

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.

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*.

