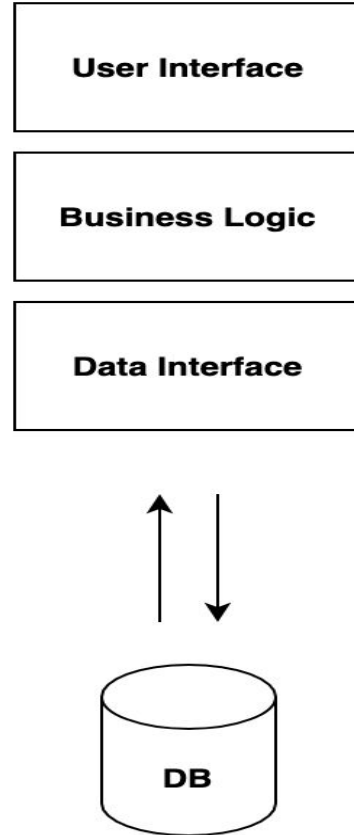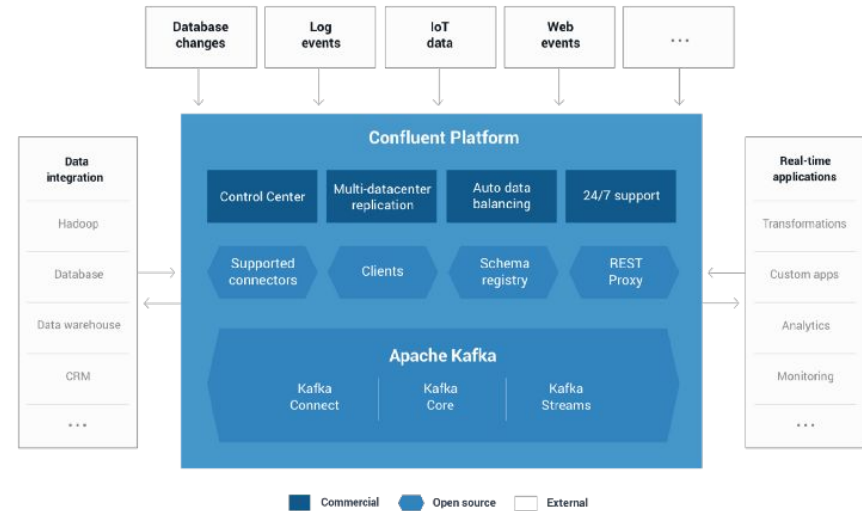# Event driven data architecture

Monolith data architecture

- The data is in a single database
- Much easier in terms of development
- You can use the same libraries, templates and code blocks
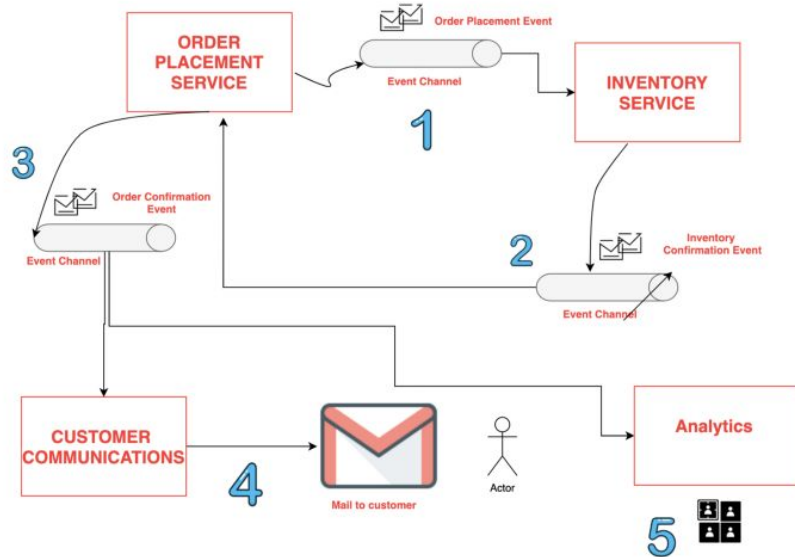- Easier to test and deploy something

User Interface

Business Logic

Data Interface

DB

Event driven data architecture

- Enables building **a scalable** system.
- There is no 1:1 integration between systems, it helps to create **a loosely coupled** system
- The producer and consumer are quite unbound
- **Real-time processing** based on an event or specific time window

Event driven architecture

Finish