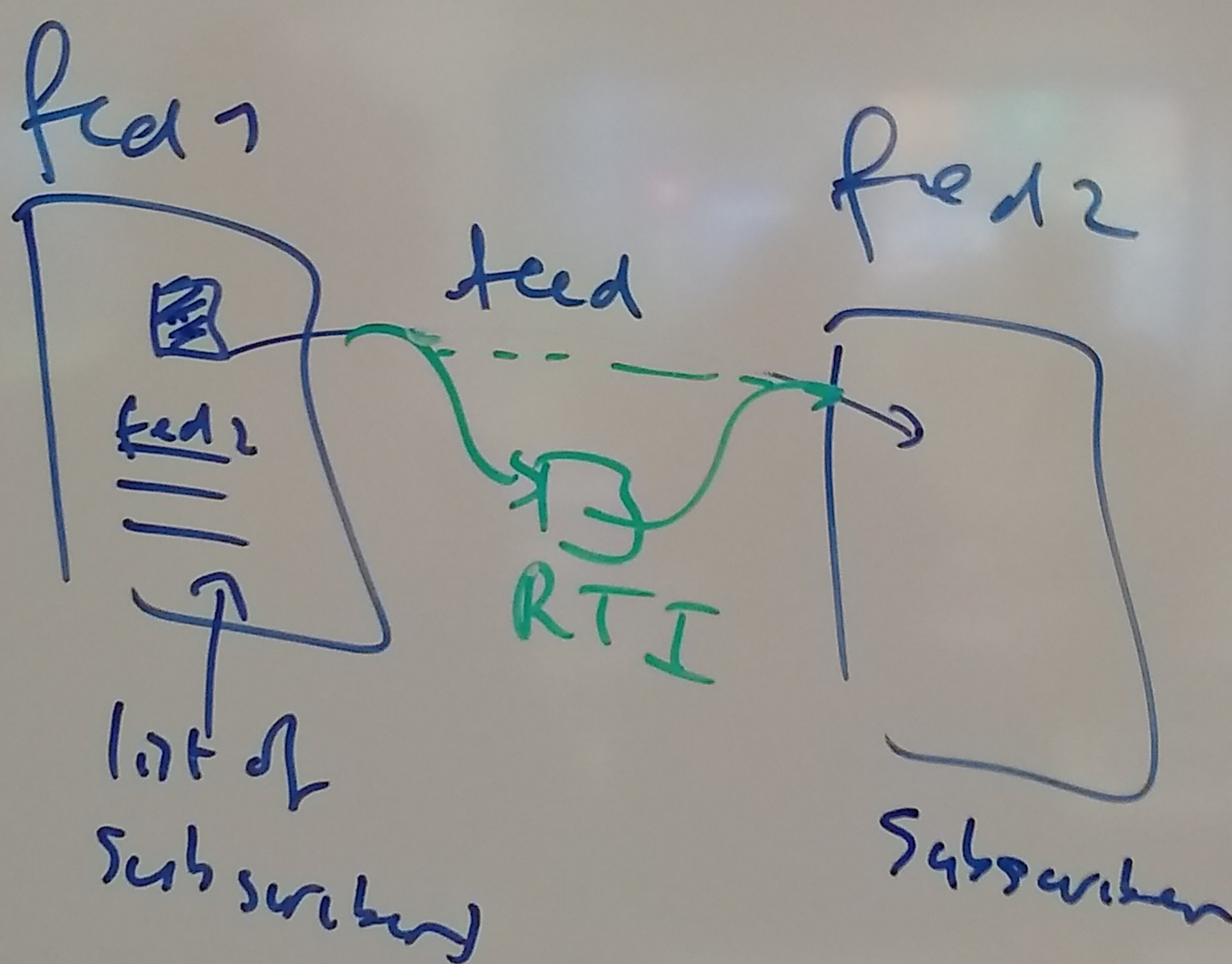
