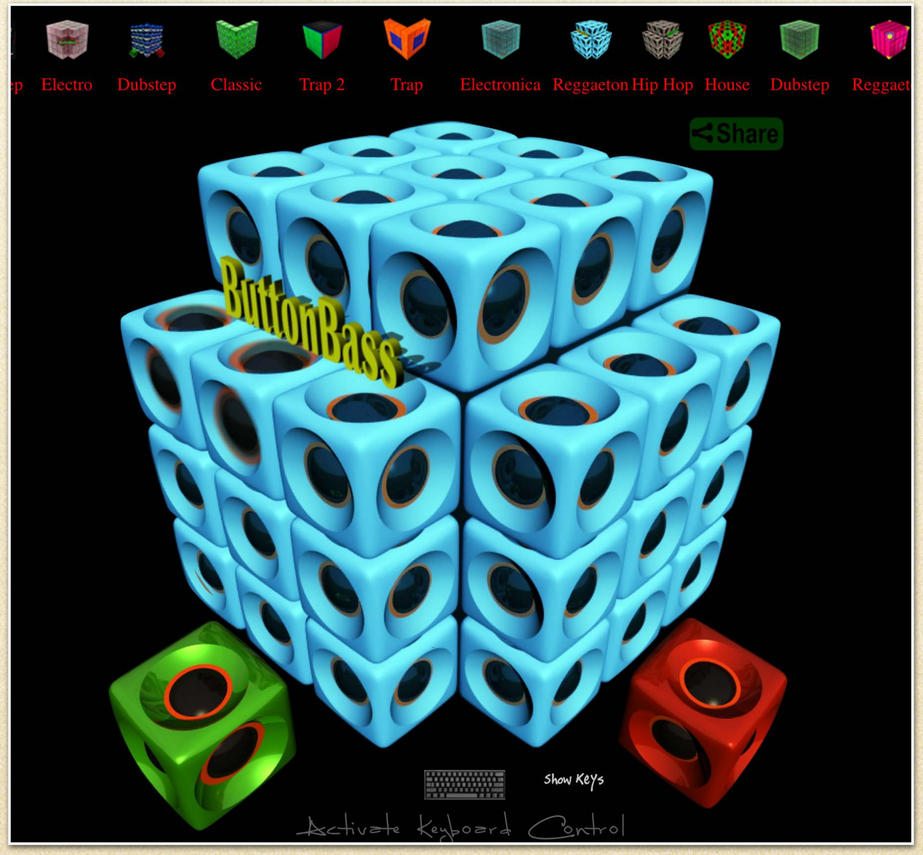
With Keyboard

Tony-B machine



http://www.tony-b.org

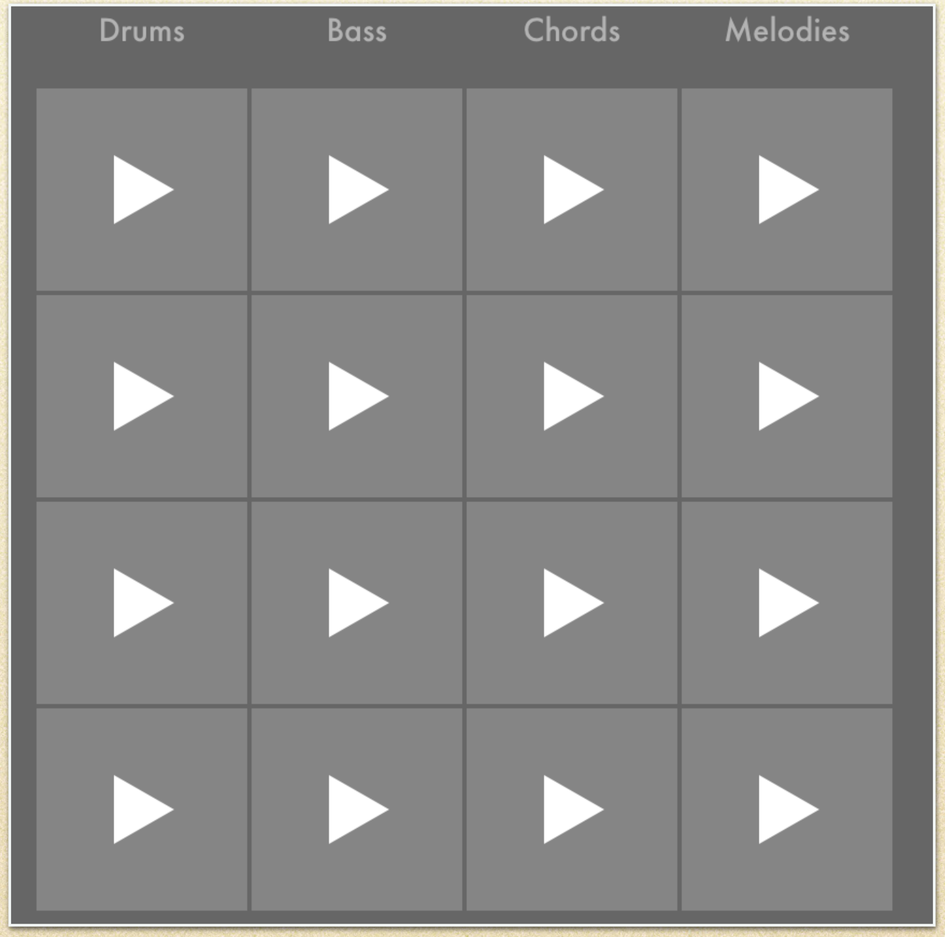
Button Bass



http://www.buttonbass.com/index.html

