Modular Monolithic Architecture

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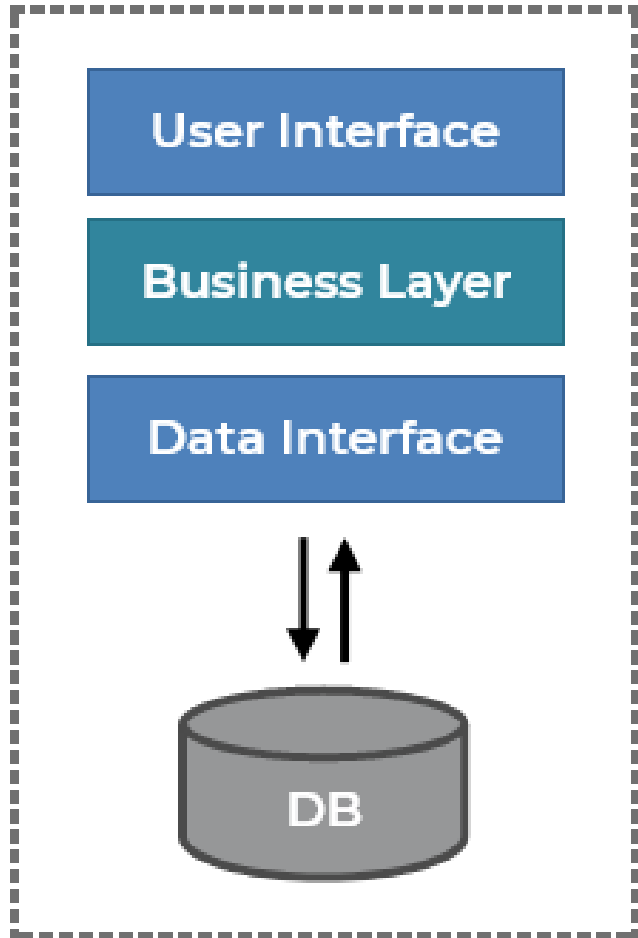
Full Stack Outdoor Explorer

Whiskey on the rocks

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Agenda

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How do we develop new application?