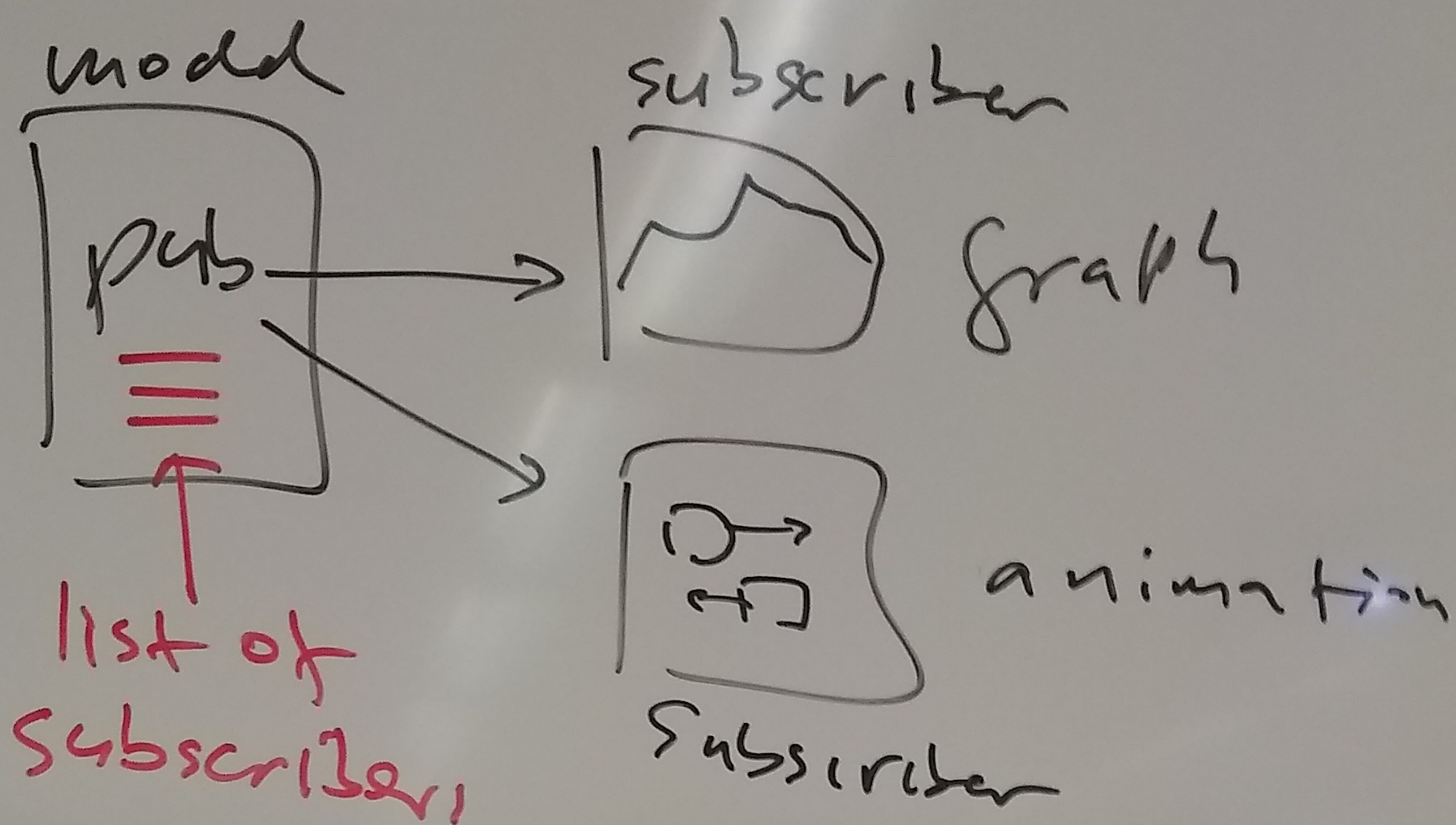


