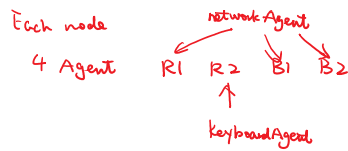


Front End



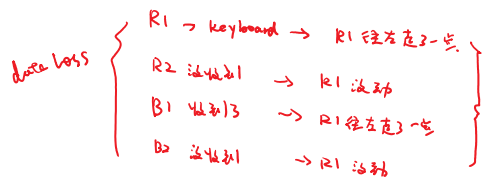
distinguish Agents
 $\langle 1200, \underline{10.96.2.75, 8080}, \text{ACTION. LEFT} \rangle \times \frac{1}{4}$
 区别在 4.3.

$$R_1: \langle 1200, R_1, R_2, R_3, R_4 \rangle$$

next $R_1 < 1196$.

1 step = 0.1s

① data exchange  send what / how \rightarrow lamp1 clk



10) Global state

→ ② sync, global state \rightarrow snapshot Algorithm.

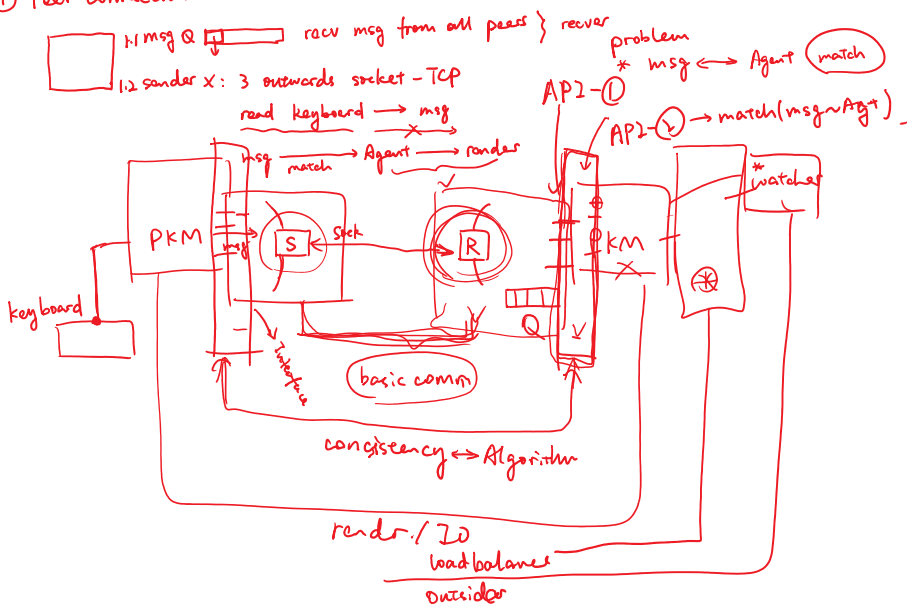
fail detection 四个记录是否都在线 \rightarrow Algorithm



- * 4-server load balance
- * server 故障, 故障 load

Peer Design

① Peer Connection.



consistency layer: global state

- ① \rightarrow comm with lower layer = infrastructure
- ② \rightarrow multi Algorithms
- ③ \rightarrow sync