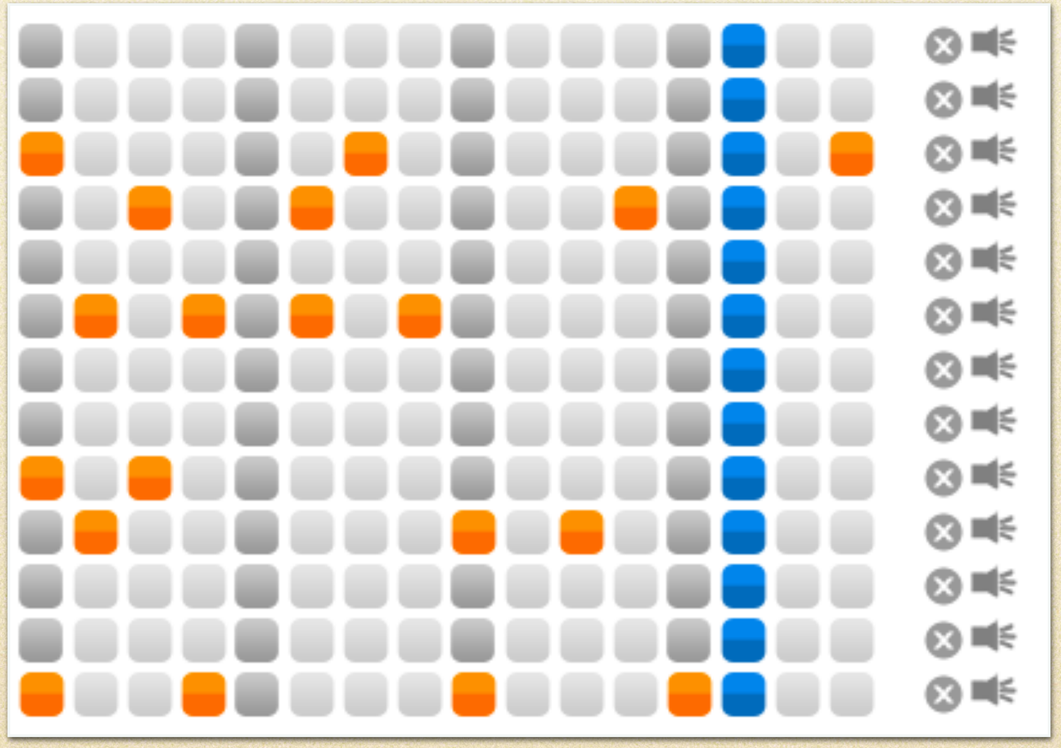
Fill the Grid

Ableton education



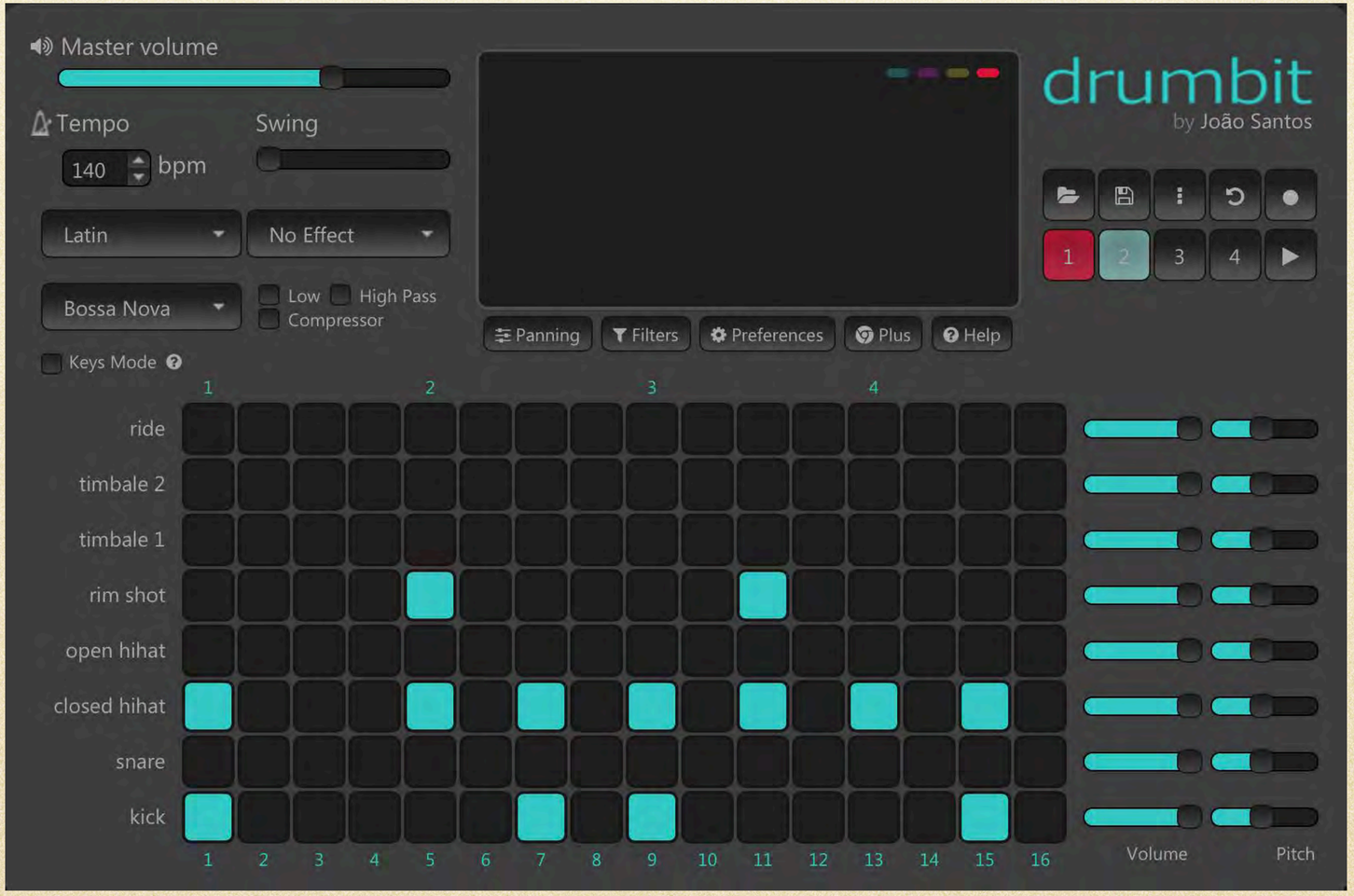
https://learningmusic.ableton.com

Beatlab



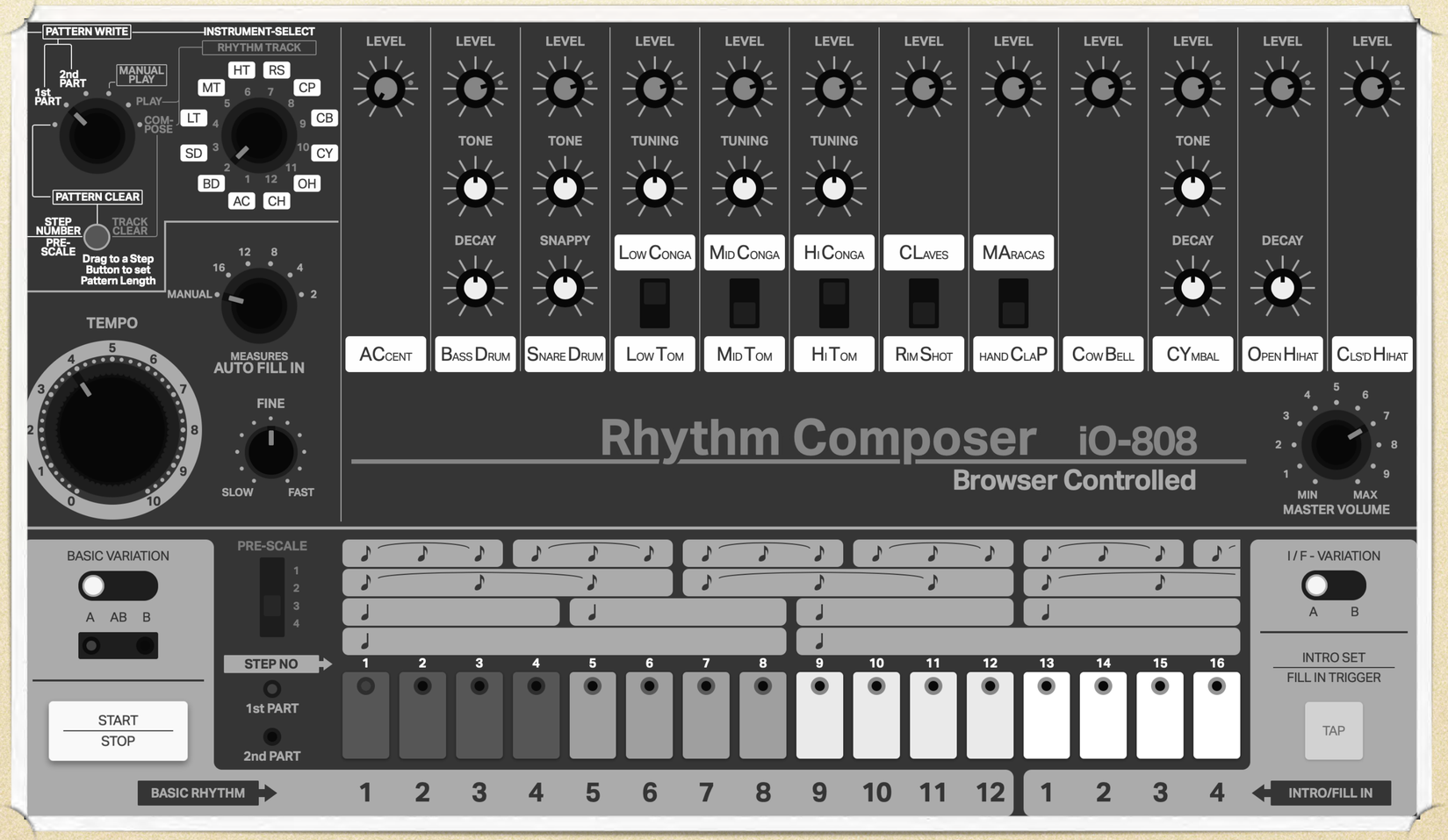