pub/sub



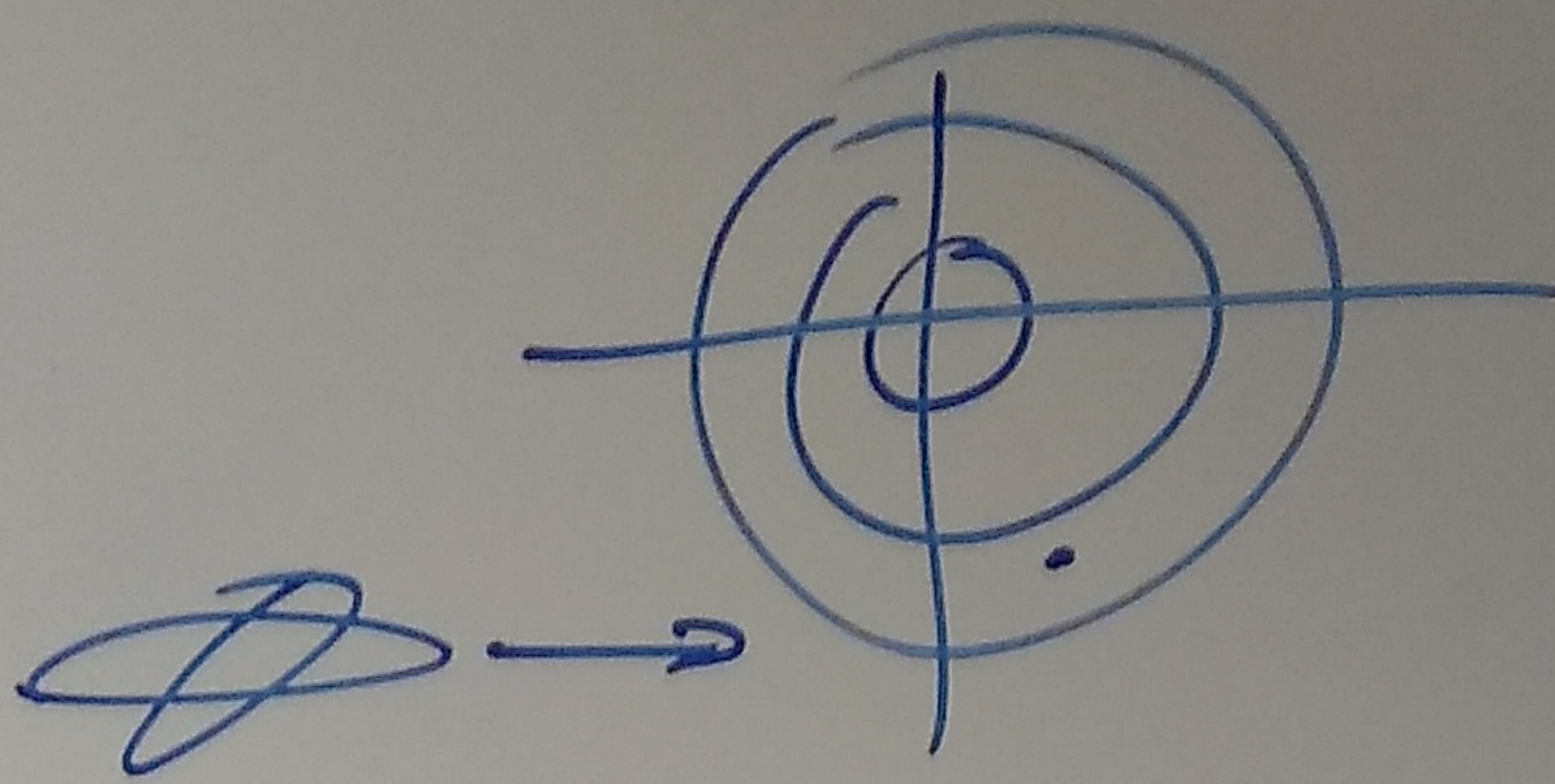
Time Constrained
Time Regulating

speed up/ Reduce data communication

