

Asynchronous Reactive Programming



Hello!

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Keywords :

Asynchronous :

Executes tasks concurrently

Reactive :

Reacts based-on incoming events/messages.

Observer-Observable pattern

Project :

Simple stock exchanges microservices

Tech Stack :

- Python3.7
- MongoDB 4.2
- PostgreSQL 12

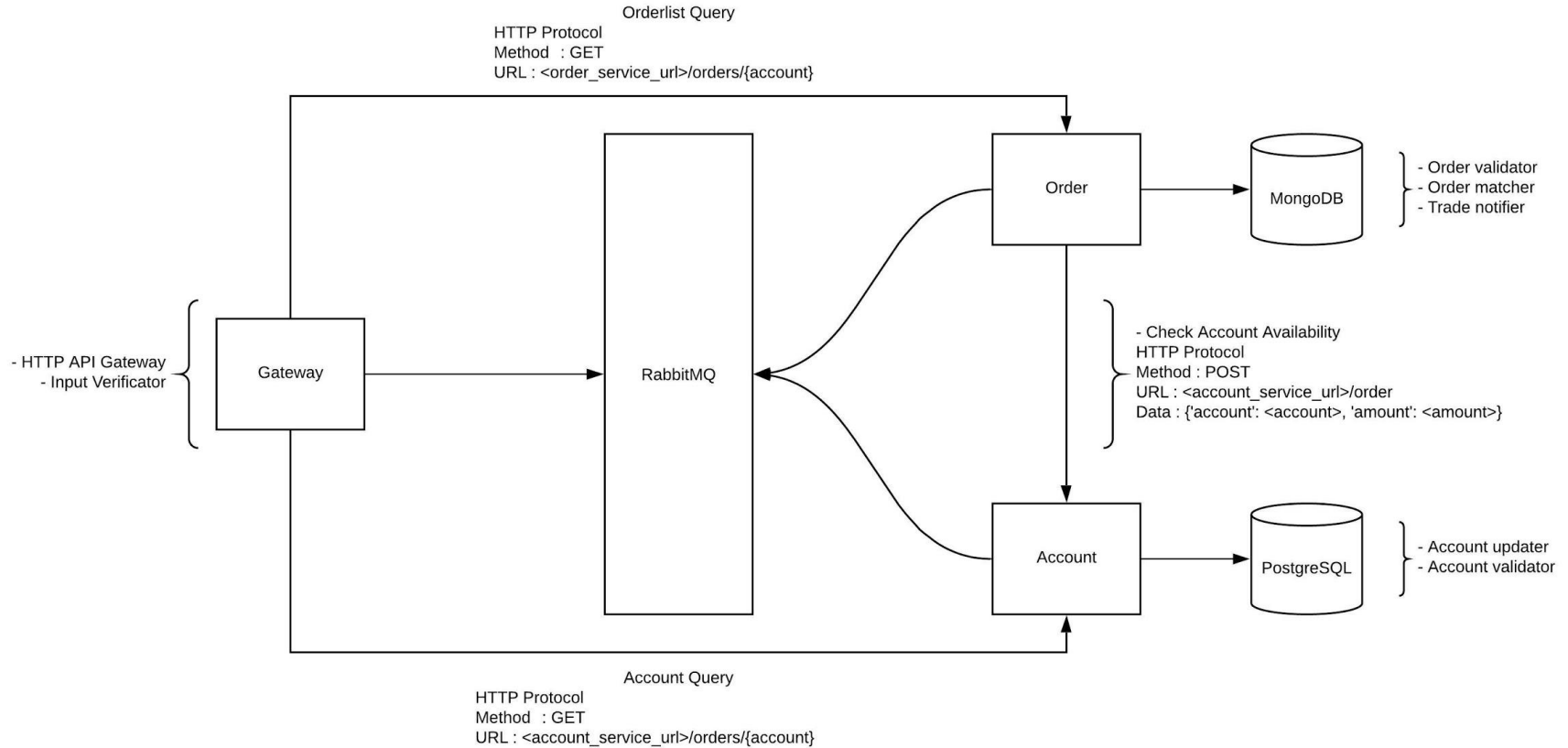
Requirements :

