MICROSERVICES FOR BEGINNERS

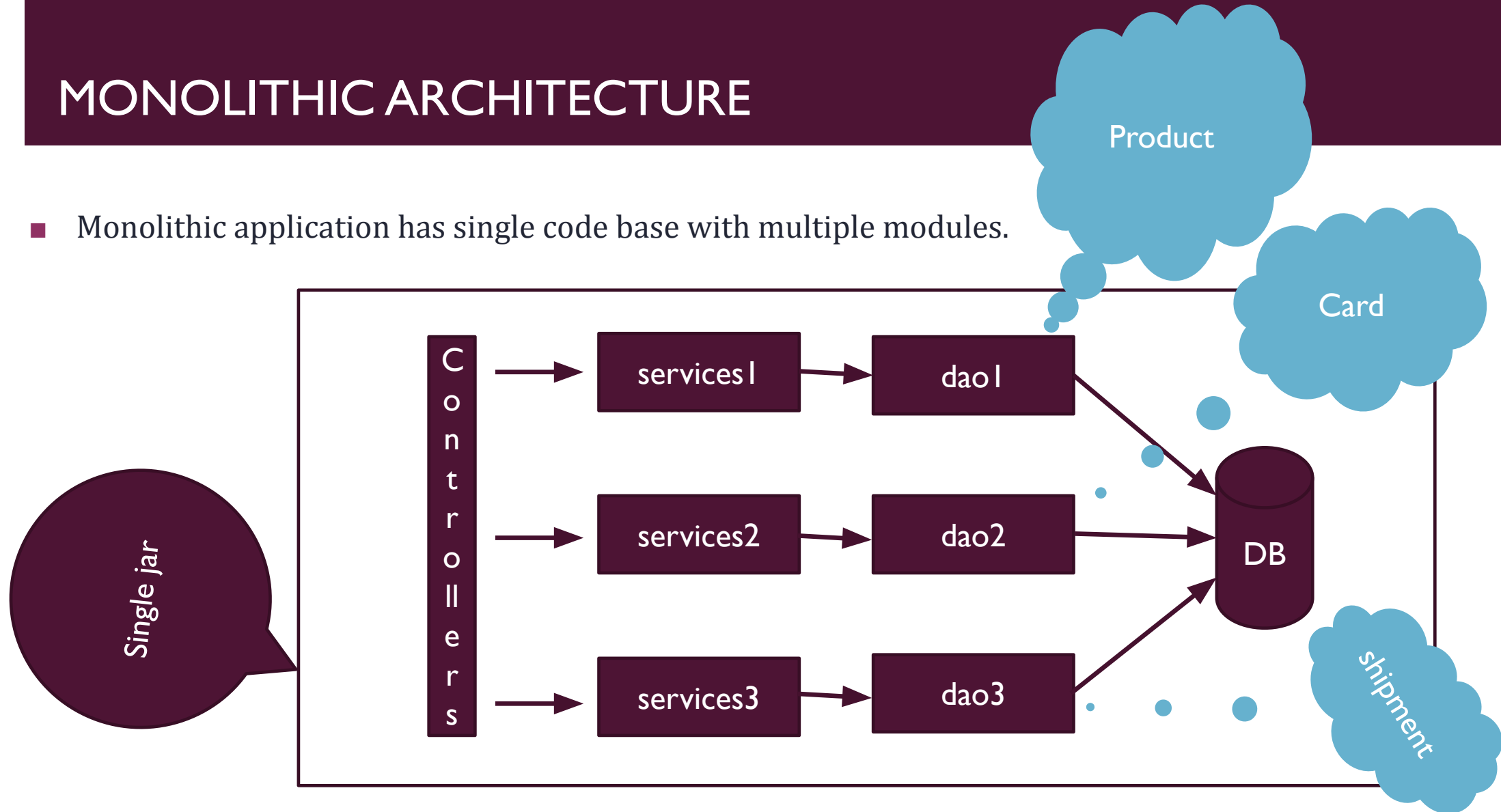CRASH COURSE

CONTENT OF THIS VIDEO

- What is monolithic Architecture

- Advantages and Disadvantages of Monolithic Application

- What is microservices?

- Advantages of Microservices

- Microservices Architecture

- How two microservices communicate with each other

- Use case Practical Work..

Microservices

MONOLITHIC ARCHITECTURE

- Monolithic application has single code base with multiple modules.

DISADVANTAGES OF MONOLITHIC APPLICATION

- As Project scale , it becomes difficult to manages.

- For single change redeployment of whole application needed.

- Difficult to adapt new technology for single functionality.