http://www.beatlab.com/

Drumbit



https://drumbit.app

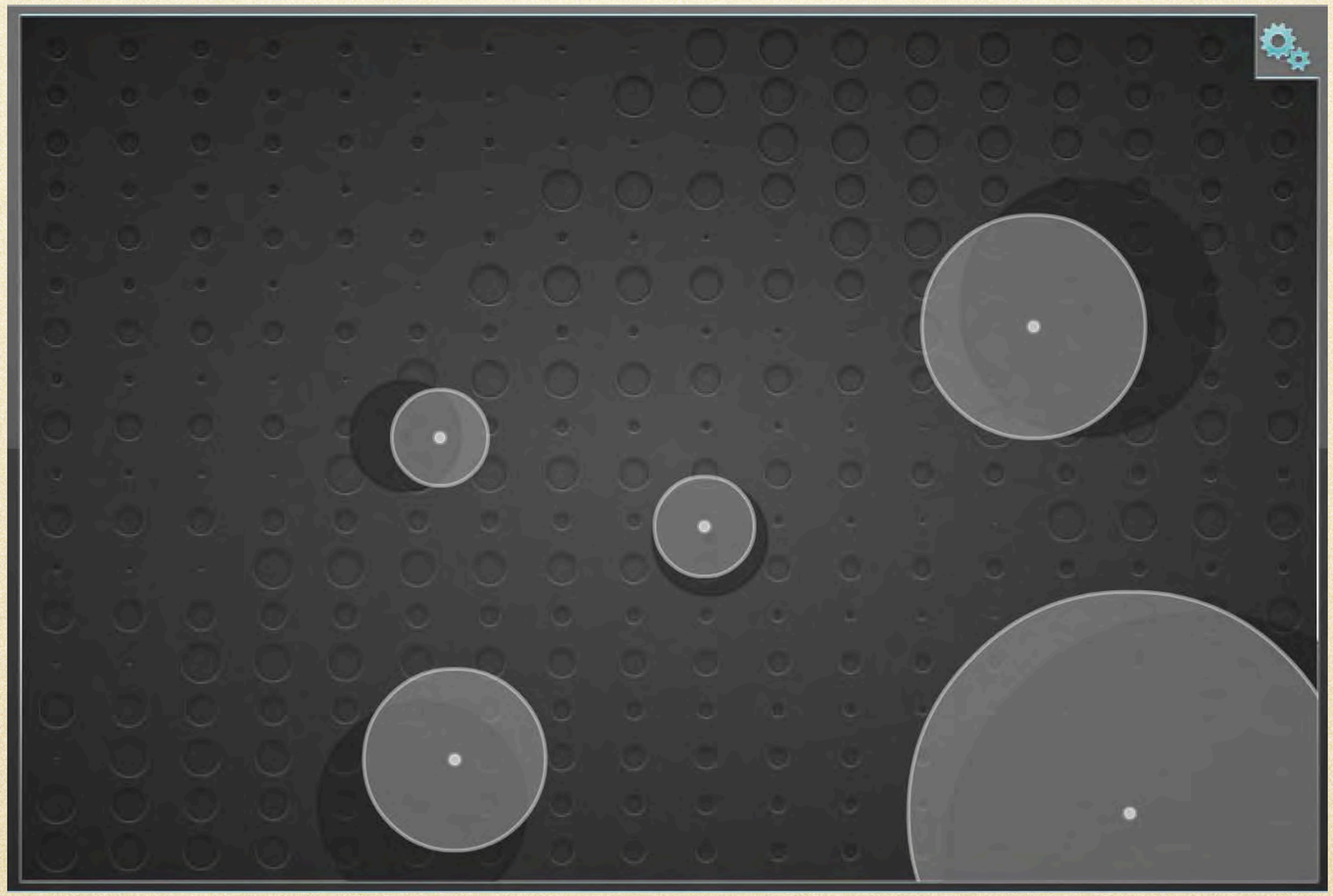
iO-808



https://io808.com

The Ambience & Groove

Circuli



https://earslap.com/page/circuli.html

