

Crafting

Raft in

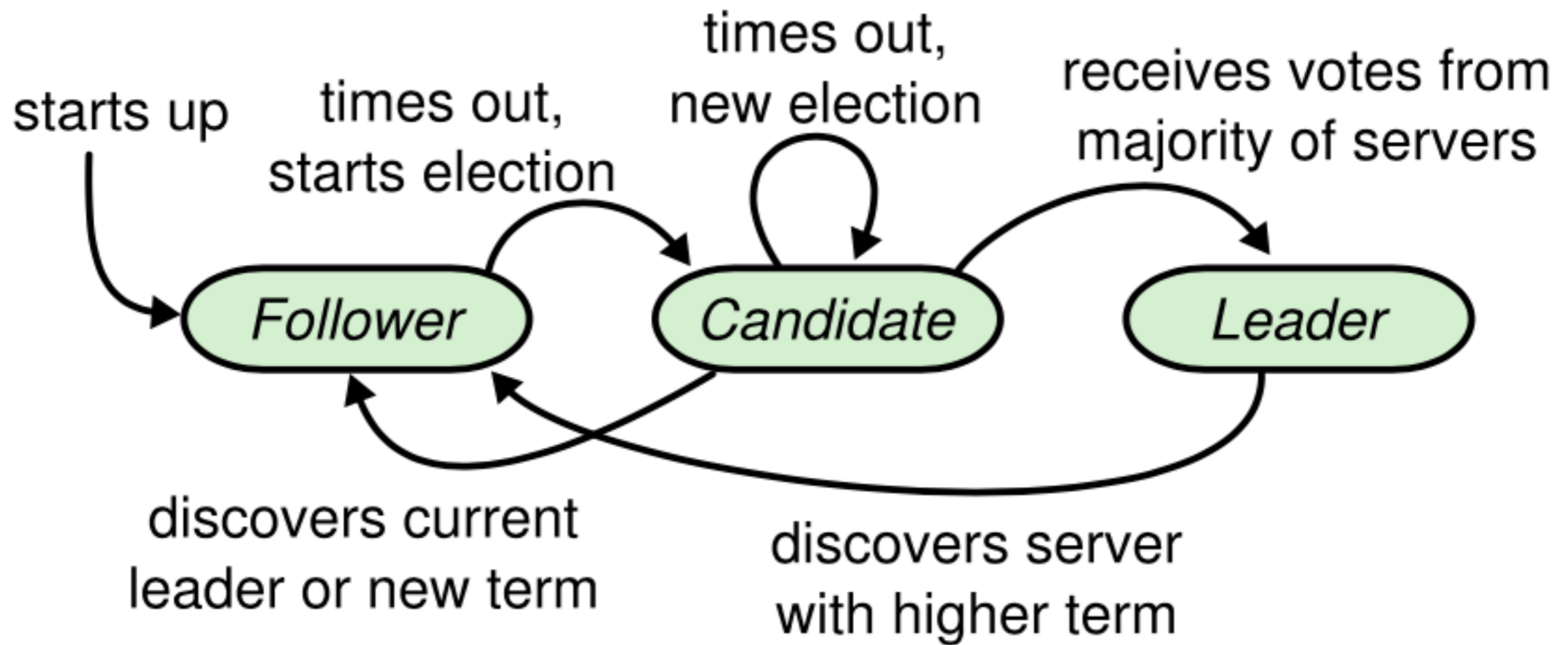
Elixir

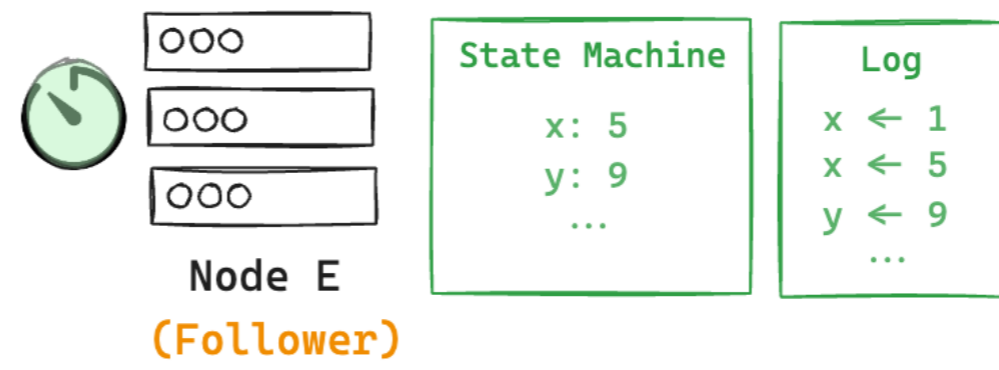
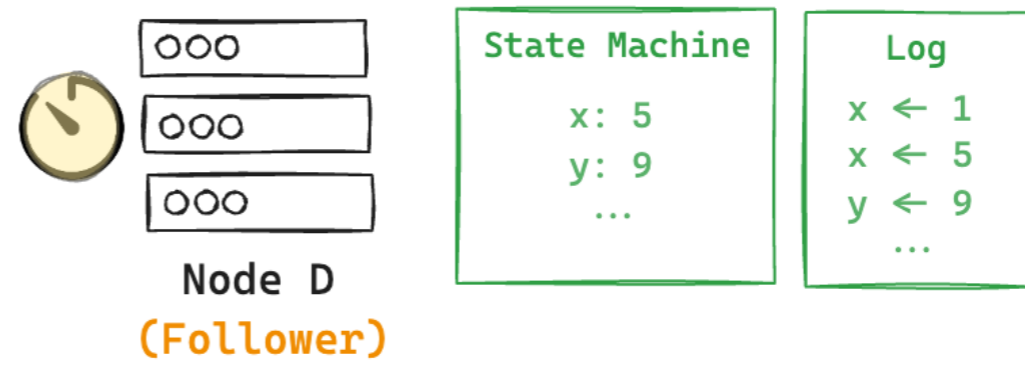