Monolith Architecture

User Interface

Business Layer

Data Interface

DB

Simplicity to development

Simplicity of debugging

Simplicity to testing
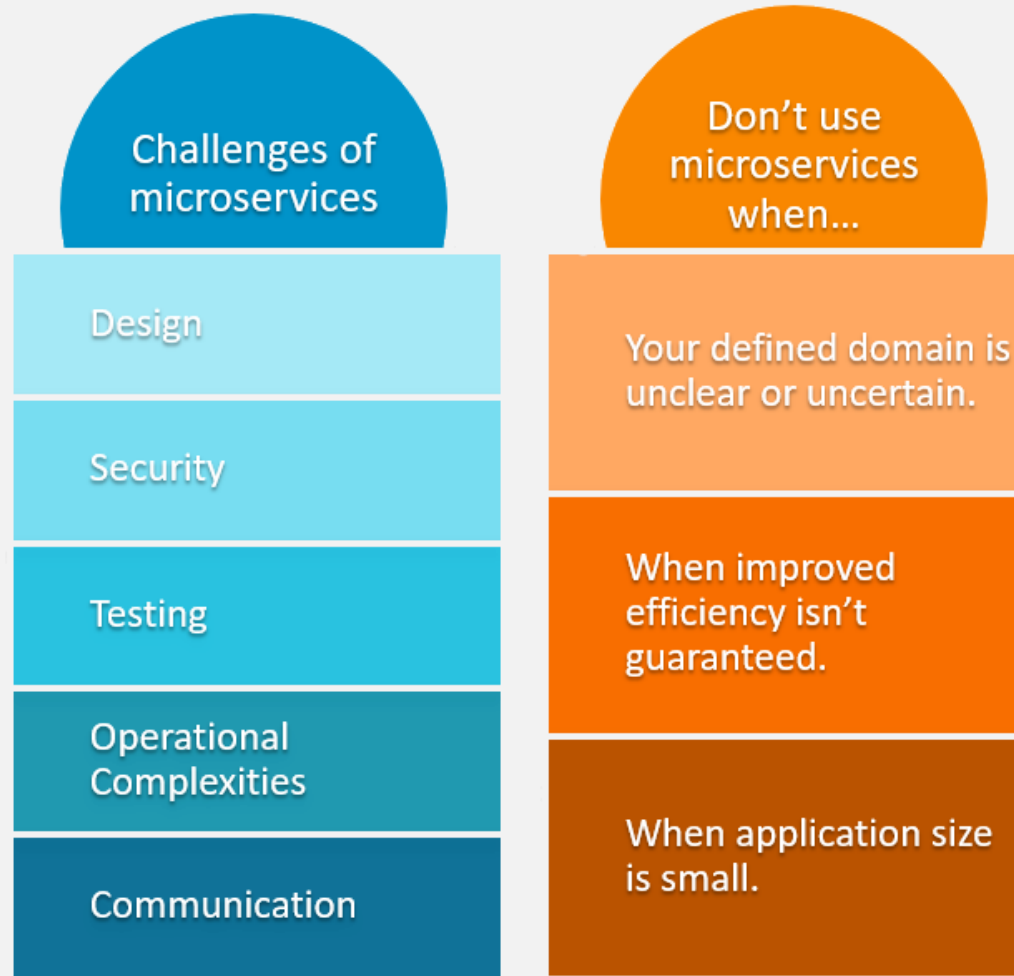
Simplicity of deployment
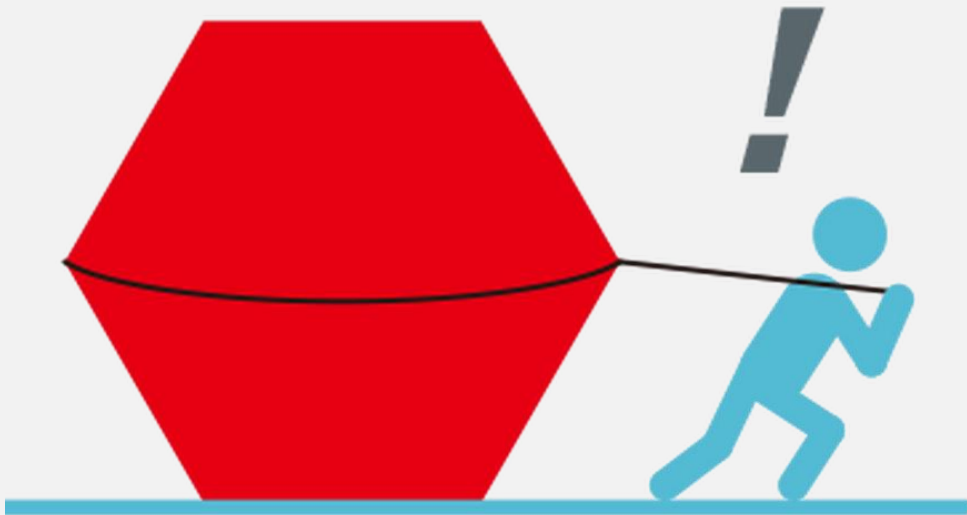
Low cost in the early stages of the application.
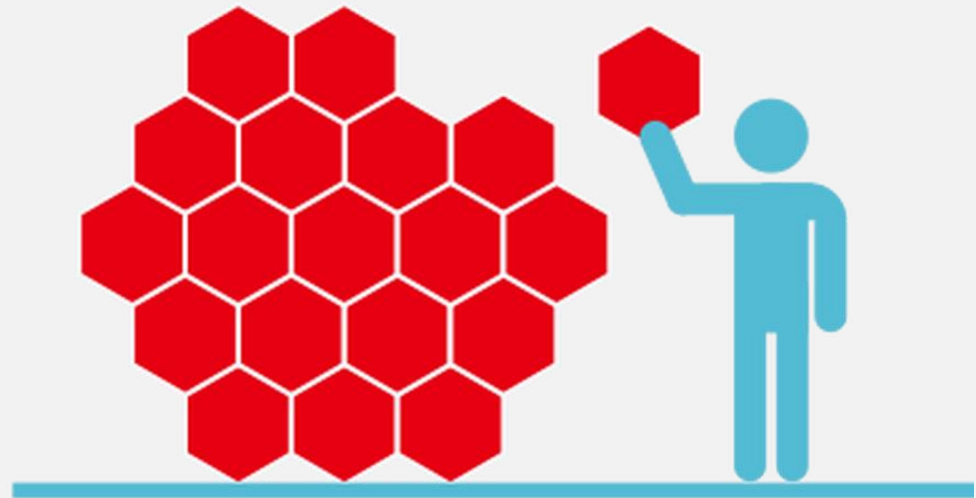
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What about scaling?

Microservices?

Reasons to Avoid Microservices (at the beginning)

Challenges of microservices

- Design
- Security
- Testing
- Operational Complexities
- Communication

Don't use microservices when...