Ambient Mixer

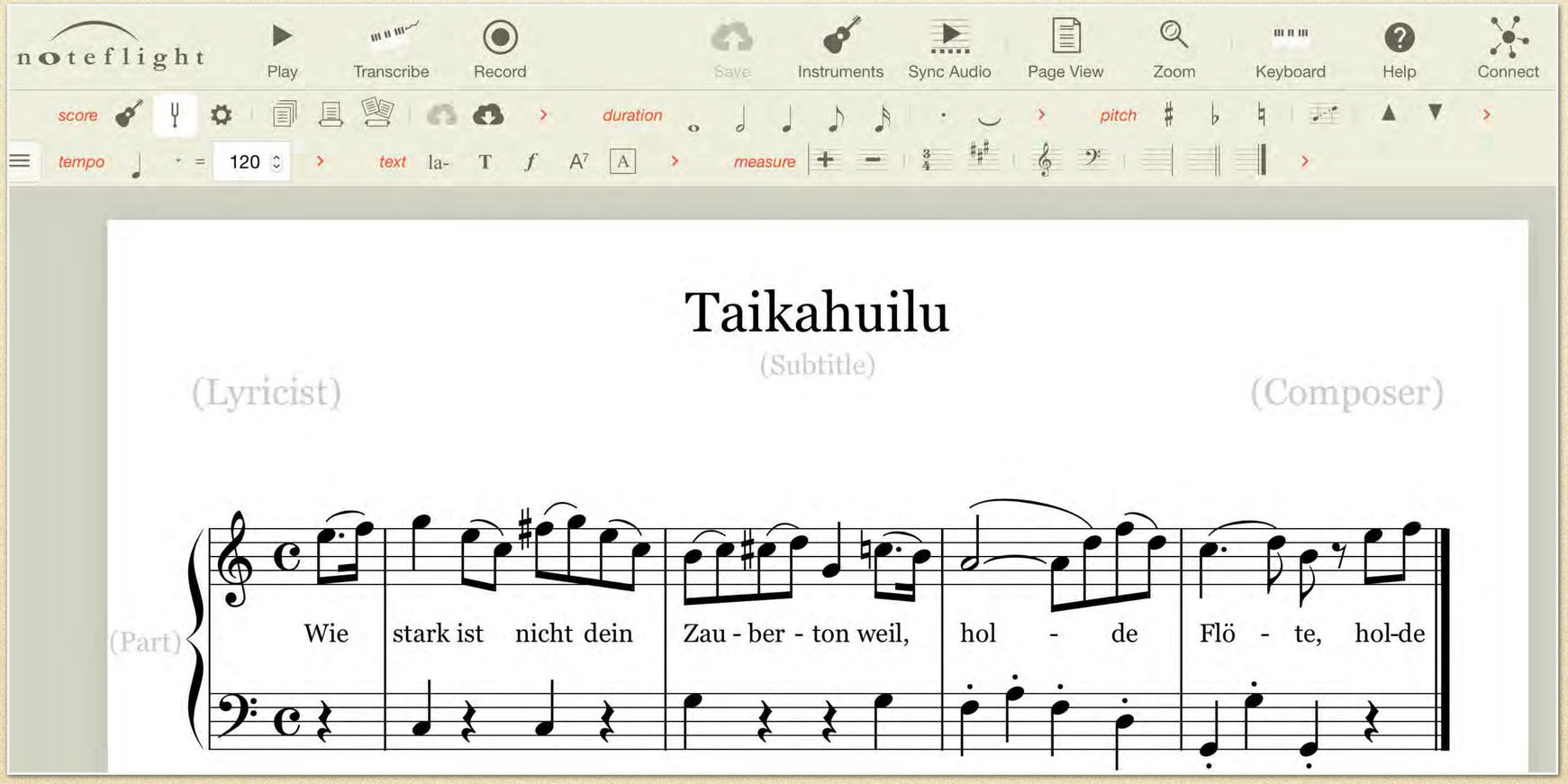
http://www.ambient-mixer.com/

YouDJ

https://you.dj

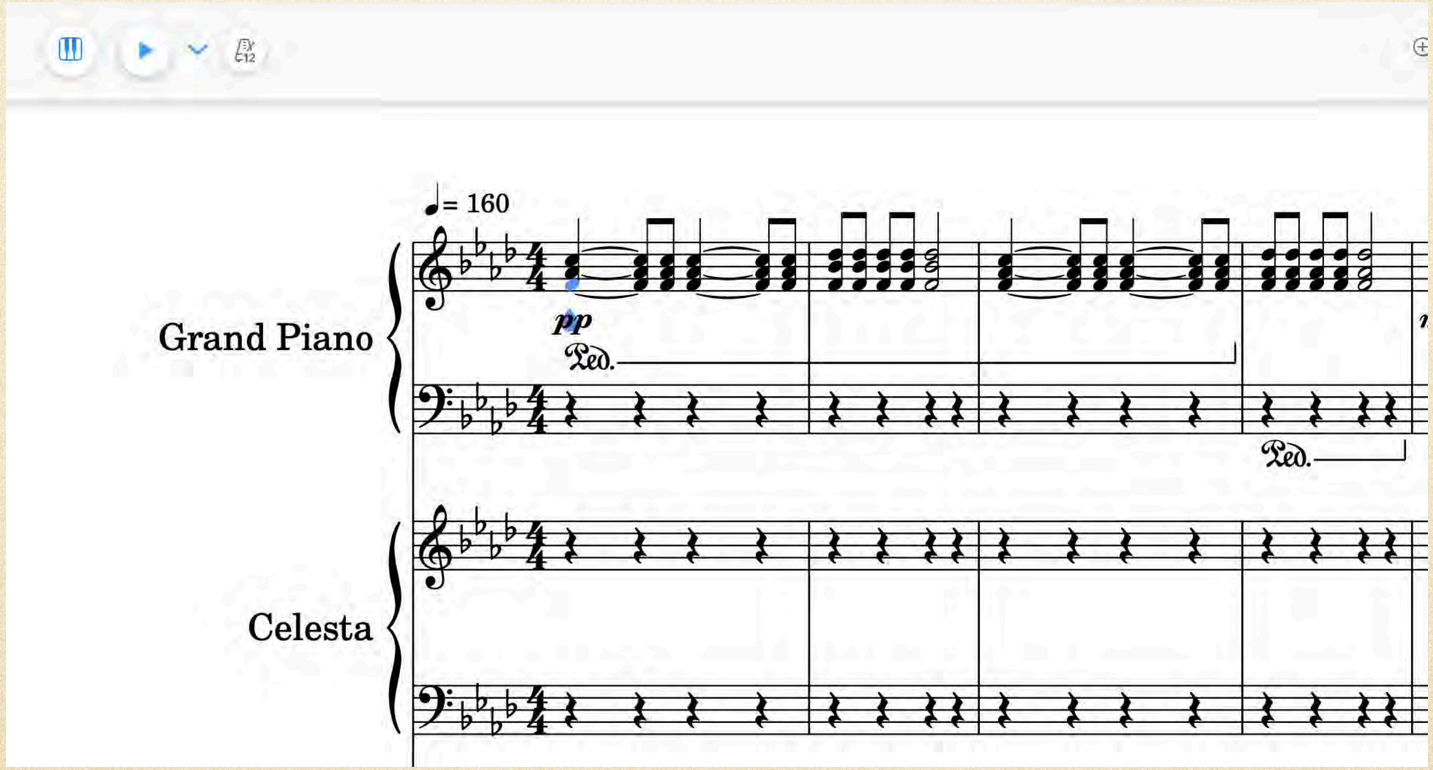
Notation

Noteflight



http://www.noteflight.com/

