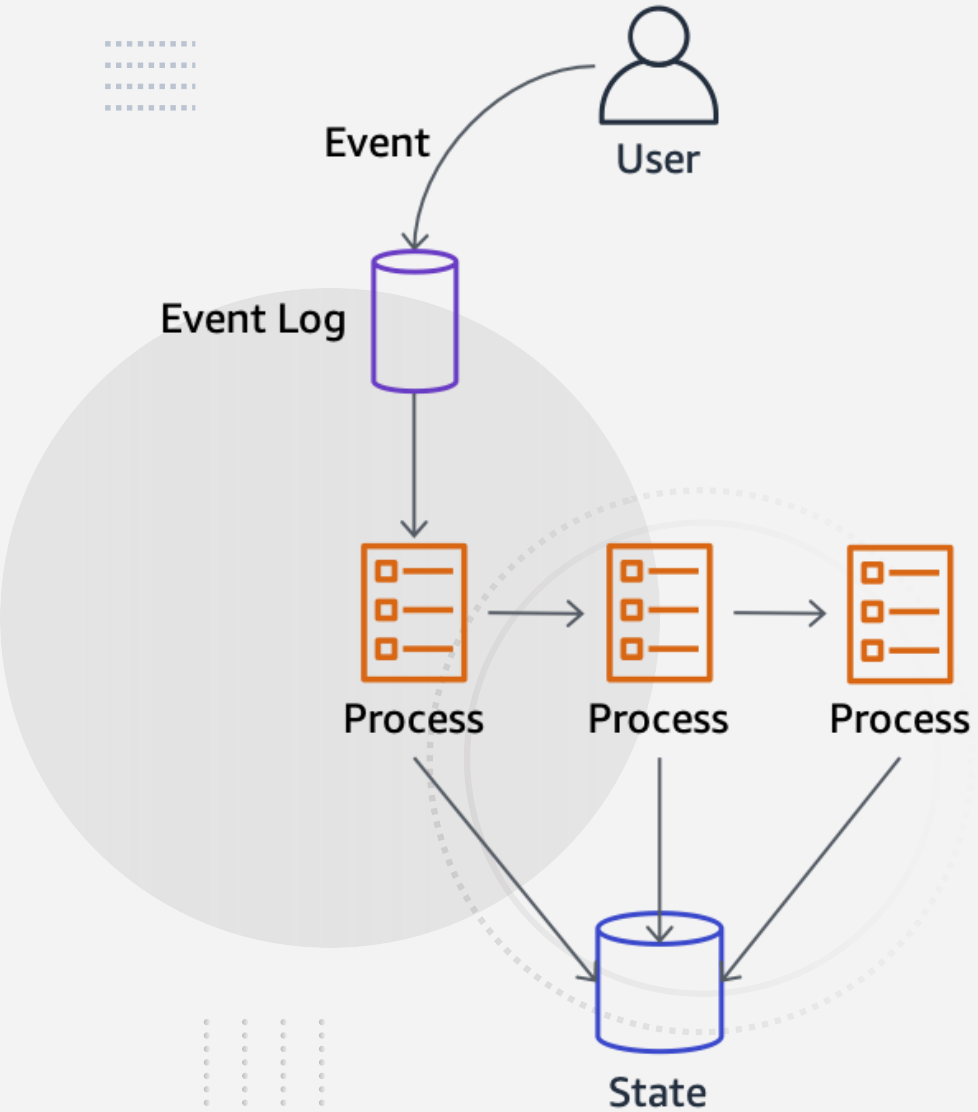


Event Sourcing

By Group 06:

