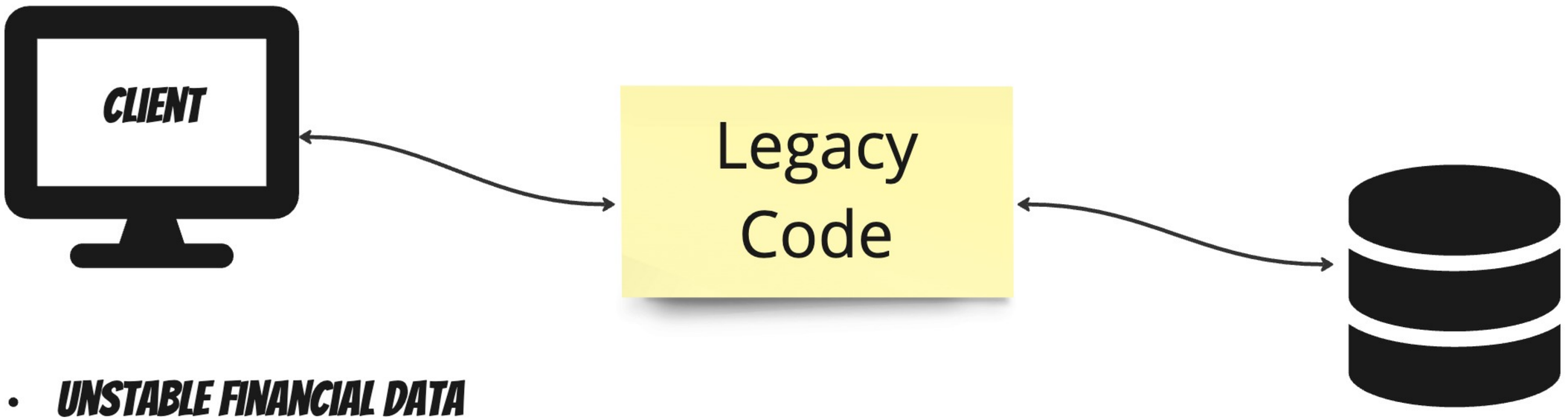
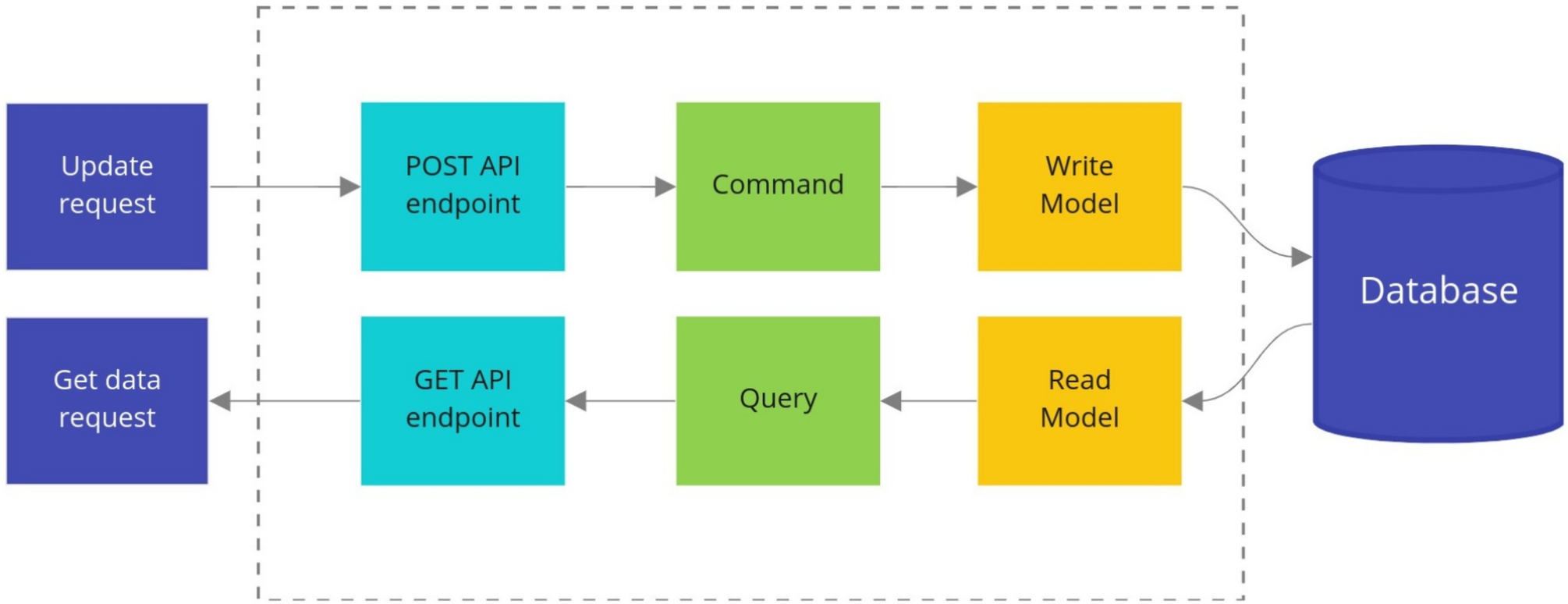
OUR NEEDS WAS TO REFACTOR