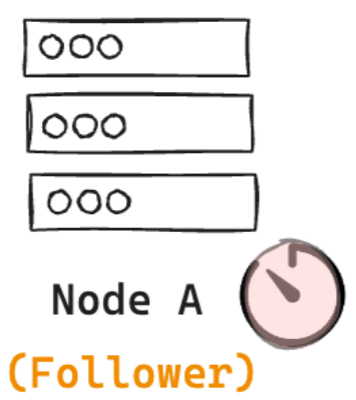
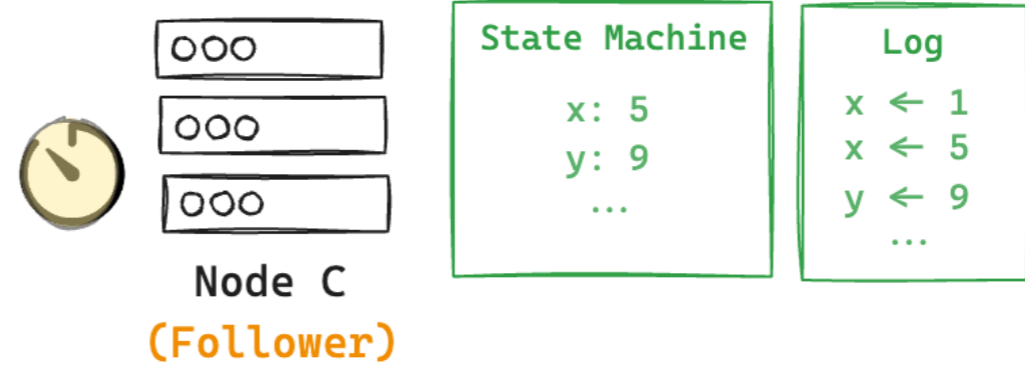
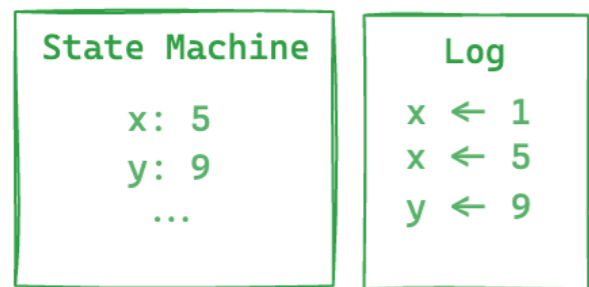
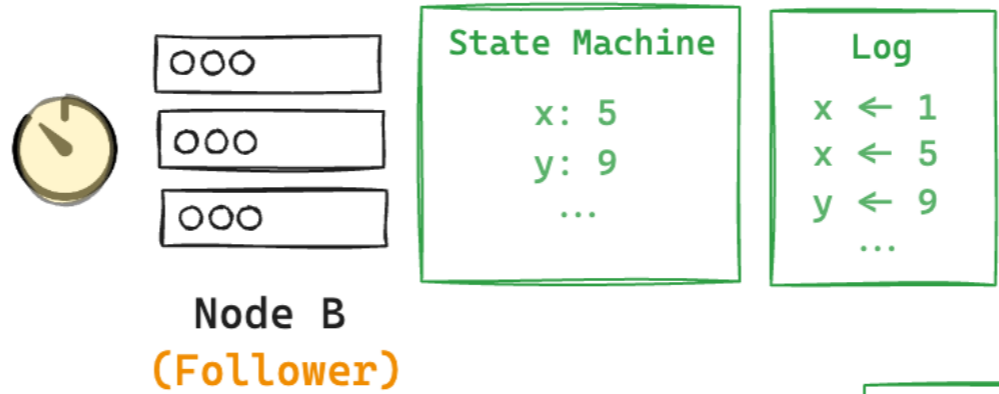