- aiohttp
- aiopg
- aiopika
- sqlalchemy
- motor
- rxpy



Architecture

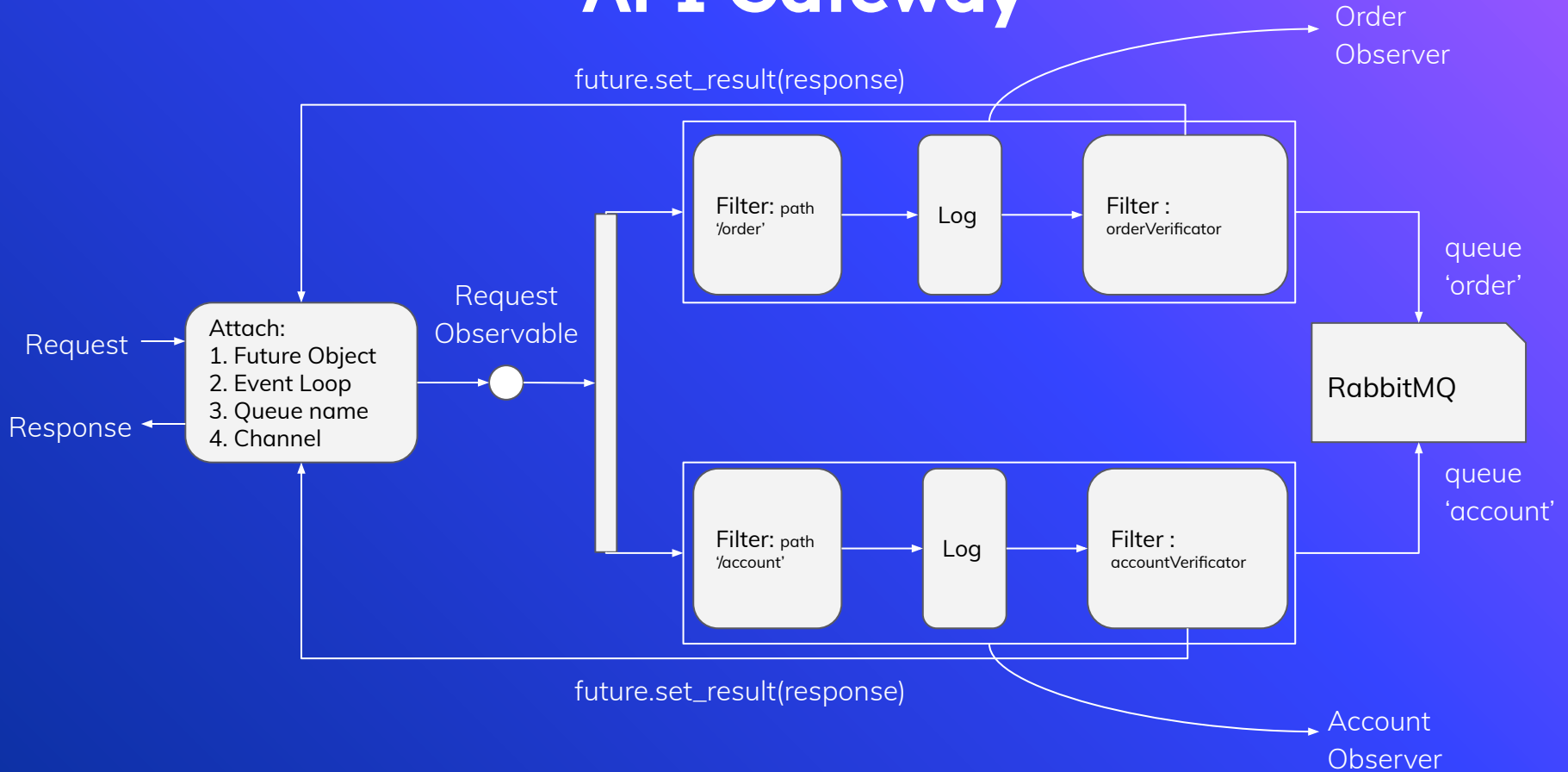




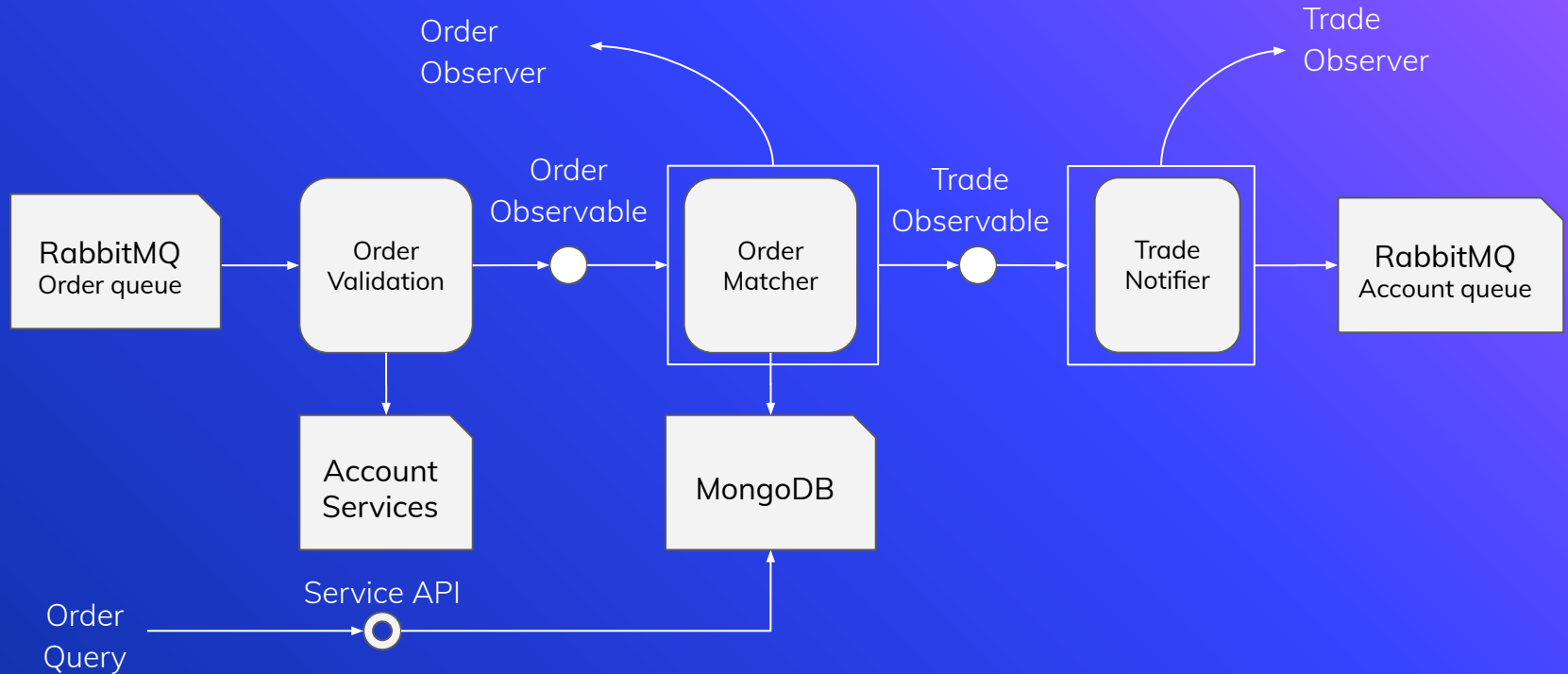