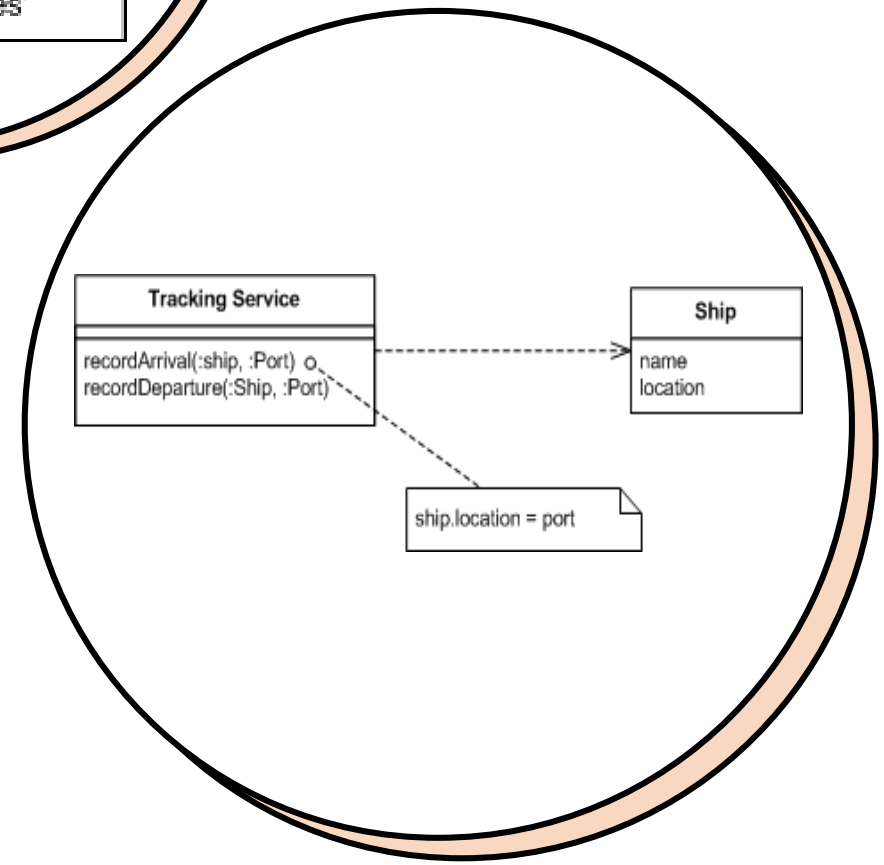
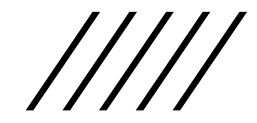
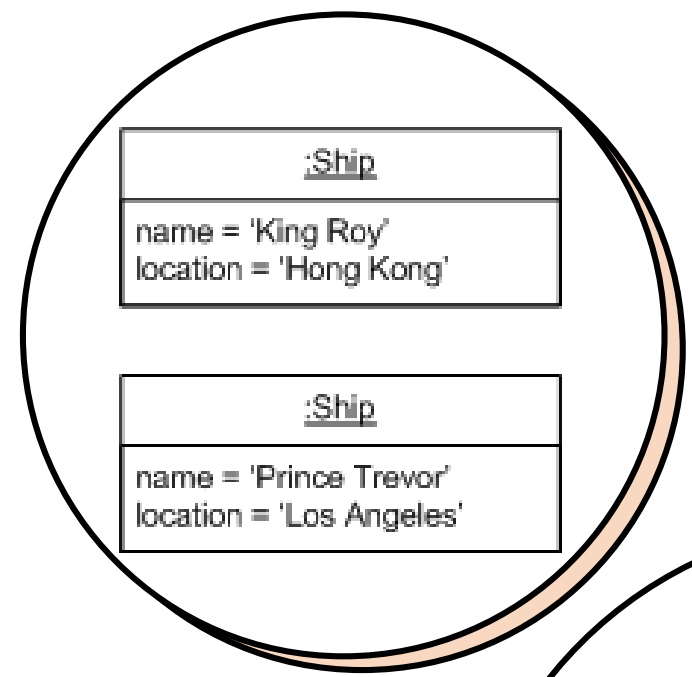
- Alexander López Méndez
- Francisco Manuel Fernández Suárez
- Marcos Fernández González

