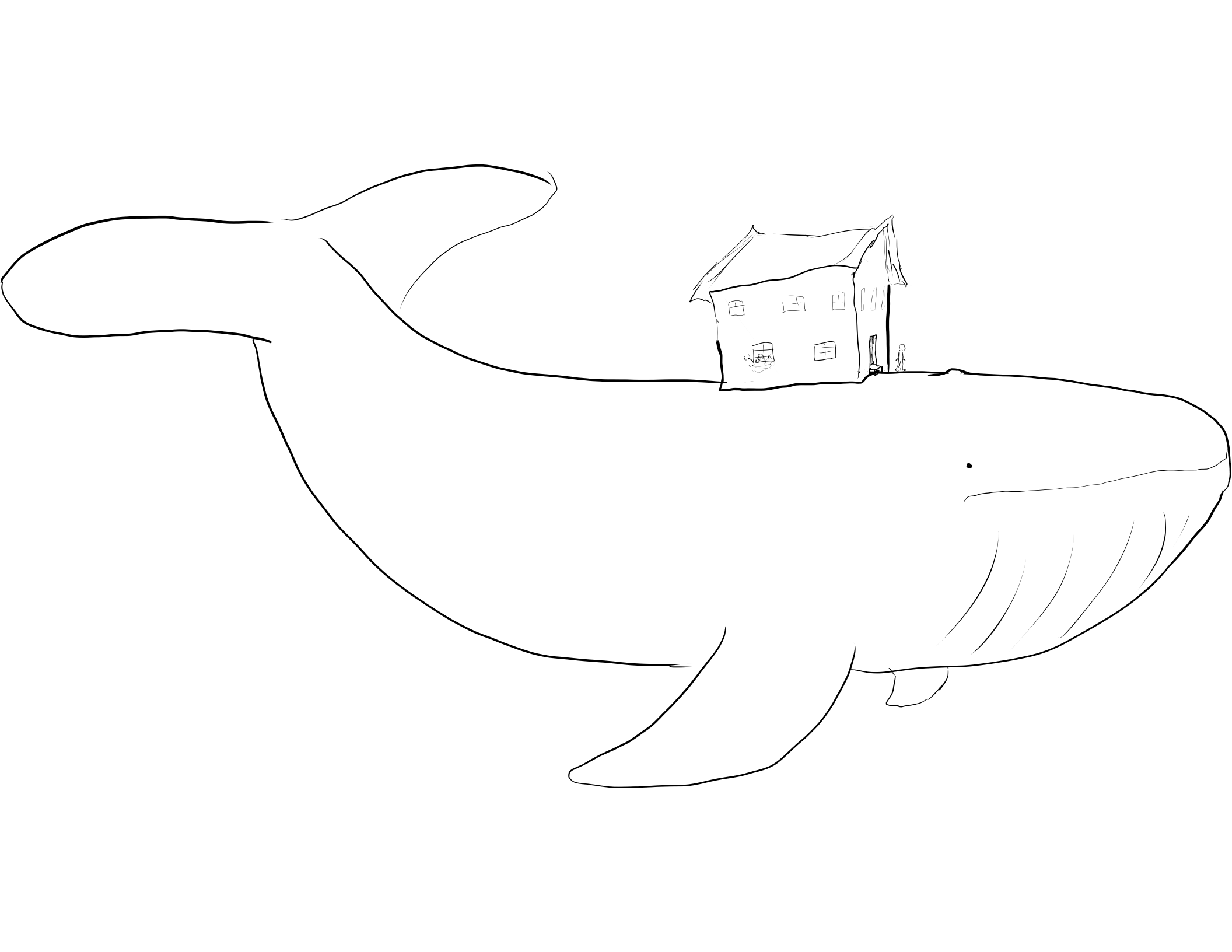


Virtual mem

file permission, users

Chroot

Container

virtual machine

emulator

user group of process

u |= g |= o

user group of file

Container + Virtual machine

Container

chroot and more

OS + files + ...

image

- start state of a fake computer

container

copy

active state

slow to make an image

+ space-heavy

fast + small to copy

also grant permissions

file

net

time

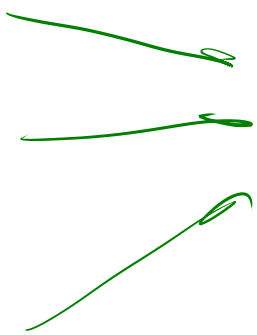
CPUs

RAM

⋮

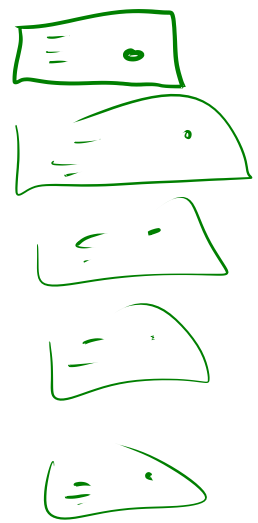
all system calls

Web service in cloud



my.url

image the answer req



Kubernetes

DevOps

CI

Continuous Integration

→ run tests on every code change

CD (deployment)

→ make something to sell/download