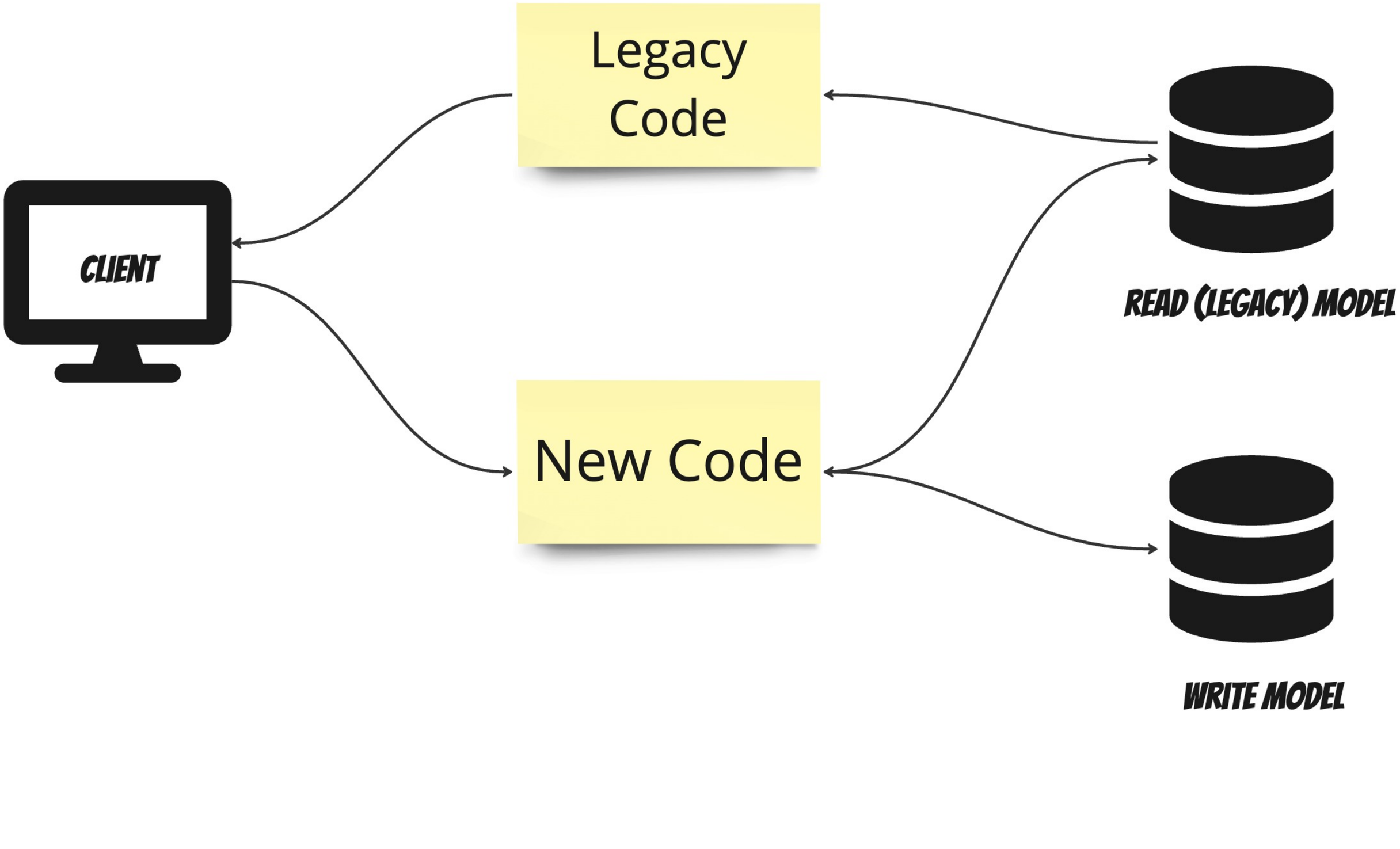
- UNSTABLE FINANCIAL DATA
- NOT SCALING COMPUTATIONS
- MODELED ON DATA NOT BEHAVIOR
- DATA CLUTTER
- NO TESTS
- ACCIDENTAL COMPLEXITY
- ASYNC COMMAND/QUERY BUS