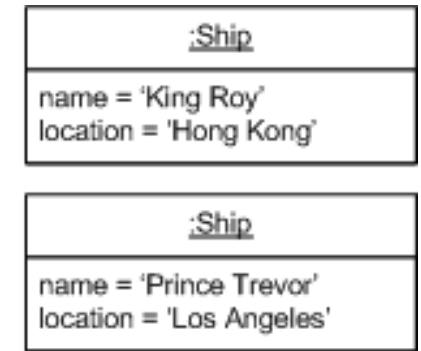
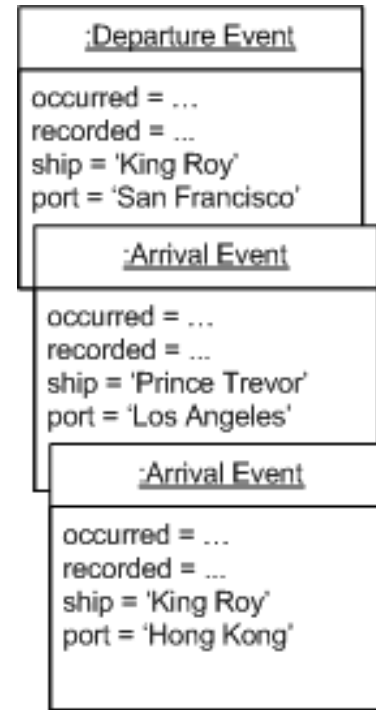
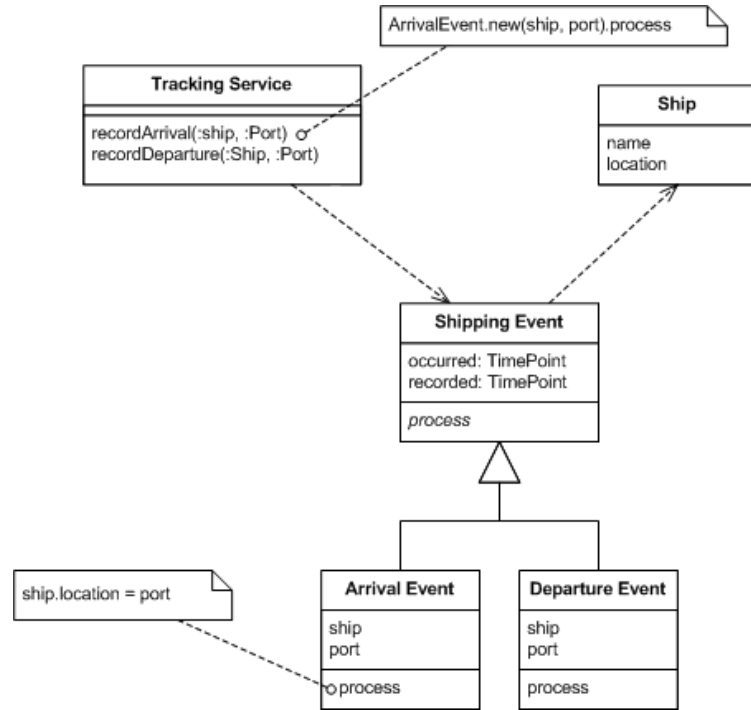


What is event sourcing?