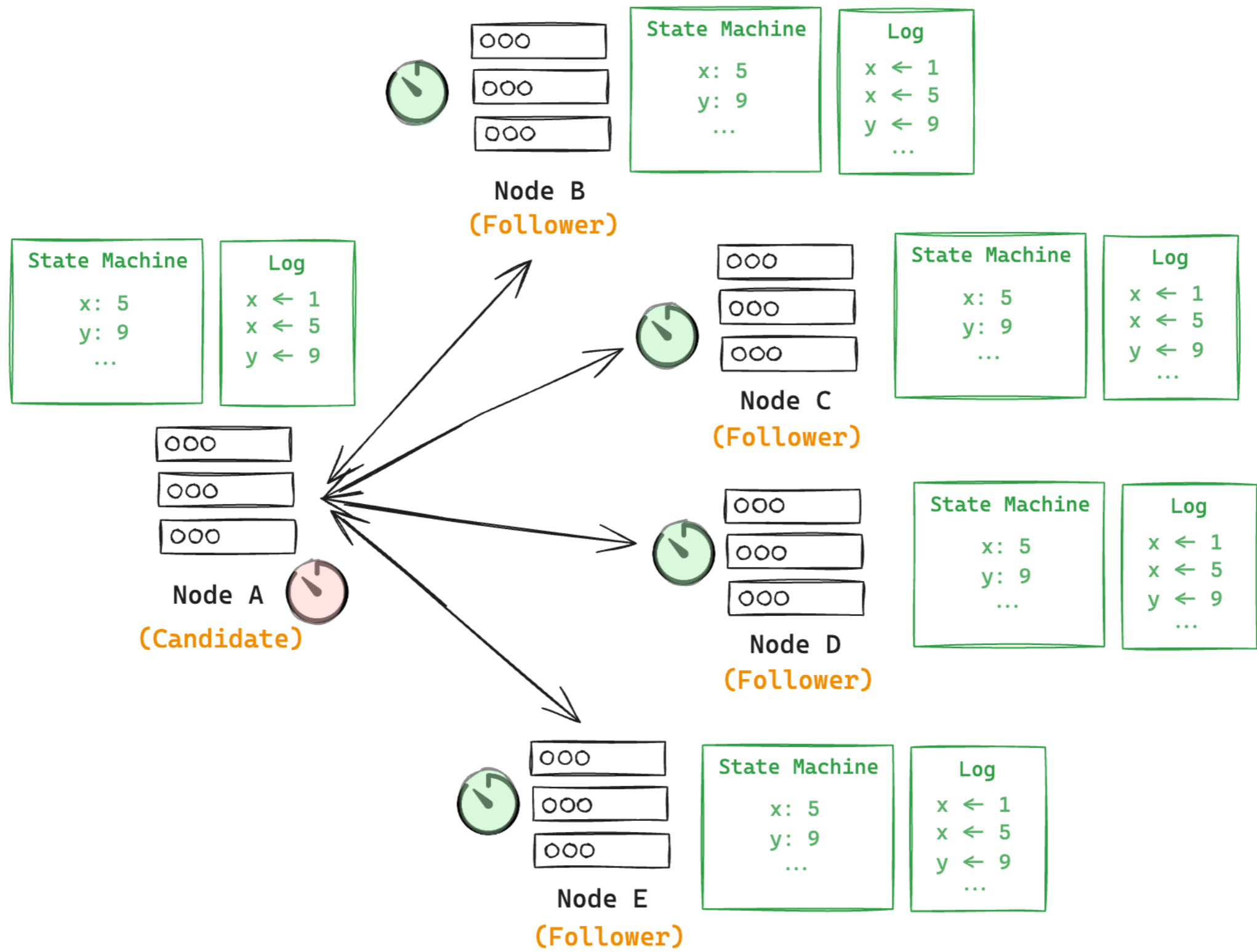
What is consensus?