FLAT.IO



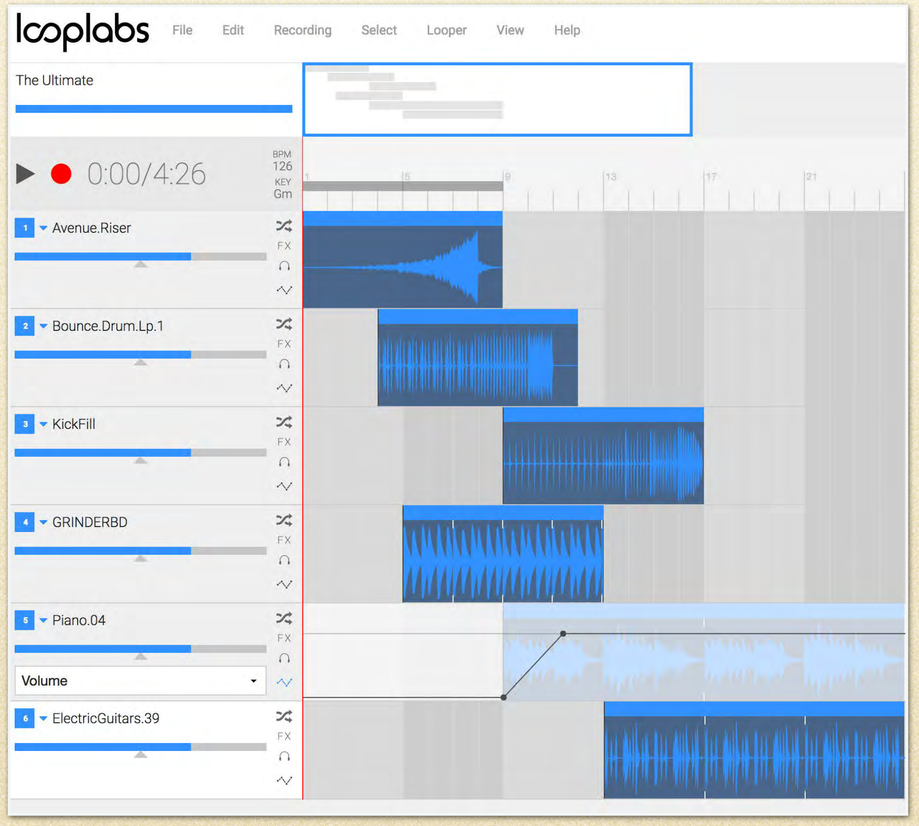
https://flat.io/

Loops & Sequencing

JamStudio

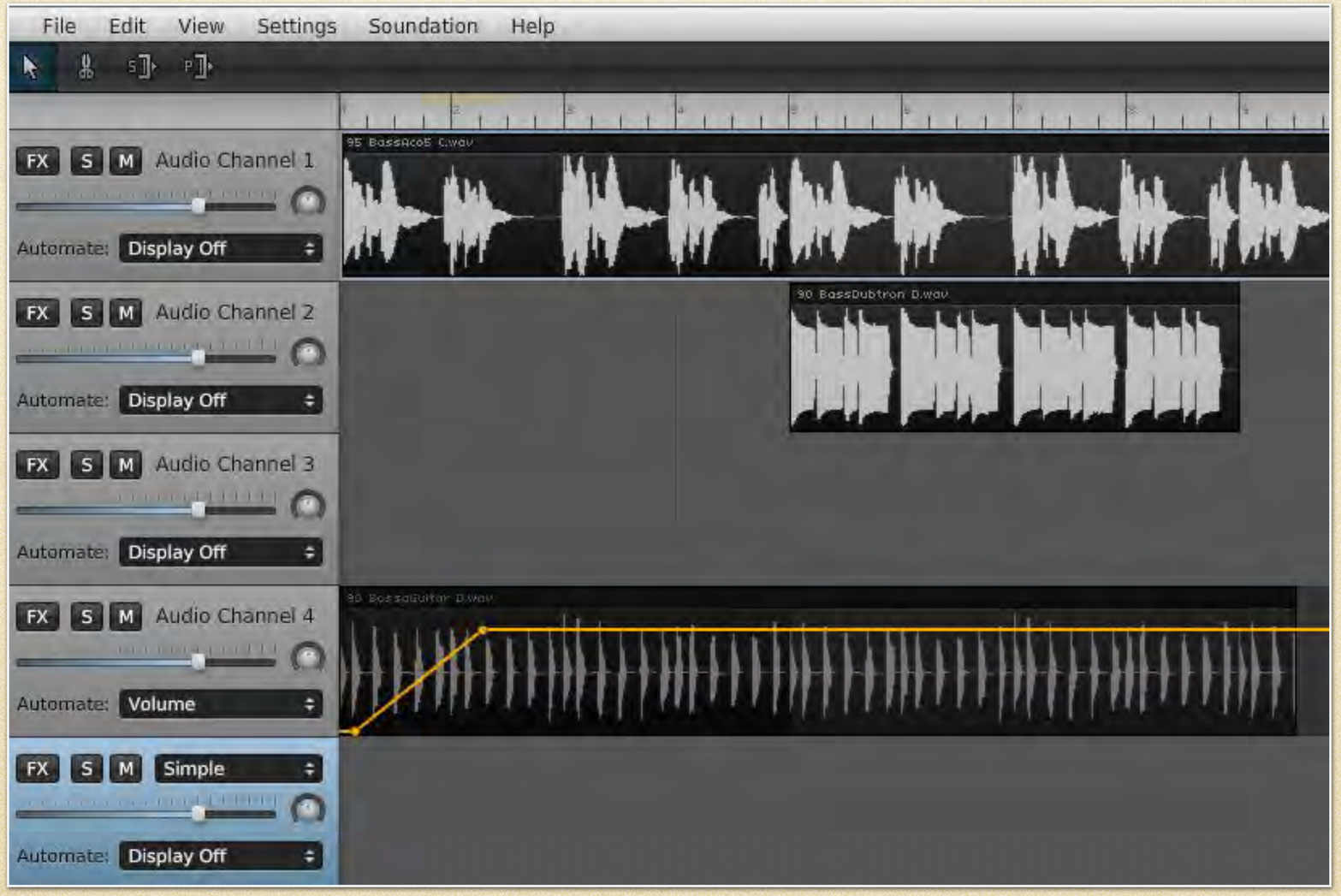
http://www.jamstudio.com/Studio/indexStudio.htm