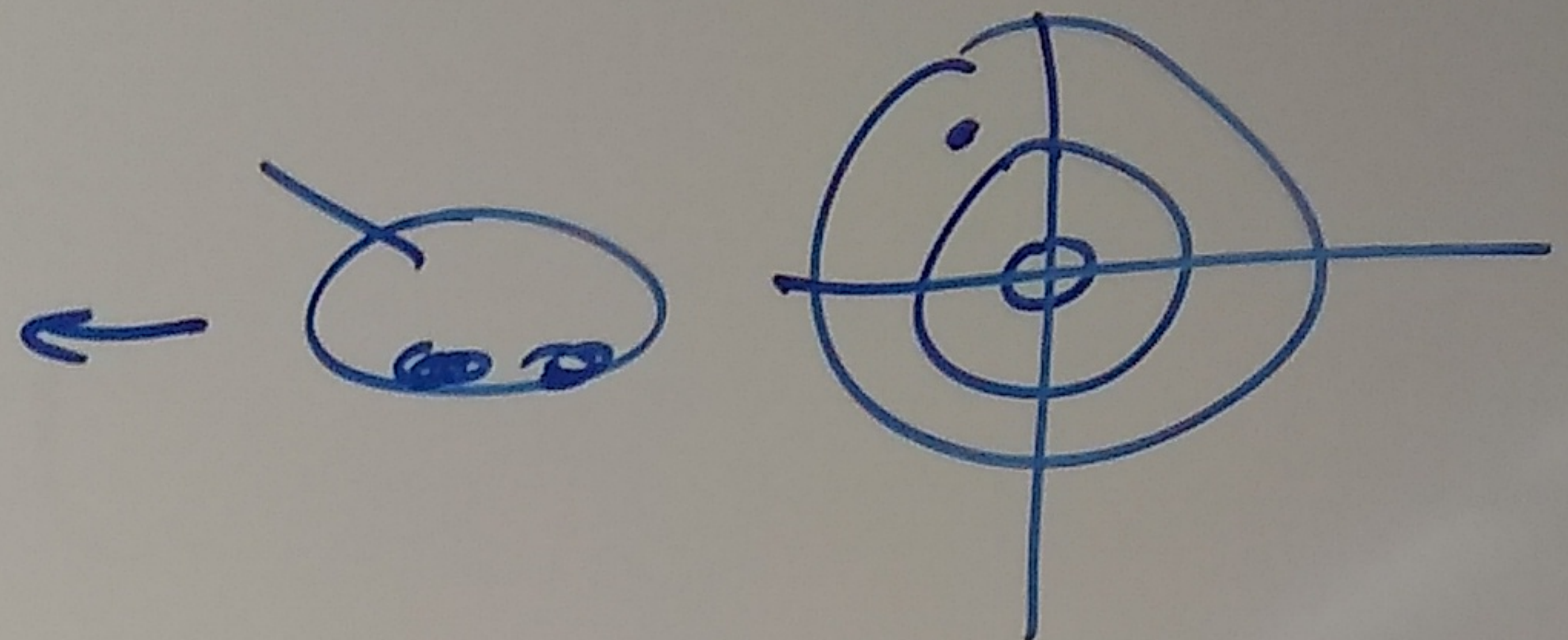
- 1) Pub/Sub
- (2) relaxed time
synchronization)
- 3) hierarchy
- 4) geography
(radar
visibility
...)
- 5) dead-reckoning