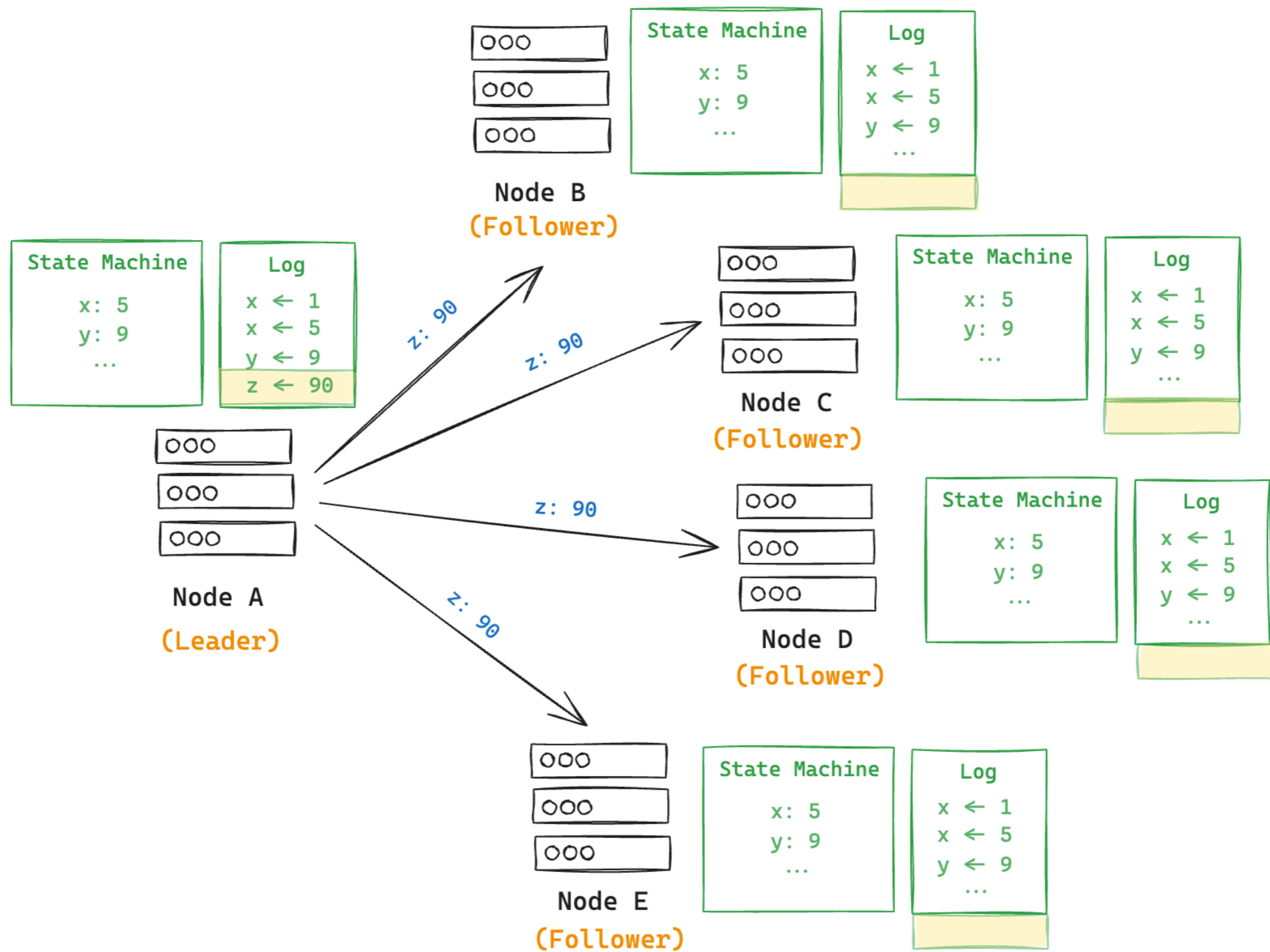
Consensus describes how a distributed group of nodes can interact with one another to reach agreement in the presence of failure.