Looplabs



https://www.looplabs.com/studio/

Soundation

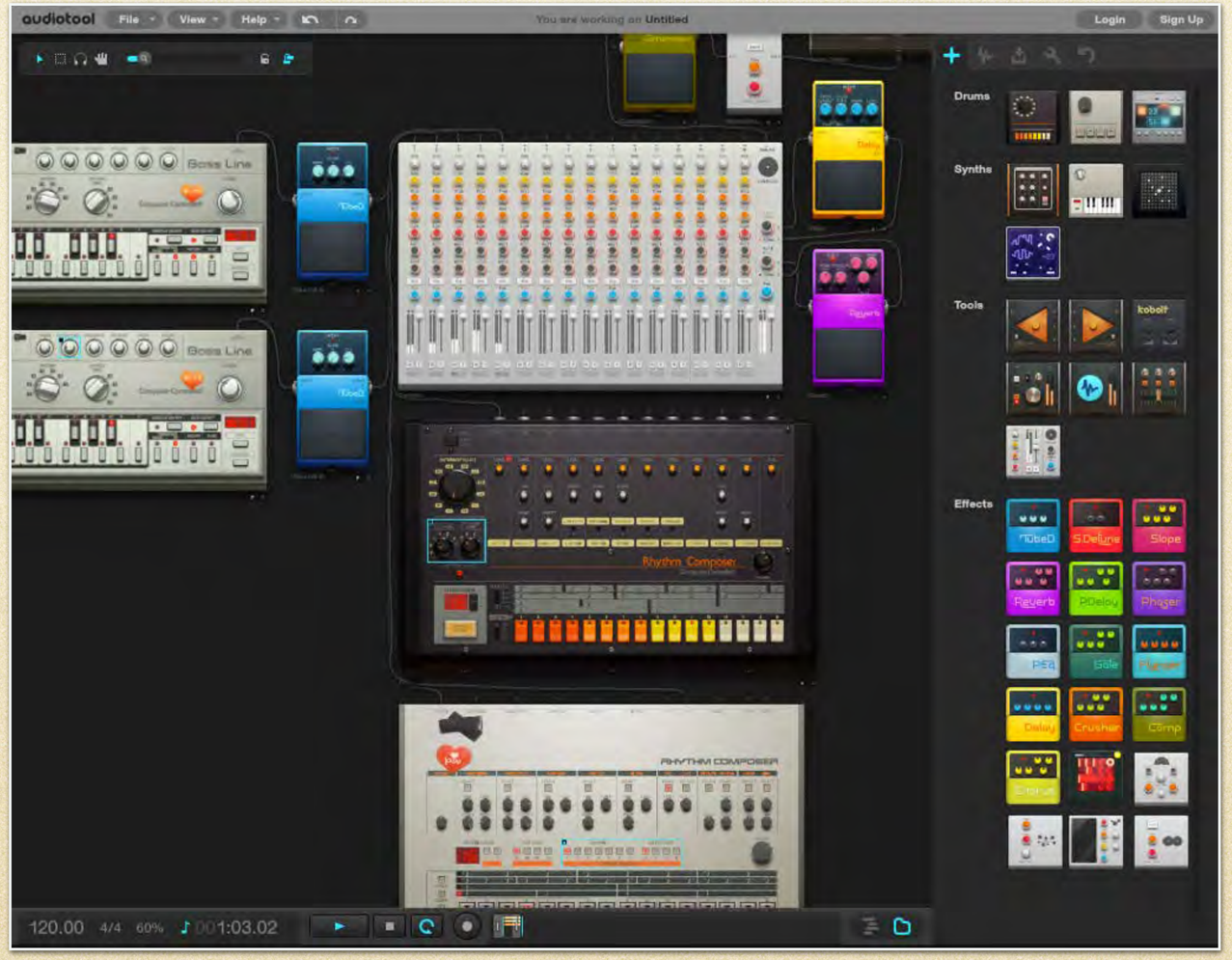


http://soundation.com/studio

Audio Sauna

http://www.audiosauna.com

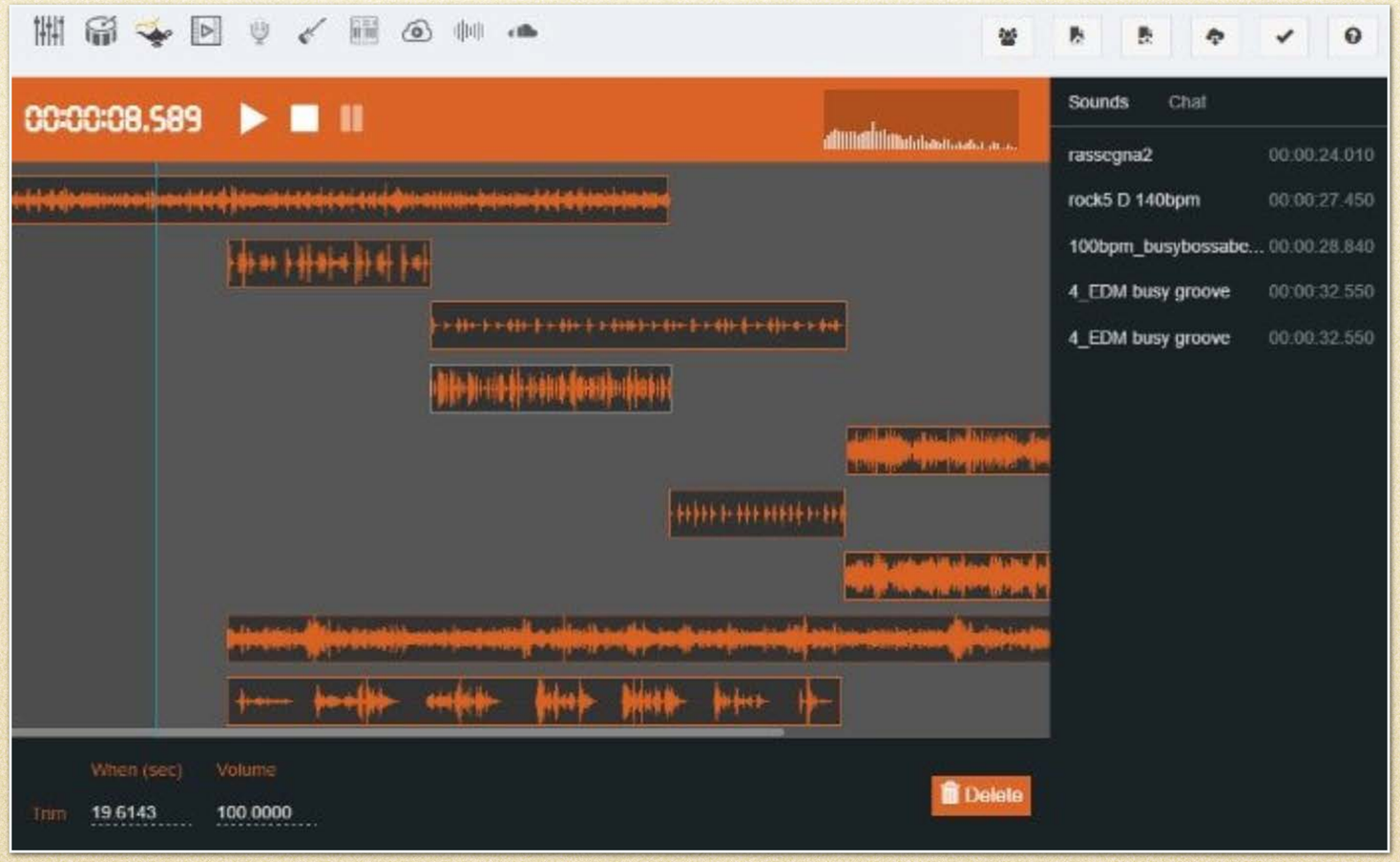
