Simulating

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general

- feeding

general

- feeding
- breading

general

- feeding
- breading
- migrate

general

- feeding
- breading
- migrate
- grow old

general

- feeding
- breading
- migrate
- grow old
- die

general

- feeding
- breading
- migrate
- grow old
- die

general

- feeding
- breading
- migrate
- grow old
- die

This sounds like a song...

general

feeding

Herbivore eat what they can, carnivore eat what's left.

breeding

1. birth if fit

migasion

Mostly random...

general

feeding

Herbivore eat what they can, carnivore eat what's left.

breeding

1. birth if fit
2. have enough fat

migasion

Move if it can.

general

feeding

Herbivore eat what they can, carnivore eat what's left.

breeding

1. birth if fit
2. have enough fat
3. random

migasion

Mostly random...

Theory

1. type-casting to avoid pointer bugs
2. eval() to create general code.

```
[n for n in dir(sys.modules["biosim.animal"])
if not re.match("(__)|(np)|(ran)|(animal)",n)]
```