Services Process



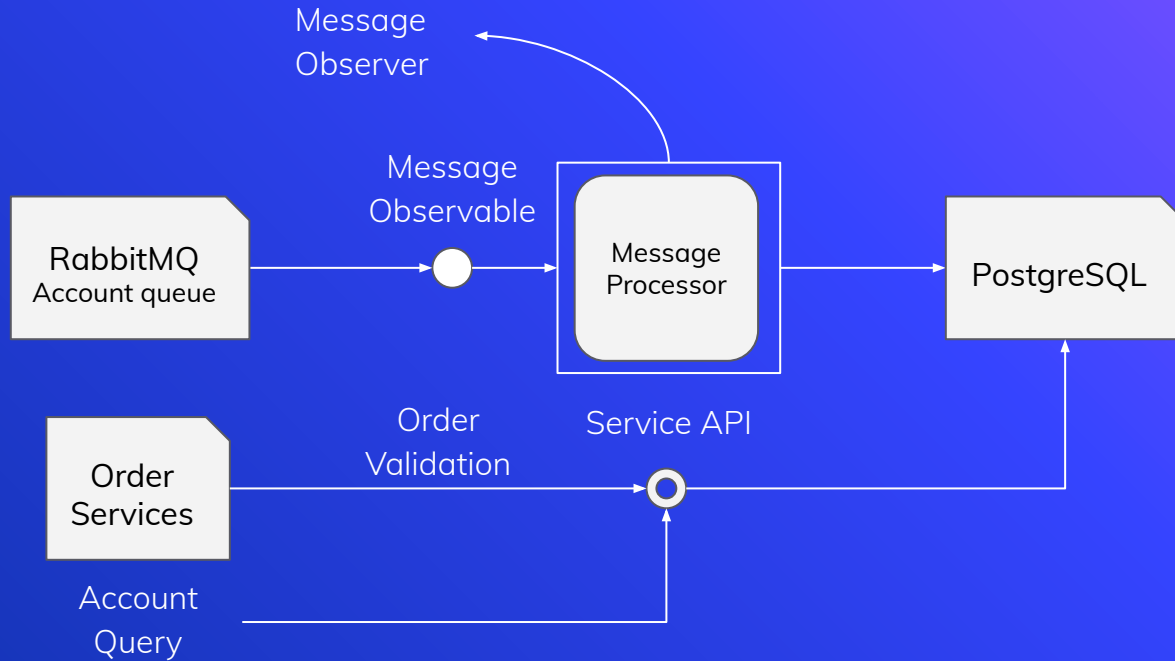
API Gateway



Order Services



Account Services



Thanks!

Any questions?