Audiotool



http://www.audiotool.com/

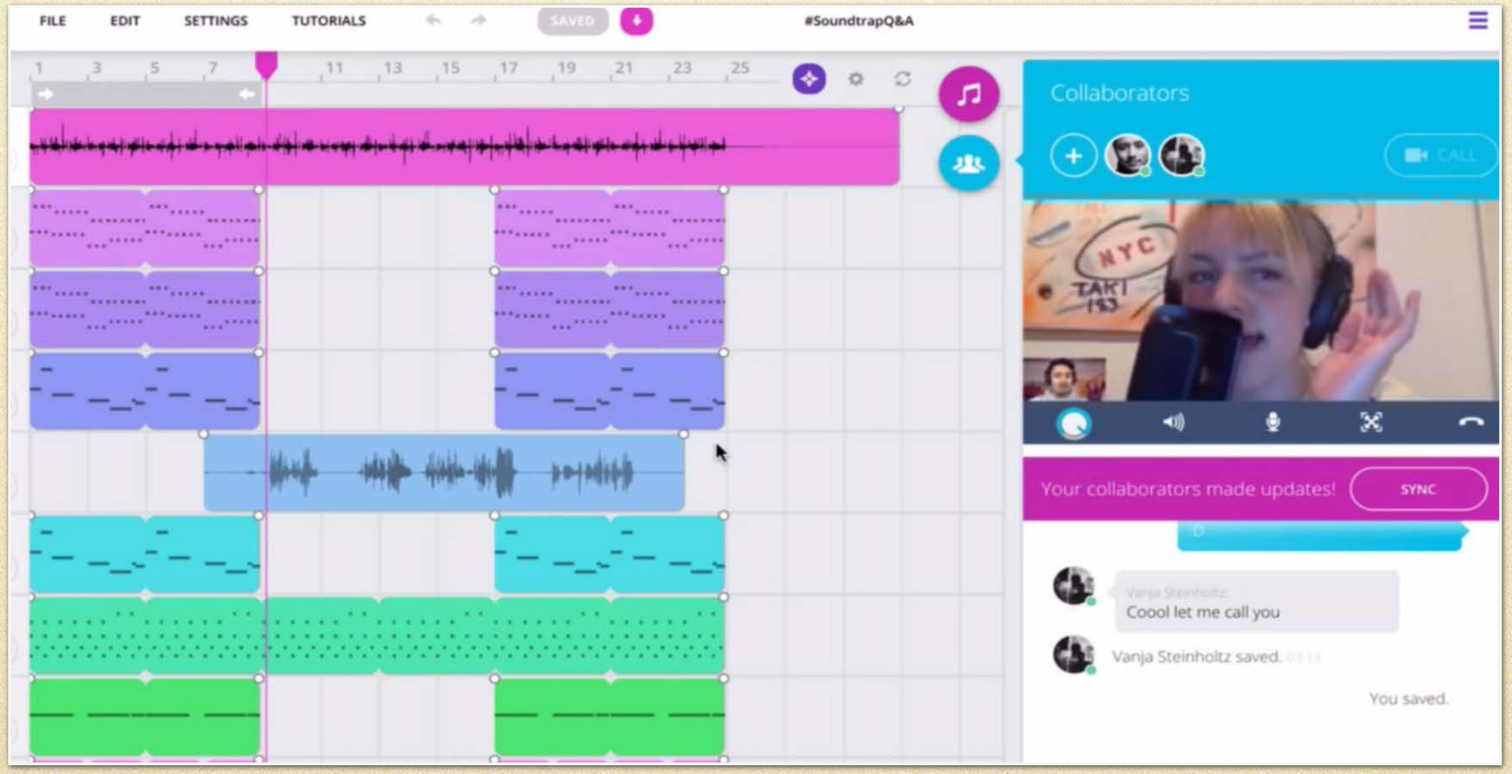
Creating & Collaborating

Snapjam



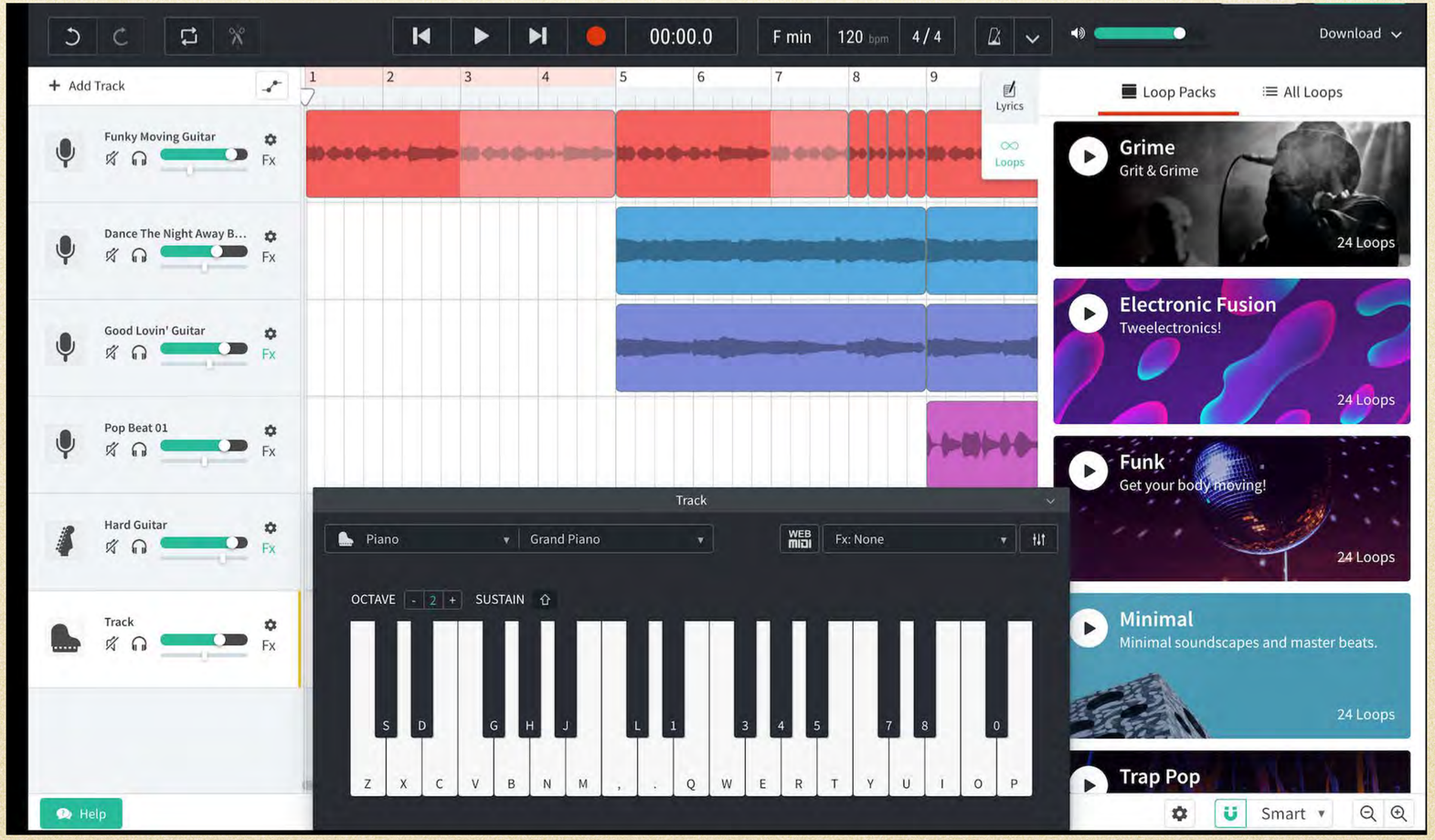
https://www.snapjam.co

Soundtrap



