

Three New Bytebeat Tunes

Olivia Lucca Fraser

2019-12-12

Abstract

There's three of them, and they're new.

Getting back into composing bytebeat tunes, lately, and I'm pretty happy with how these two turned out:

Chitauri Teeth

This one's a refinement of drone.c, and I think it's a significant improvement. I let GPT-2 name it (and the next one as well).

```
#include <stdio.h>
```

```
void main() {
    int t = 1;
    for (;;) {
        fprintf(stderr, "t = 0x%x\n", t);
        putchar(
            0xfa
            & ((
                (t
                 & t >> 6
                 & ((t % (1 << 14)) < (1 << 13)?
                  t ^ t >> 8
                  : t >> 8)
                 / (t <= 0? 1 : (1 + t % 32))
                 ^ (t % 30)
                )
            | (((t >> 18) && (t <= (1 << 18) + (1 << 17))) * t << 1)
            + ((t * (t >> 18)) & 0xe0)
            | ((t / 10) & (t >> 14) & (t >> 15) & 0xaa)
            )
        );
    }
}
```

```

    }
}

```

Your browser does not support the audio element.

A Tangerine Arm for Piercing

```

#include <stdio.h>

void main() {
    int t = 1;
    int s1 = 18;
    int s2 = 19;
    for (;;) {
        fprintf(stderr, "0x%x\n", t);
        putchar(
            (
                -t%20
                + (
                    t * 7 & t >> 5
                    | t * (4 - (( t>> s2) & 0xF)) & t >> 9
                    | t * 3 & t >> 8
                    | t * (5 + (( t>> s1) & 0xFF)) & t >> 4
                )
                ^ (t%33) & (t%333)
                | t >> 5
                | t >> 6 & (-t)
            )
        );
    }
}

```

Your browser does not support the audio element.

And Who But

What got me tinkering with this sort of thing, again, was that my friend Andrew Glencross, operating under the name Pale Son, had dug up one of my earlier attempts at bytebeat – a wav file just labelled “marm”, for which I’ve either misplaced or overwritten the code, and produced this really interesting piece, layering his own ethereal electric organ work overtop the bytebeat, and weaving in elements of Greensleeves.

Your browser does not support the audio element.