

# DORKBOT EDMONTON

special topic:

livecoding

```
arguments
1 .S::second => dur T;
2 T - (now % T) => now;
3
4 Impulse i => LPF filt => Gain g => dac;
5
6 8000 => filt.freq;
7 .1 => g.gain;
8
9 while (true) {
10     1 => i.next;
11     T / 8 => now;
12 }
13
14
```

```
arguments
1 .S::second => dur T;
2 T - (now % T) => now;
3
4 SinOsc s => Gain g => dac;
5
6 .05 => g.gain;
7
8 [0, 7, 0, 7, 5, 0, 2, 7] @=> int notes[];
9
10 while (true) {
11     for (0 => int i; i < notes.cap(); i++) {
12         Std.mtof(notes[i] + 30 + 36) => s.freq;
13         T / 16 => now;
14     }
15 }
16
17 }
```

Virtual Machine

running time: 15:49.08172

shreds: 5

shred	name	time	-
1	Untitled	9:23	-
5	Untitled	8:14	-
8	Untitled	7:19	-
9	Untitled 2	5:03	-
17	Untitled 2	2:33	-

```
Console Monitor
[Untitled 2]:line(45): undefined variable 't...
[chuck](VM): spawning incoming shred: 9 (Untitled 2)...
[chuck](VM): spawning incoming shred: 10 (Untitled 2)...
[chuck](VM): removing shred: 10 (Untitled 2)...
[chuck](VM): spawning incoming shred: 11 (Untitled 2)...
[chuck](VM): removing shred: 11 (Untitled 2)...
[chuck](VM): spawning incoming shred: 12 (Untitled 2)...
[chuck](VM): removing shred: 12 (Untitled 2)...
[chuck](VM): spawning incoming shred: 13 (Untitled 2)...
[chuck](VM): removing shred: 13 (Untitled 2)...
[chuck](VM): spawning incoming shred: 14 (Untitled 2)...
[chuck](VM): removing shred: 14 (Untitled 2)...
[Untitled 2]:line(26),char(1): syntax error
[chuck](VM): spawning incoming shred: 15 (Untitled 2)...
[chuck](VM): spawning incoming shred: 16 (Untitled 2)...
[chuck](VM): removing shred: 16 (Untitled 2)...
[chuck](VM): removing shred: 15 (Untitled 2)...
[chuck](VM): spawning incoming shred: 17 (Untitled 2)...
[chuck](VM): spawning incoming shred: 18 (Untitled 2)...
[chuck](VM): removing shred: 18 (Untitled 2)...
[chuck](VM): spawning incoming shred: 19 (Untitled 2)...
[chuck](VM): removing shred: 19 (Untitled 2)...
```

Sunday  
Oct. 23  
7 PM

ENTS Space.#201, 10575 114st, Edmonton. FREE!

more info: <http://dorkbot.org/dorkbotedmonton>