uSEQ

Eurorack Live Coding CV/Gates/MIDI

```
1 (set-bpm 100)
2
3 (do
4   (defs
5     ;; Pink
6     num-steps (* 3.5 (toggle-pick [1 2 3]))
7     euclidean-trigs (euclid 16 num-steps bar)
8     sqr-trigs (sqr (fast 4 beat)))
9   (d1 (nth [euclidean-trigs sqr-trigs] ([0 1 0 0 0 0 0 1] bar))
10   ;; Orange
11   (a1 (nth [0.55 0.7 0.9] ([2 0 1 0 2 0 0 1] (slow 2 bar))))
12   ;; Green
13   (a2 (+ 0.3 (+ ([0.1 0.3 0.45] 0.1] (slow 2 bar)) (pow 2 (- 1 bar)))))
14   ;; Blue
15   (a3 (+ (* 0.1 (fast 4 (random)))
16        (/ ([1 0.4 2,4 8 3 9] (slow (toggle-pick [4 2 6]) bar)) 9))))
```
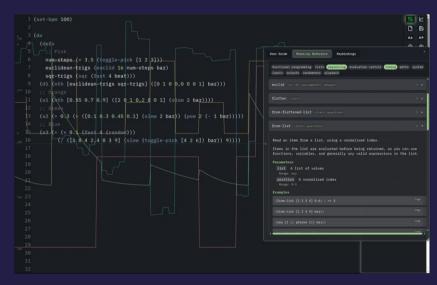
- Fully open source (hardware & software)
- Browser-based editor (+ offline)
- Custom Live Coding language for music
- Built-in guide, examples, snippets & 'quickmodes'
- CV & Gate Generator & Processor
  - Randomness <--> Determinism
  - Looping <--> Evolving
  - Rhythm <--> Free-form
- IO
  - Code over USB C — open protocol
  - 2x CV ins + attenuverters
  - 2x pulse ins
  - 3x CV outs
  - 3x pulse outs
- Controls
  - 2x encoders
  - 1x momentary switch
  - 1x three-way toggle switch