https://www.soundtrap.com/

Bandlab



https://www.bandlab.com/

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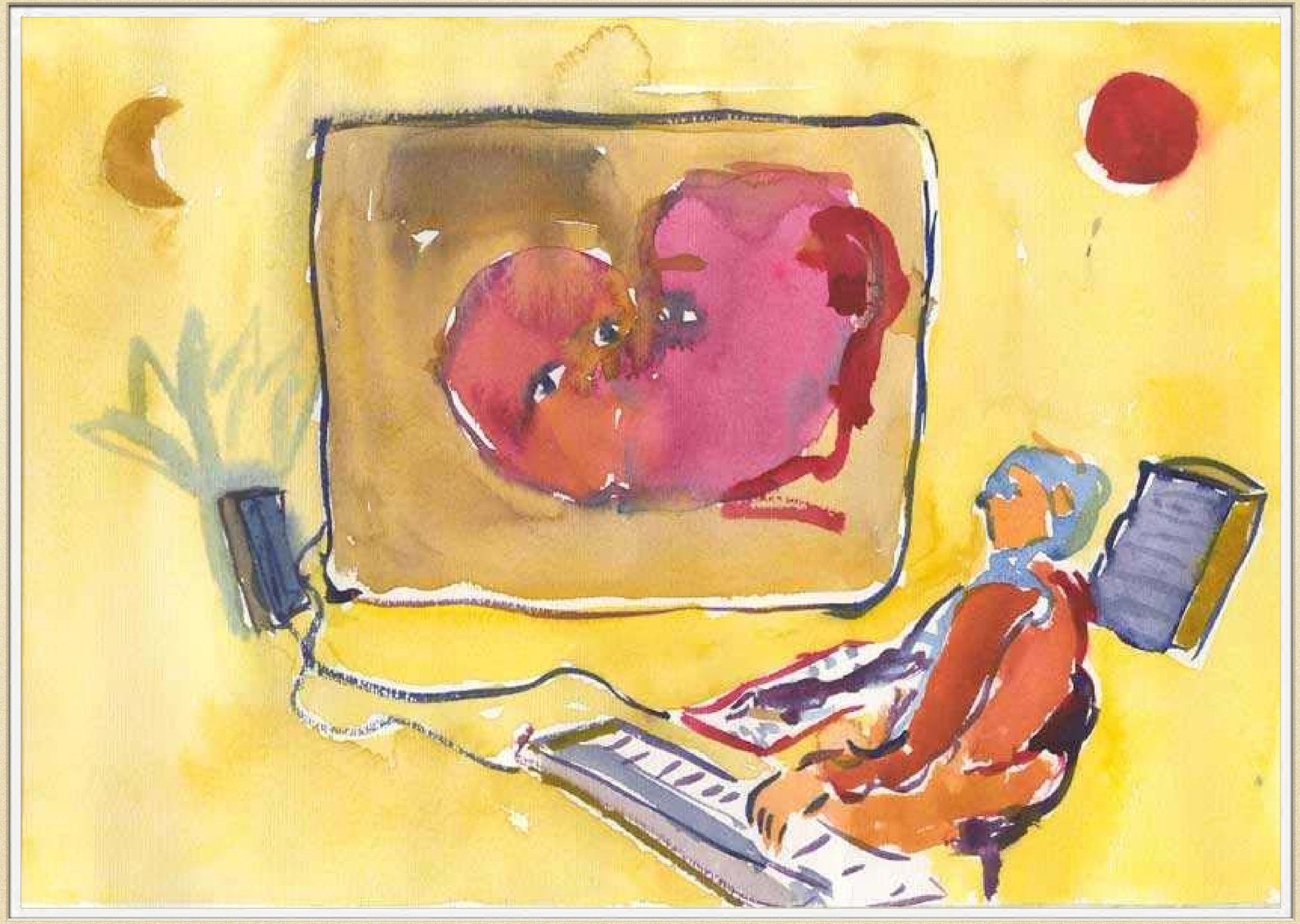
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