- Your defined domain is unclear or uncertain.
- When improved efficiency isn't guaranteed.
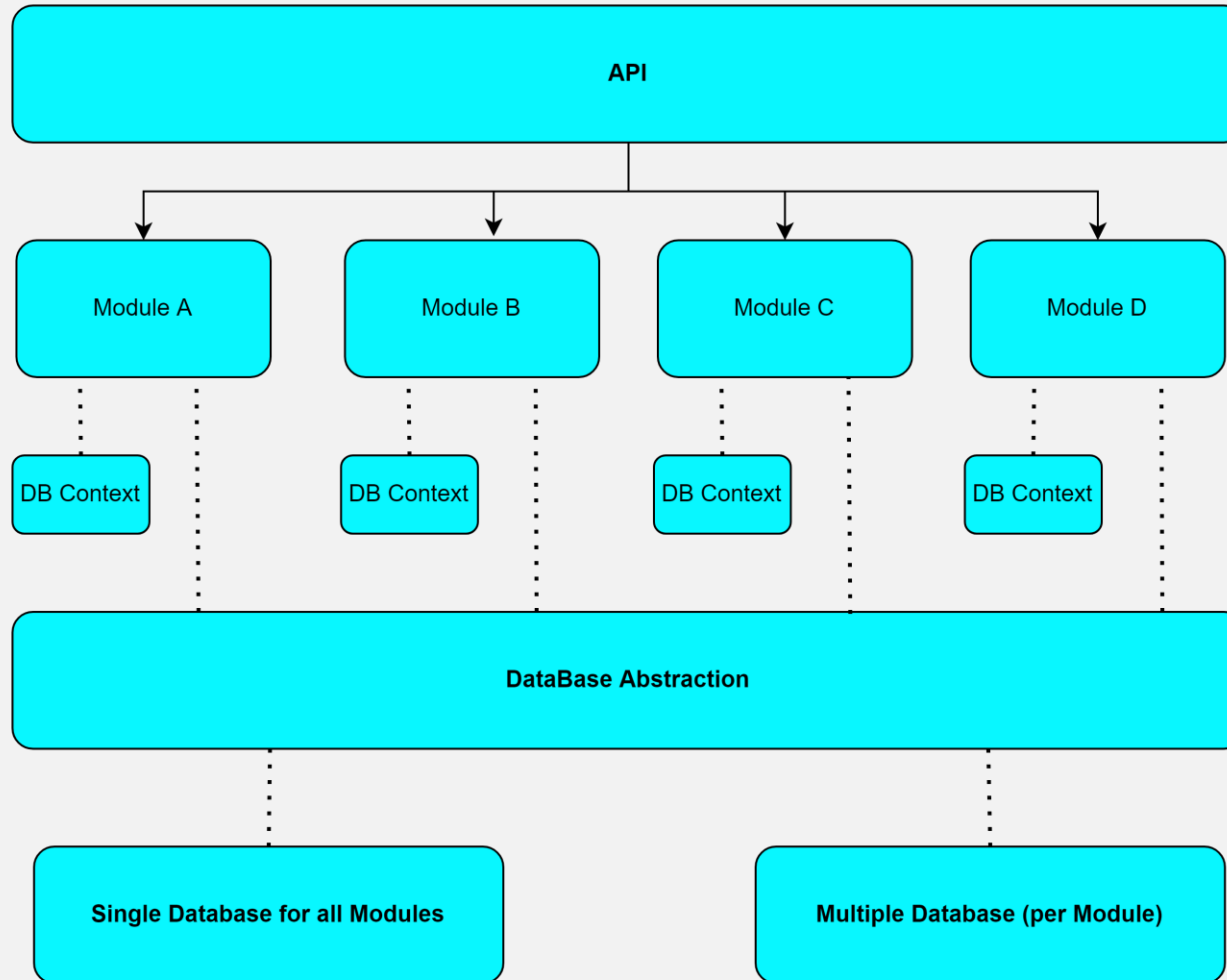- When application size is small.

The Need to Build Better Monoliths

This project has got so big,
I'm not sure I'll be able to deliver it!

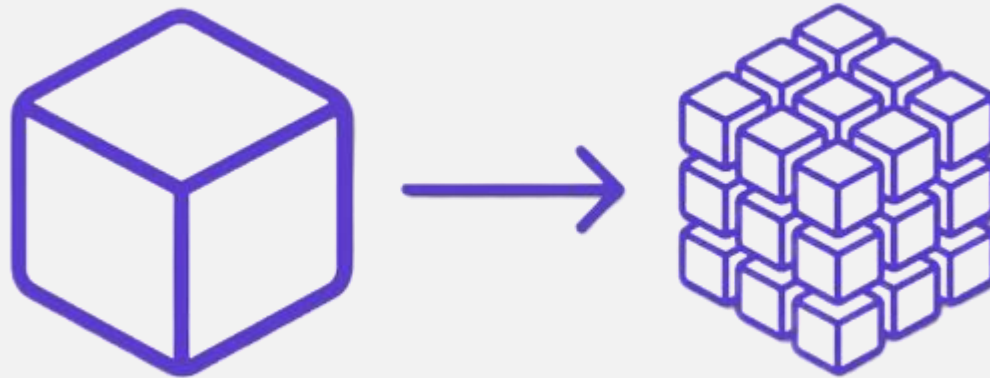It's so much better delivering this
project in bite-sized sections

What is Modular Monolithic Architecture?

Definition of a Module

Demo

Q&A

Thank you!

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