

Execute the writes 1 by 1 in a dedicated process

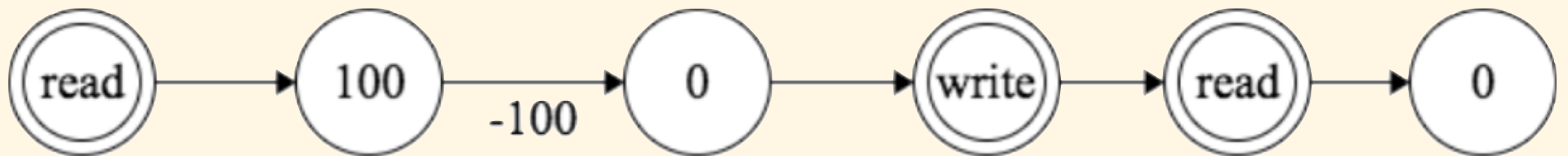
(using a Redis Queue, or Dramatiq, Celery, etc.)

```
while True:
    ts, condition, action = transaction_queue.pop()

    if eval(condition):
        eval(action)
```

Don't let any other processes touch the same tables.

All checks & writes are now *linearized*.



Eliminate concurrency at all costs.

If you value your sanity,
linearize critical transactions into a single queue
whenever possible.

Don't even watch the rest of the talk,
just stop now, really, you probably don't need concurrency...