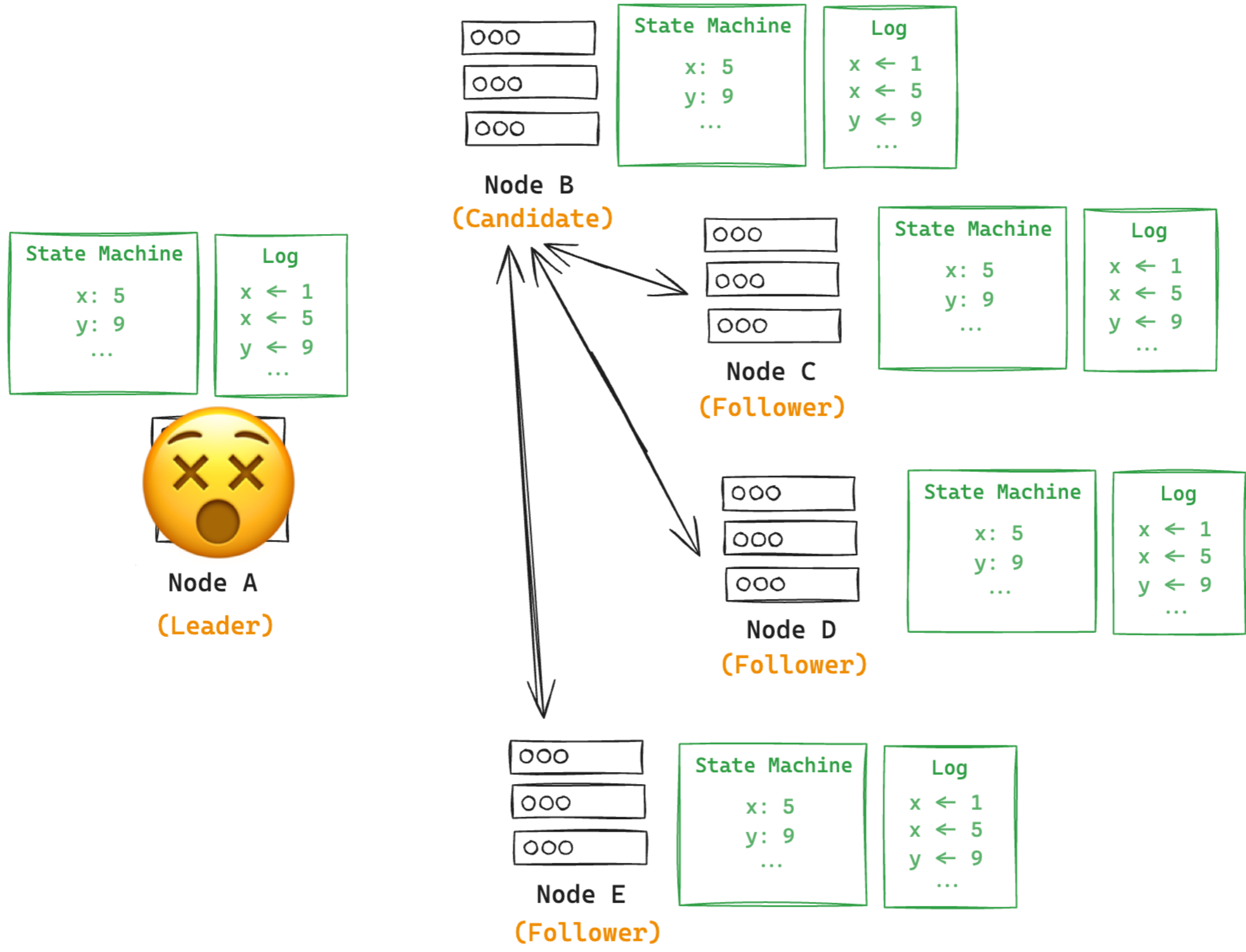
- Leader Election
- Log Replication

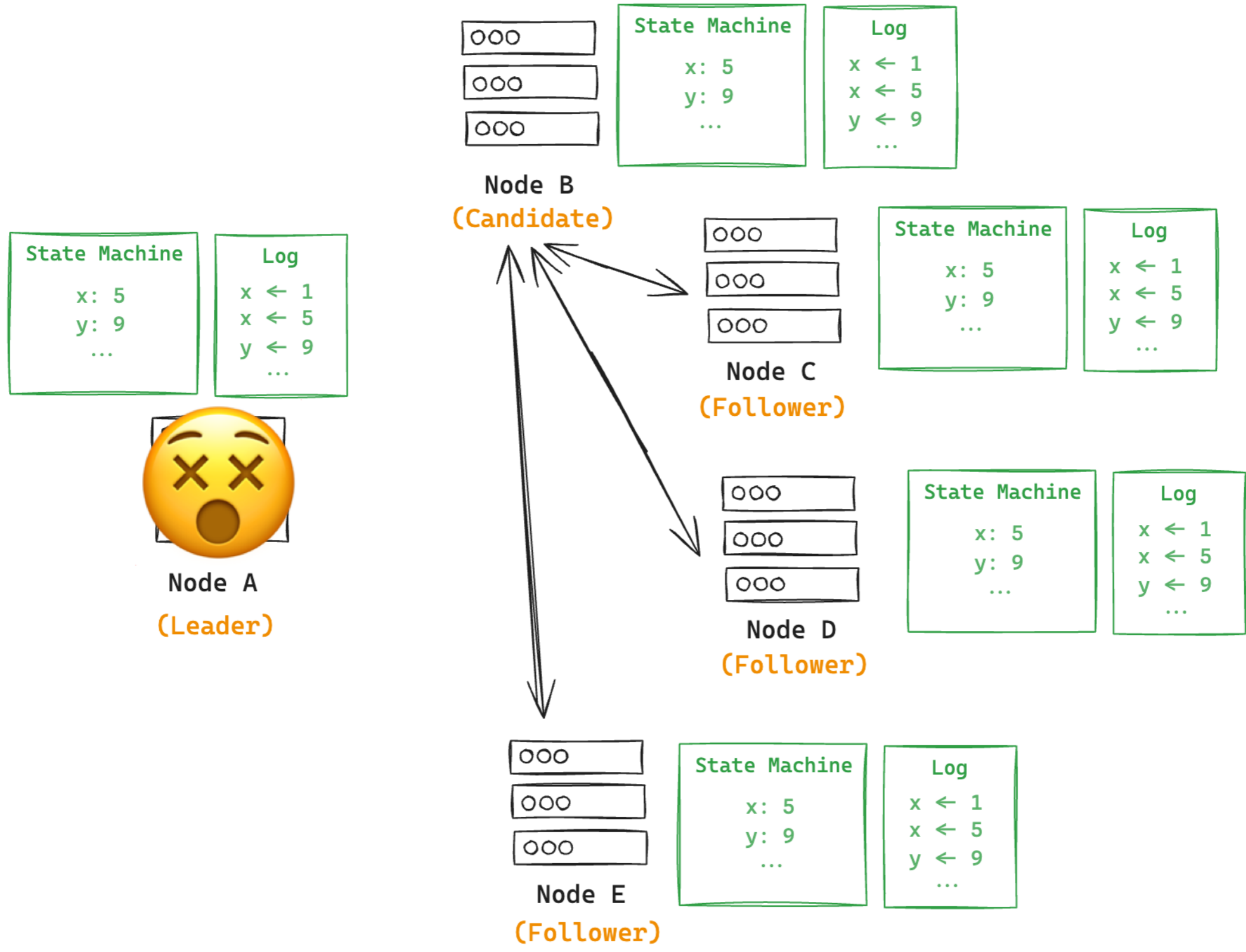