CQRS

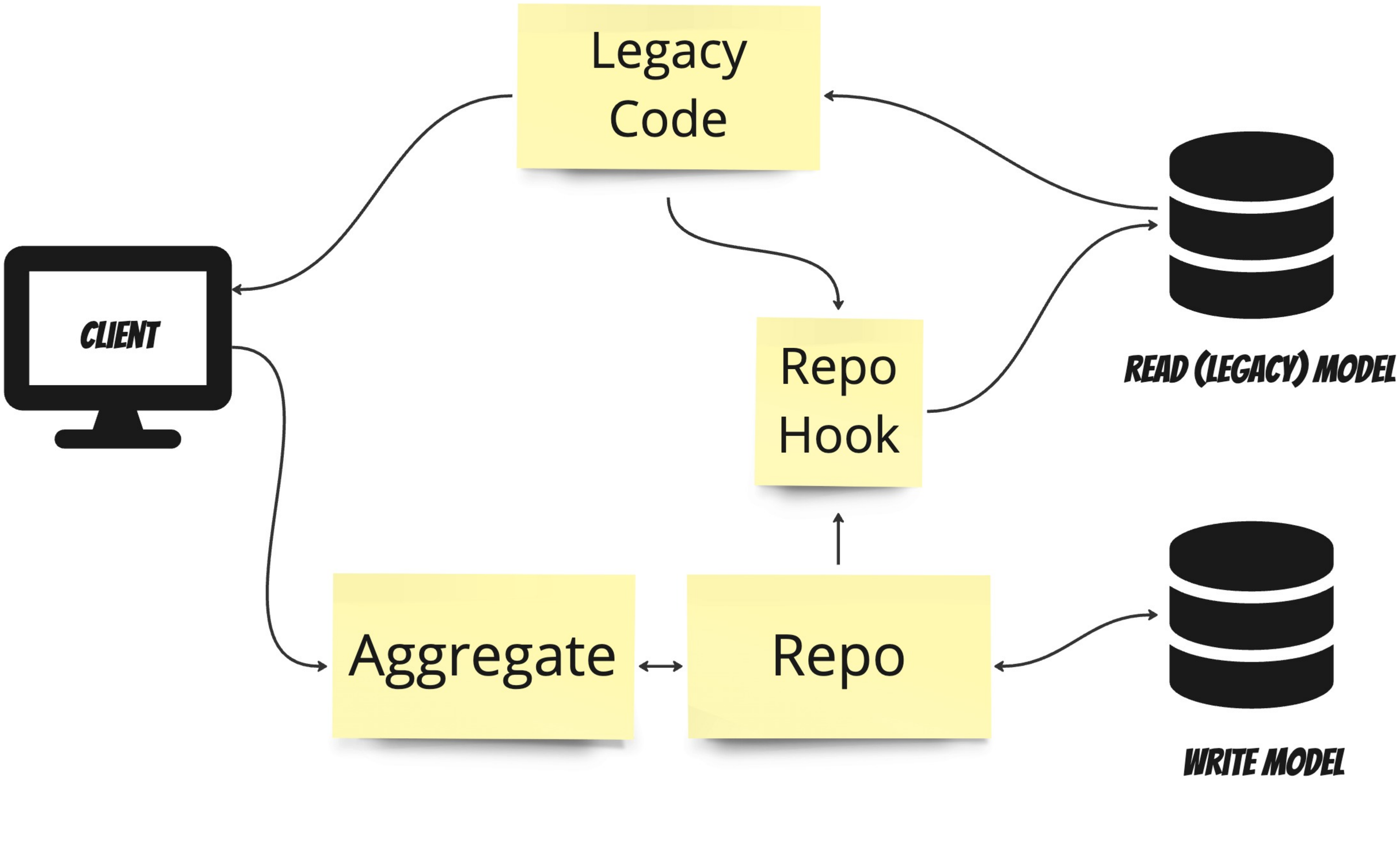
COMMAND QUERY RESPONSIBILITY SEGREGATION



IDEA!



AGGREGATE PATTERN



FINANCIAL DOMAIN

MEMBERSHIP FEES BOUNDED CONTEXT

Add Fee

Pay Fee

Member Fees

Fee Added

Fee Paid

Credit Amount Changed

MEMBER FEES AGGREGATE

Member

Fees Collection

Credit Amount

Root Entity

Entity

Value Object

What about read models that mix data from two different bounded context?

Members Fees List

Members Credits List

PEOPLE DOMAIN

MEMBER REGISTRATION BOUNDED CONTEXT

Register a member

Member Registration

Member Registered