

Synth Randomizer

A sound experiment by David Azar

Concept.

Sounds fancy, what is it?

A tool that helps musicians unfamiliar with synthesizers explore a wide array of sounds while using minimal input.

Yeah but why?

Synthesizers, while incredibly **interesting and powerful** can be **very intimidating** to even experienced musicians.

They abstract so many mathematics, electronics and music **music concepts** in such a simplified interface that it becomes natural to feel lost even when just looking at one.

Yeah but why?



Source: Electronic Beats



Source: Guitar Center

Yeah but why?



[Source: Modular Synthesis](#)

Yeah but why?

**This tool does not pretend to substitute synthesizers,
rather provide a less steep learning curve to them.**

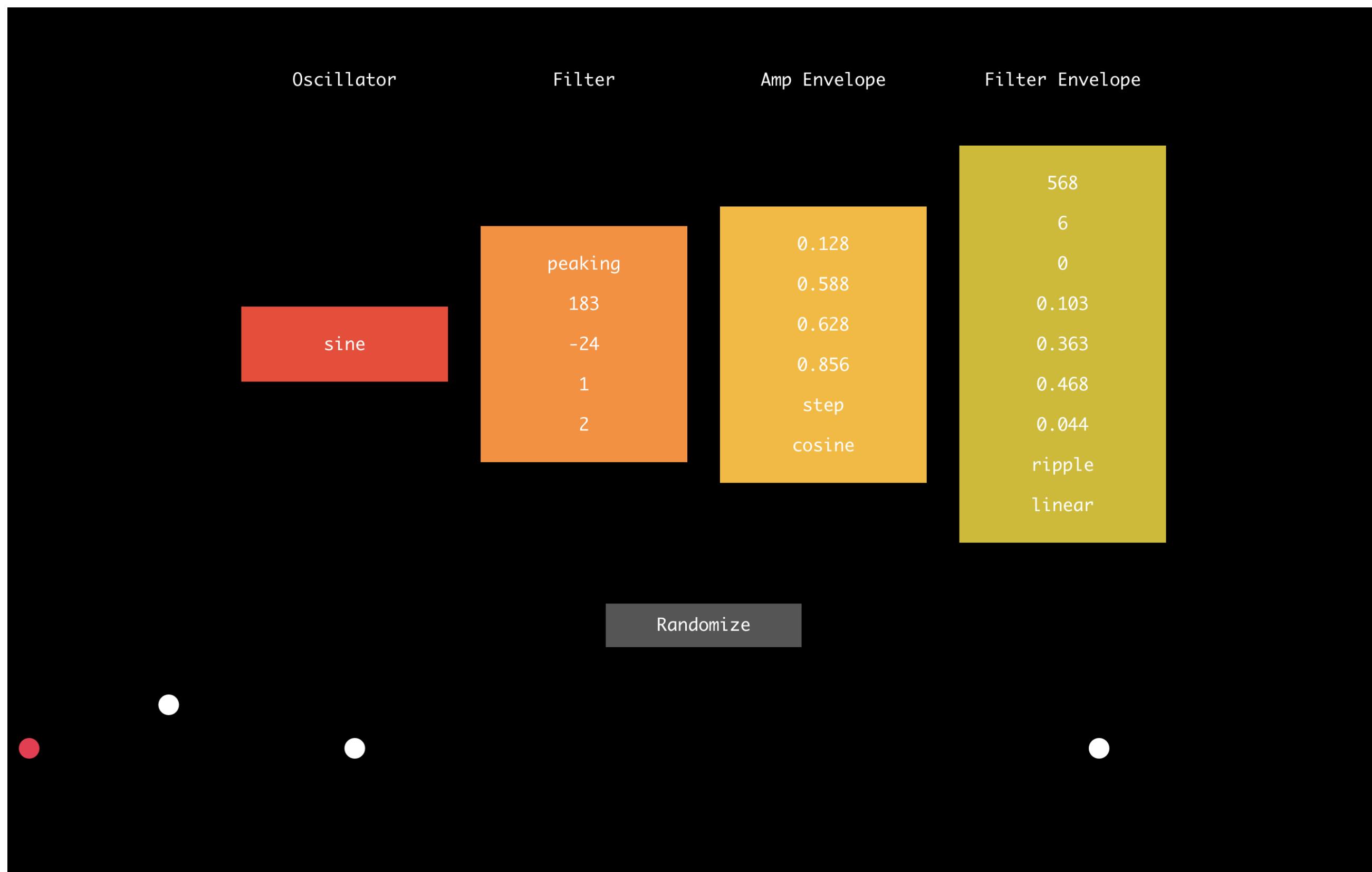
Design.