No event sourcing





With event sourcing

Facilities obtained



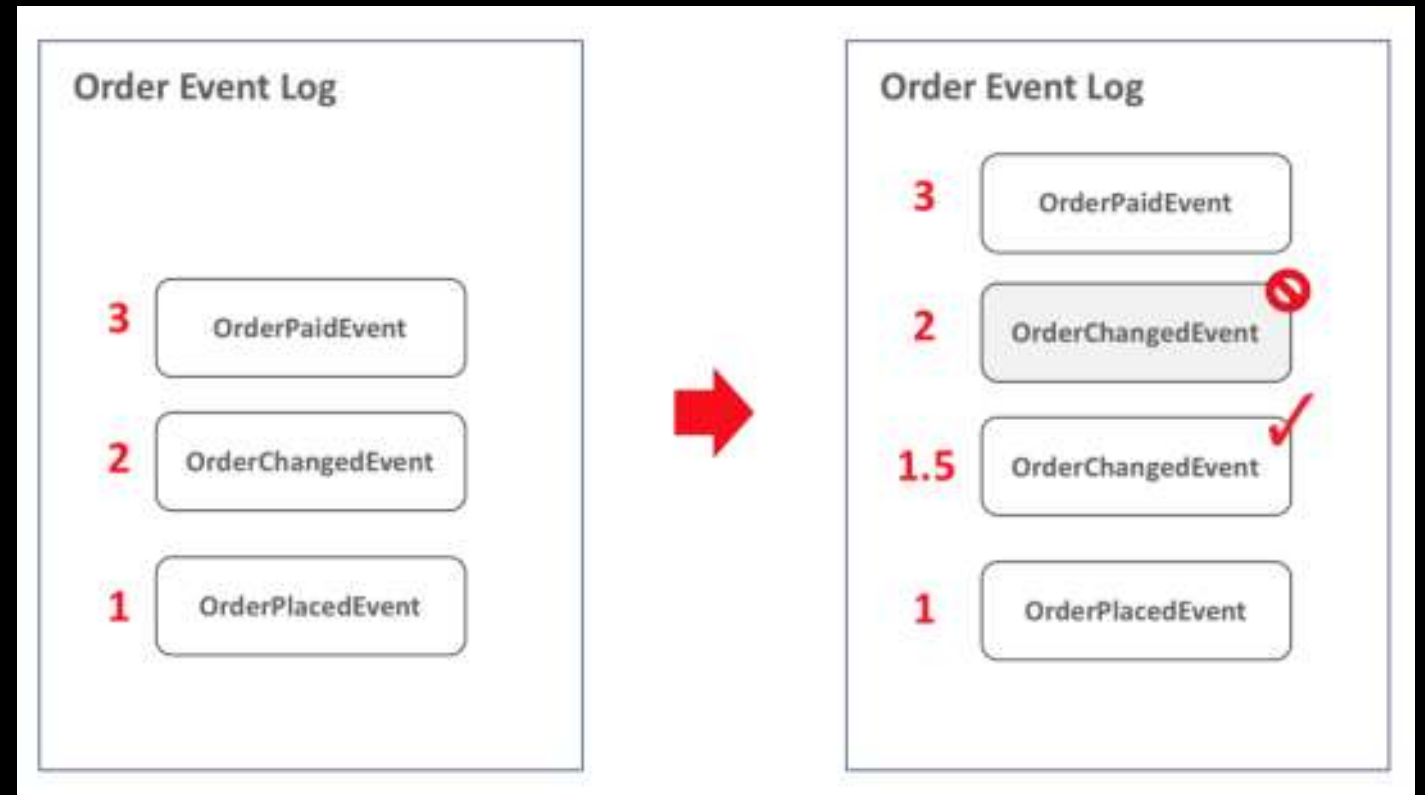
Complete
rebuild



Temporal query



Event Replay





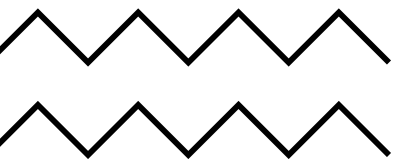
Some benefits of using Event Sourcing

- Increased data quality
- Relatable architecture
- Quick reaction
- Scalability
- Service provisioning
- Historical record





Event Sourcing IRL

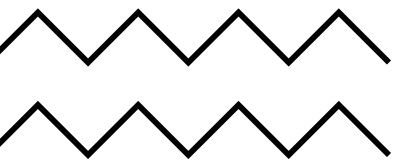


A game of chess



- Every move is recorded to a log/ledger with the information necessary.
- As they are recorded in such a way, you could easily go backwards to movement 2 or forward to the last move.

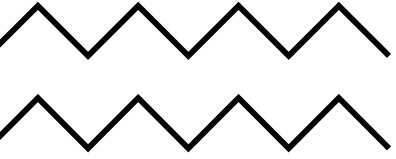




A Shop

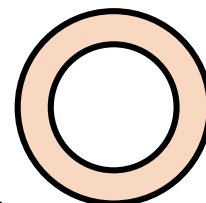


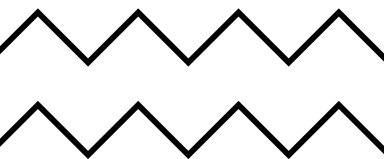
- Every item sold, exchanged, received or sent back is recorded in the log/ledger as follows:
- Shirt – Exchanged – \$35
- Belt – Sold – \$45 – Customer 55
- Jeans – Sent back – Quantity 10





Expert
experiencies





Event Sourcing,
key or
nightmare?

- You need knowledge
- Very coupled
- Opaque
- Slow building process
- TeamWork
- Heterogeneous