could

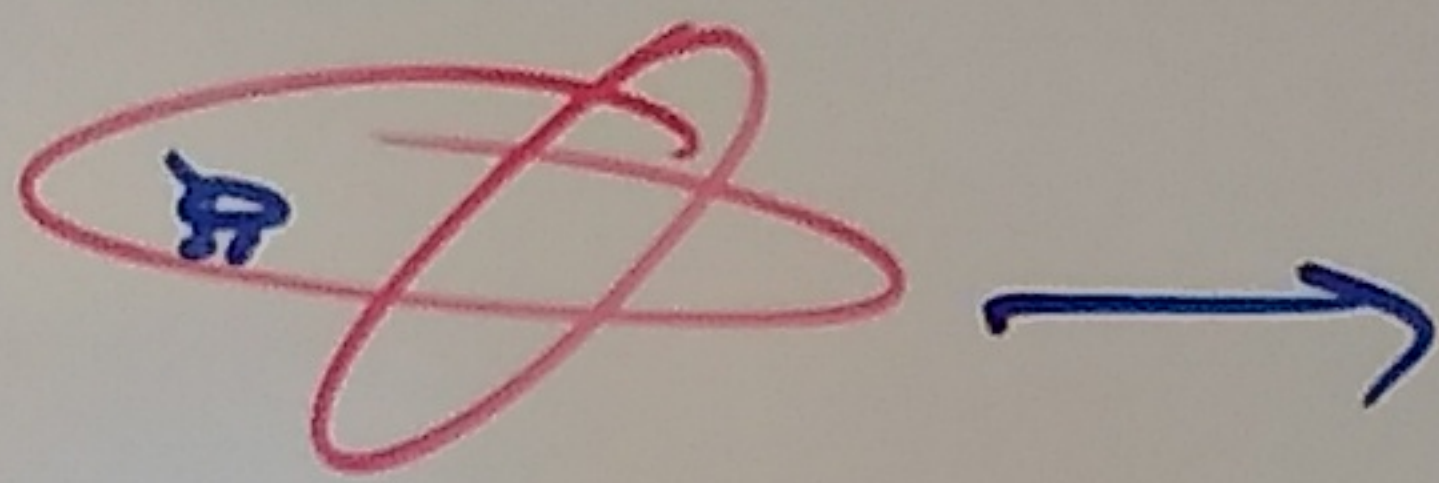
to



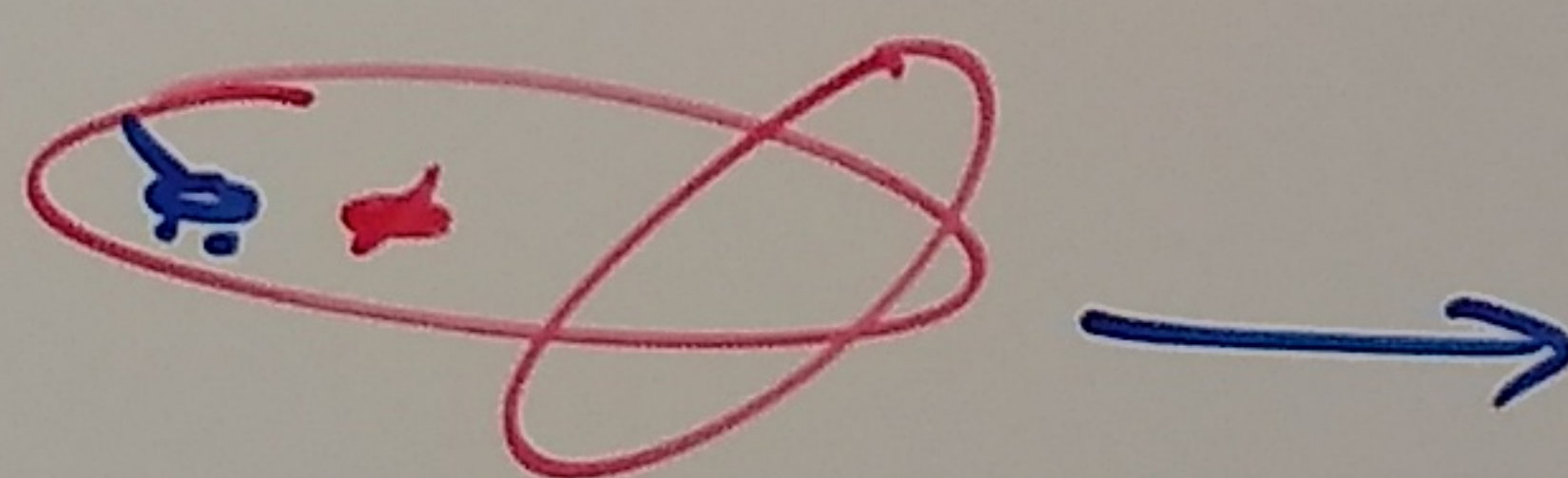
DEAD RECKONING



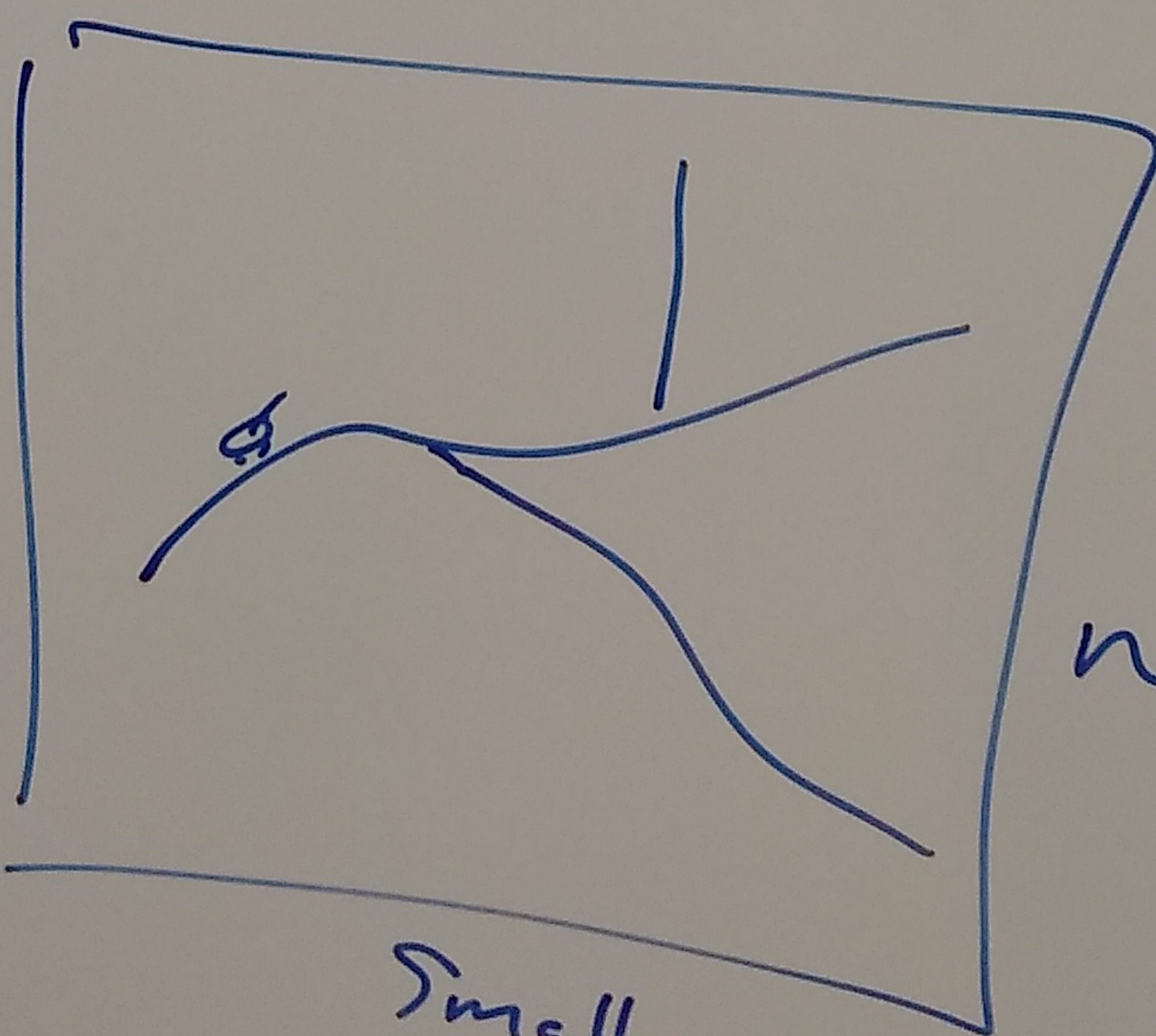
Step 1



Step 2



plane



map

Small note

$\Delta > \text{threshold}$

update

HIL

↳ Human

↳ Hardware

Federative

Non-reproducible

problem
blessing

?

→ replication!

no rollbacks!

wall-clock synchronization

!

Digital twin