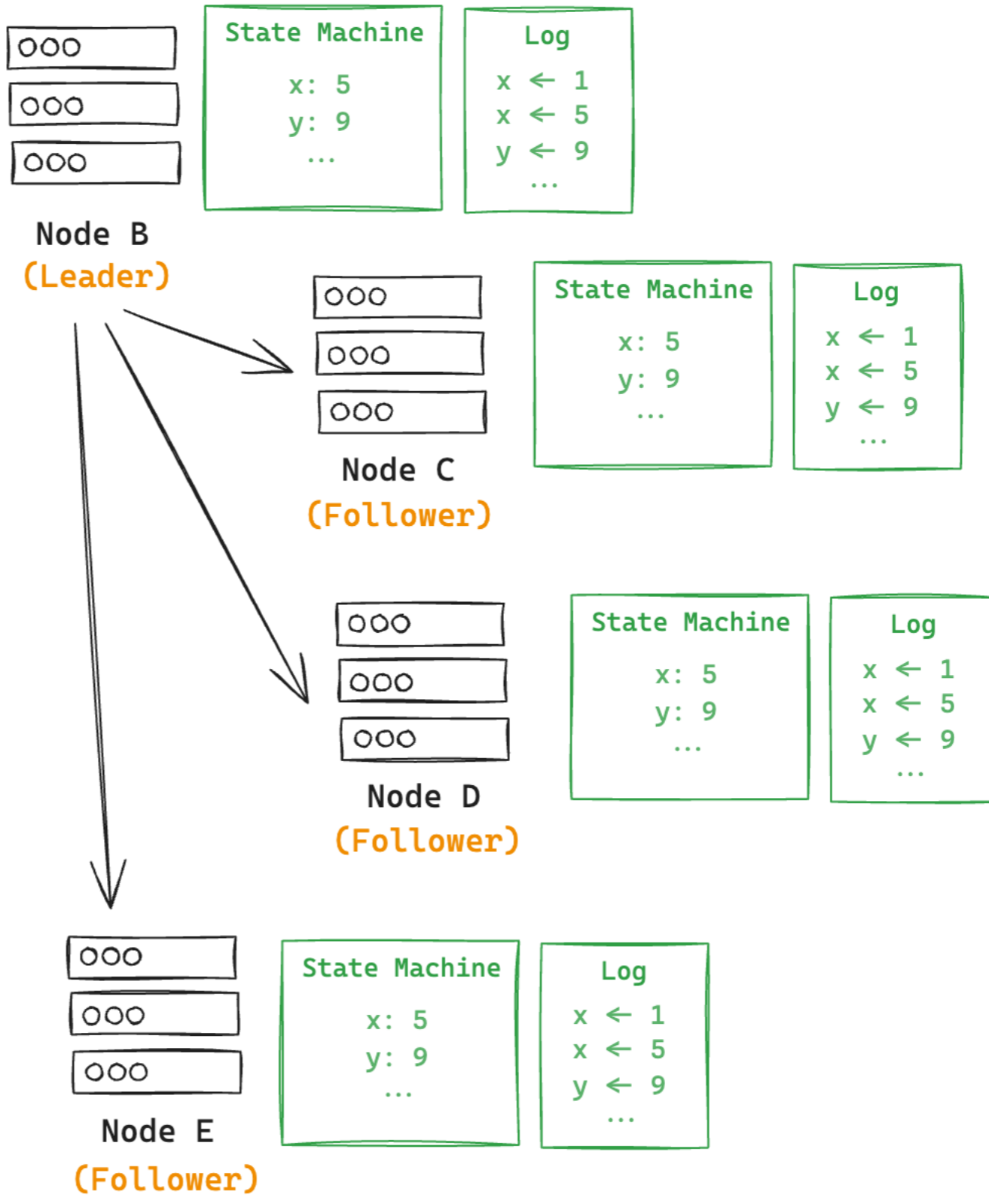


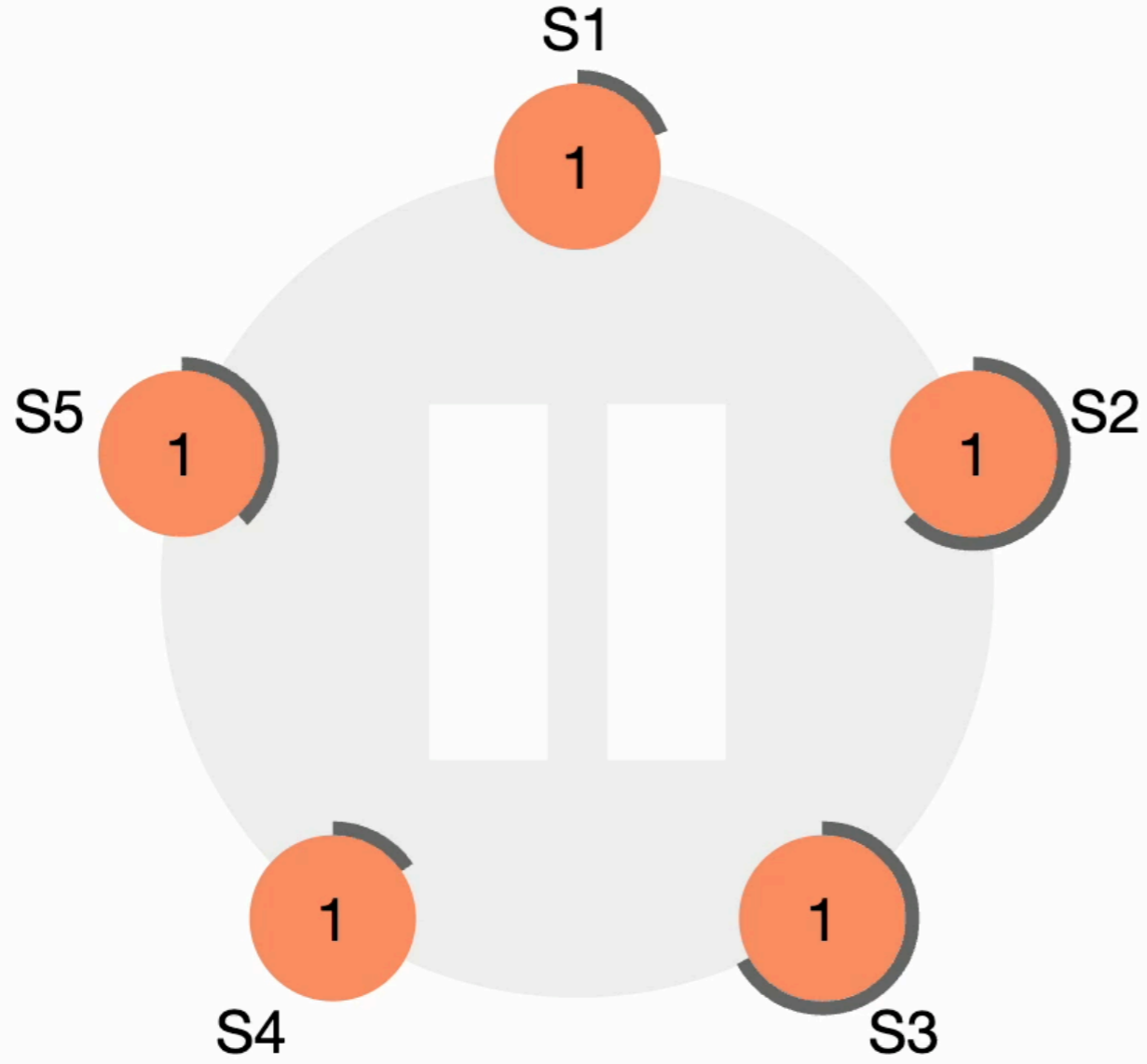












	1	2	3	4	5	6	7	8	9	10
S1										
S2										
S3										
S4										
S5										



0.084s

1/100x

Why Elixir?

- Process isolation
- Actor Model (message passing)
- Supervision Trees
- "Let it crash"



BEAM me up, ~~Bogdan~~
Björn?

Show me the code!