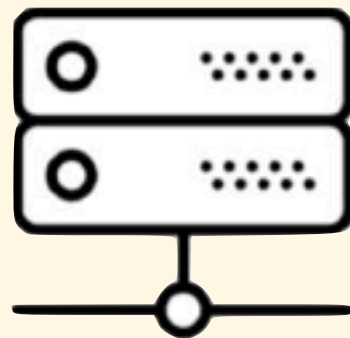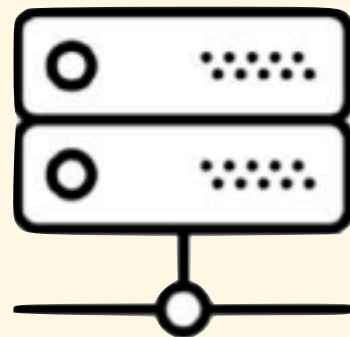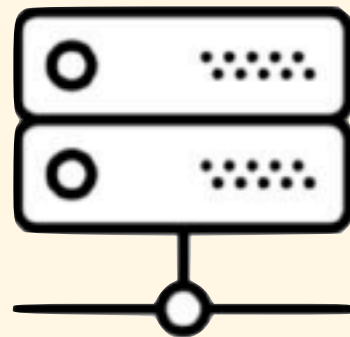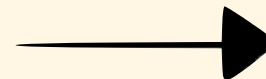# A solution: remove the concurrency

Django Workers
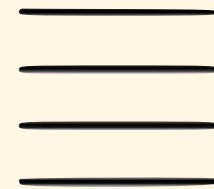
Strictly order all state

mutations by timestamp

Database

Queue

Linearize all the writes into a single queue

```
transactions = [
    # timestamp      condition              action

    (1523518620, "can_deposit(241)"    , "deposit_usd(241, 50)"),
    (1523518634, "balance_gt(241, 50)", "buy_chips(241, 50)"),
]
```

If **only one** change happens at a time,

no conflicting writes can occur.