

Quelea Replicated Store

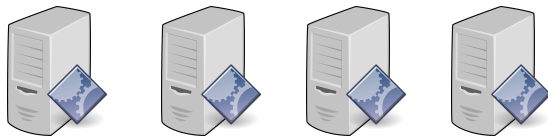
Eventually Consistent Distributed Store



- Off-the-shelf store
- Failure handling
- Persistence (on-disk)
- Eventual consistency

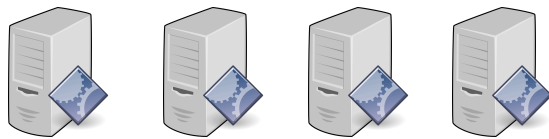
select ↓
insert ↑
update ↑

Shim Layer (RDTs)



- Soft-state (in-memory)
- Datatype operations
- Summarization
- Stronger consistency

Business Logic (incl. Transactions)



res →

← obj.oper(args)

REST
API



Clients