

When to Use EDA

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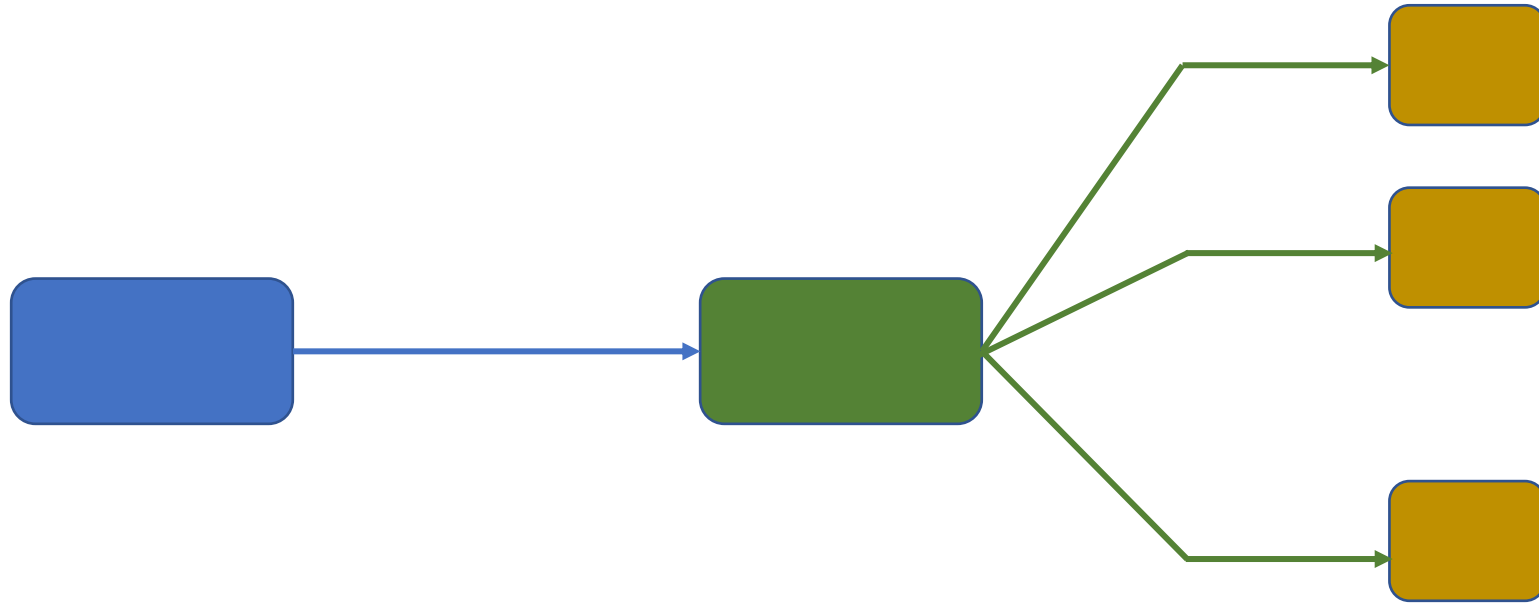
When to Use Event Driven Architecture

- Event Driven Architecture is not easy to implement
- Requires setting up and configuring channels
- Not trivial logging and monitoring
- Be sure to use it when needed

Scalability

- Scalability is a non-issue in EDA
- New consumers can be added as needed with no changes to the architecture
- Great for fluctuating load

Scalability



Asynchronous

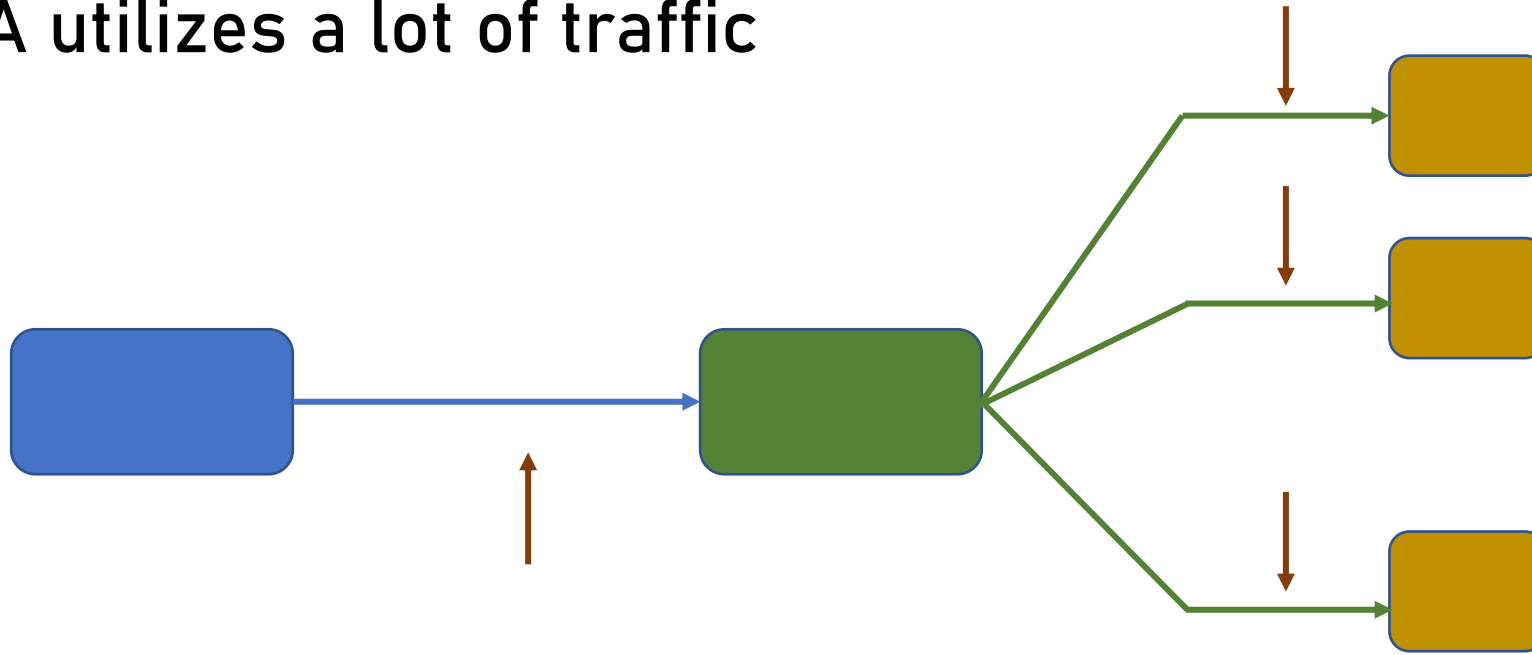
- If inter-service communication can be asynchronous, consider EDA
- Remember: EDA is async by nature
- Examples:
 - Send instructions to perform payment
 - Write to log

Asynchronous

- Check how many synchronous interactions there are
- Usually mainly queries
- The more synchronous calls – the less EDA is relevant

Reliable Network

- EDA utilizes a lot of traffic



- Network should be reliable or performance will be slow

When not to Use EDA

- EDA is not suitable for:
 - Small systems with a few services
 - Synchronous-oriented systems
 - ie. Information system serving mainly queries from end users