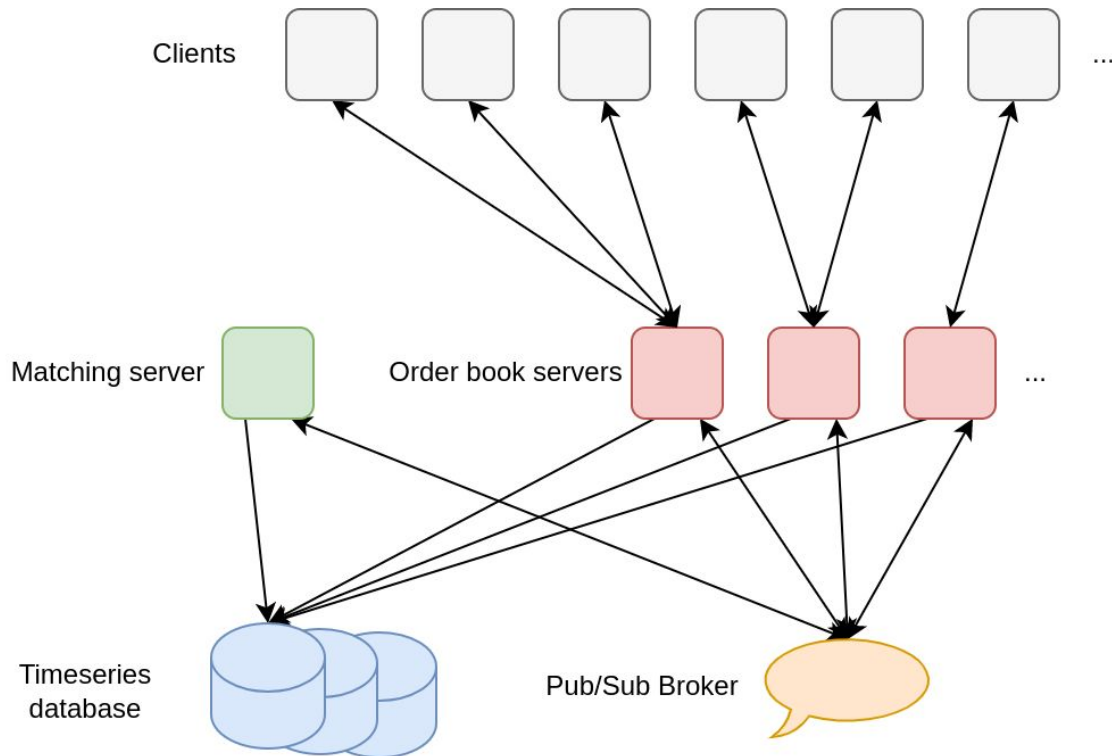# Bloomberg Exchange

HackaTUM 2022

Architecture

Message Broadcasting

- Orders Channel

- Trade Channel

- Order Book Server
  - Subscribes to both channels to forward trades and update the aggregated order book

- Matching Server
  - Subscribes to orders channel only to trigger match checking

Web Client

Server Implementation

- Written in Rust

- Async handling of requests

- Lock free

- WebSockets

Thank you!

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Theofilos Augoustis

Tom Böttger