Design

Incorporated feedback from previous experiment.

Fact: A piano layout is the most universal music interface ever. However, it can be abstract.

Design: previous experiment



Cons:

- No control over parameters.
- Computer keyboard input is clunky and unnatural.
- Unclear effect of parameters over sound.

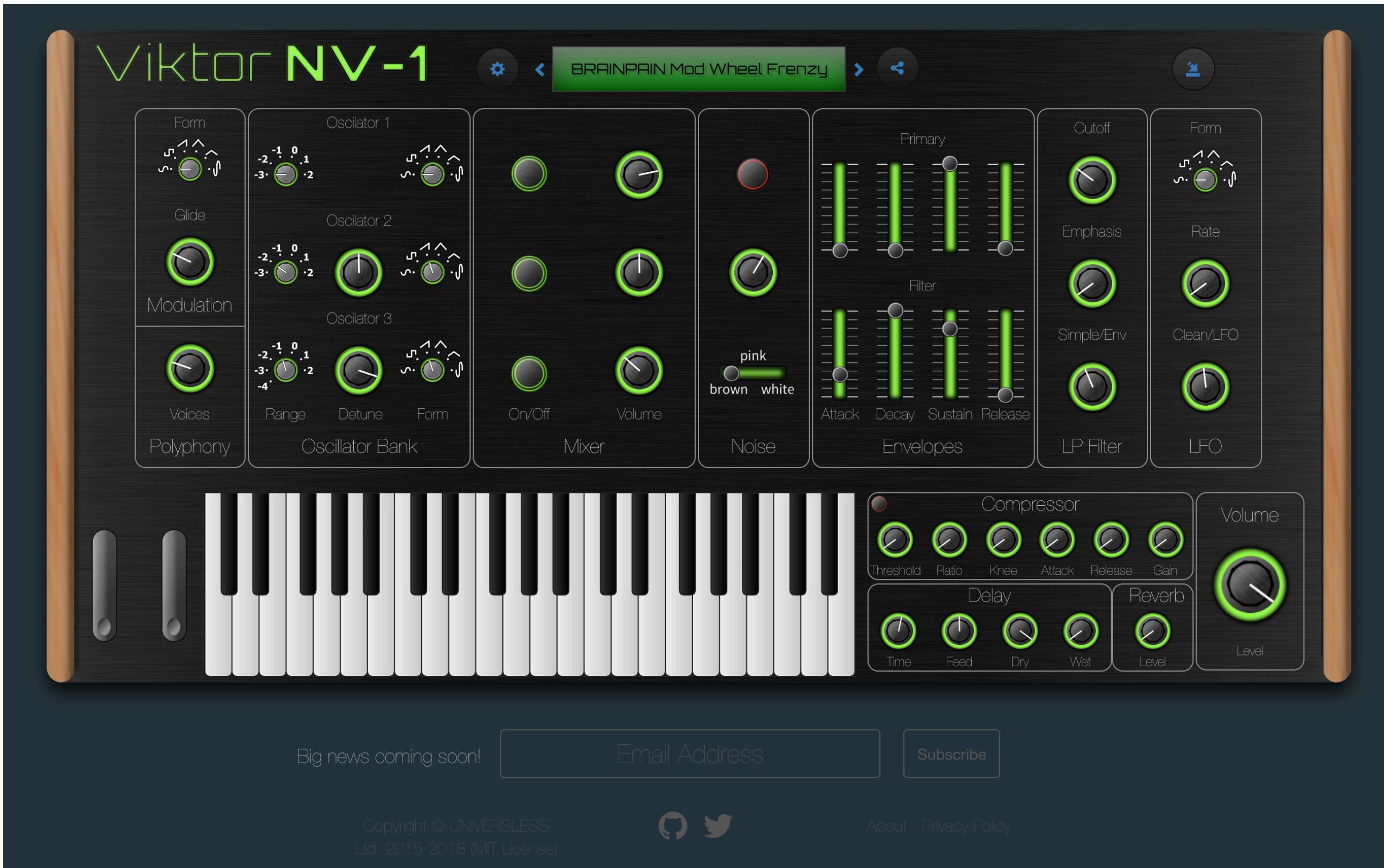
Design: previous experiment



Pros:

- Fun
- Easy to use

Design: components



[Link](#)

Design: musical interface



Organelle

[Source: Critter and Guitari](#)

Design: musical interface



Teenage Engineering OP-1

[Source: Guitar Center](#)

Design: musical interface



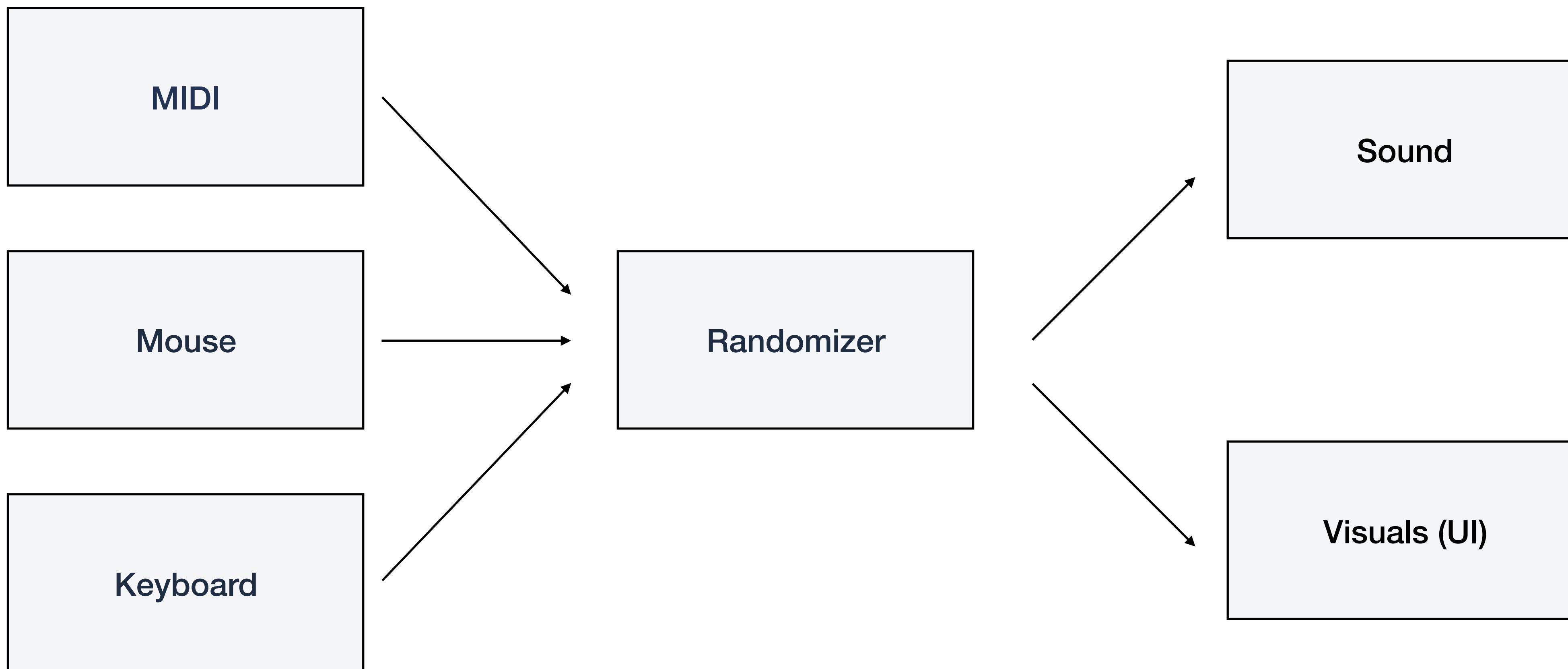
Sonicware ELZ_1

[Source: Vintage King](#)

Demo.

Technical.

How does it work?



How is it made?



Thank you.