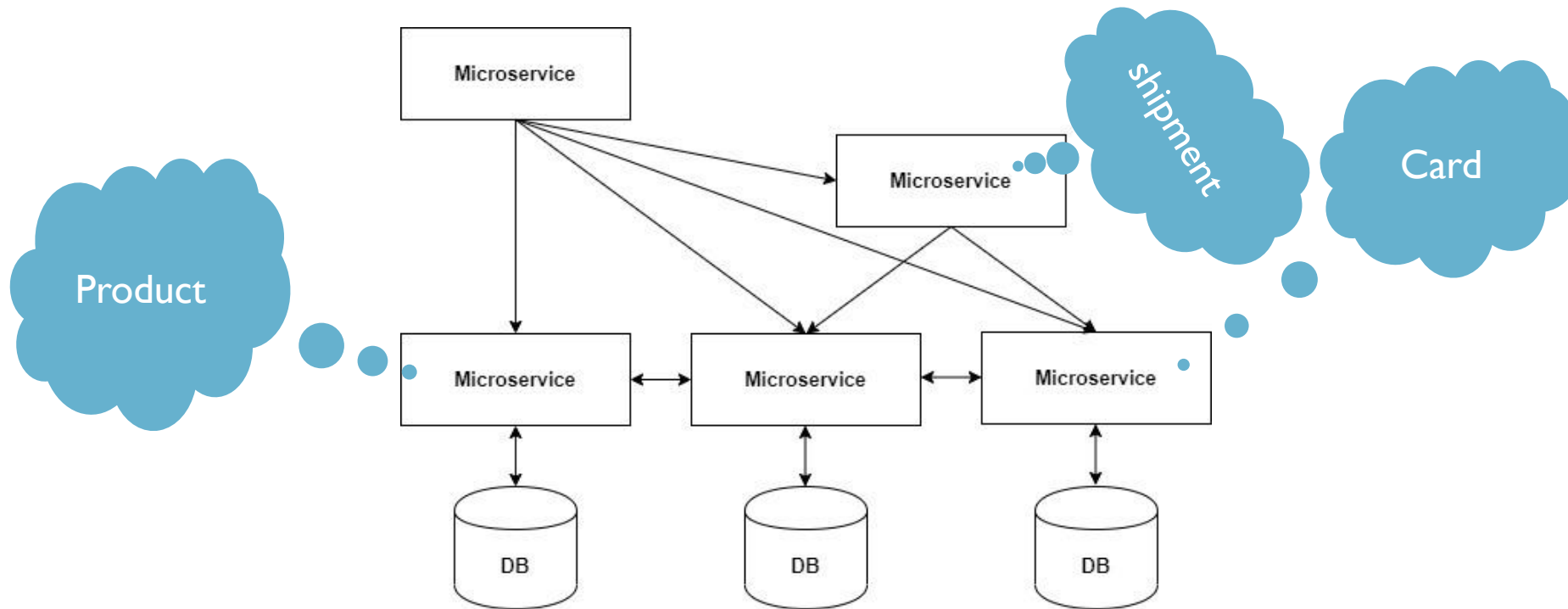- Single bug may down your whole application.

Advantages of Monolithic Application

- Simple to Develop.

- Simple to build and deploy.

- Difficult to adapt new technology for single functionality.

- Problem of network latency are relatively less.

WHAT ARE MICROSERVICES ?

- Microservices are the small services that work together.

- These smaller services communicating with each other directly using light weight protocols like HTTP.
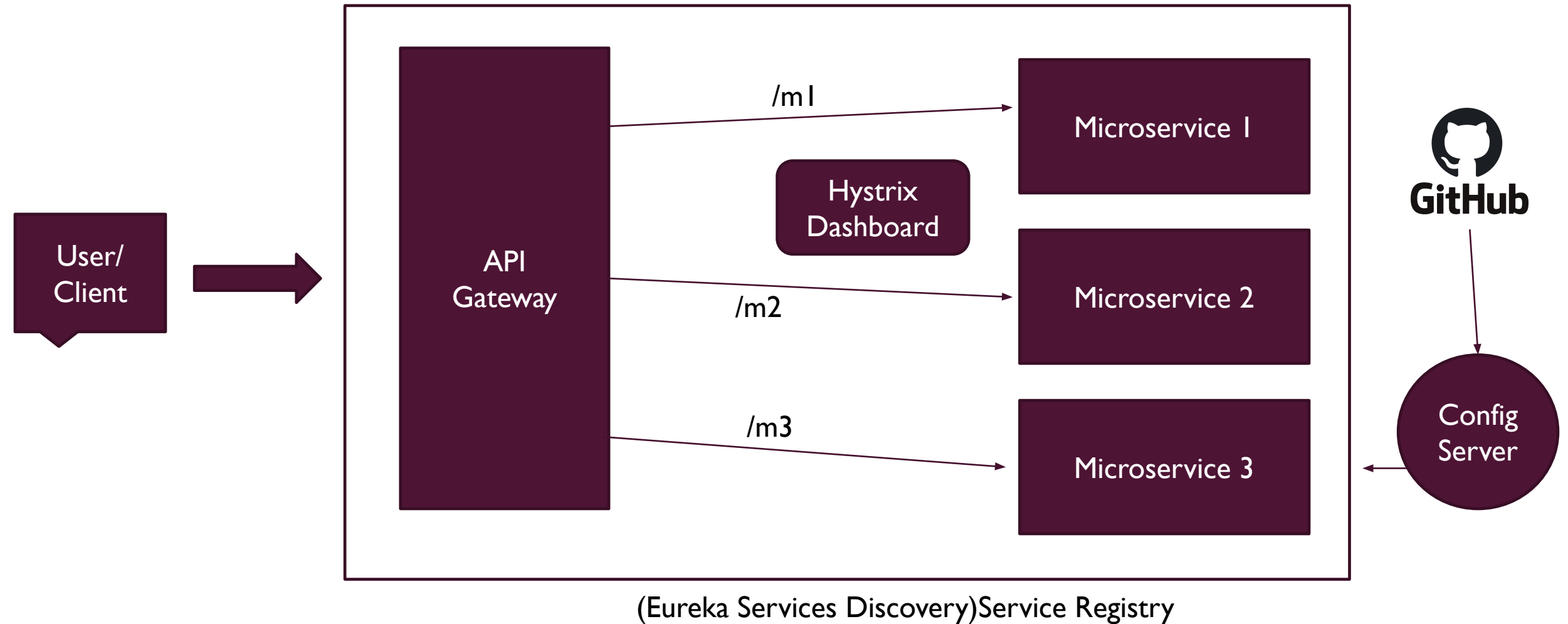

Microservices architecture
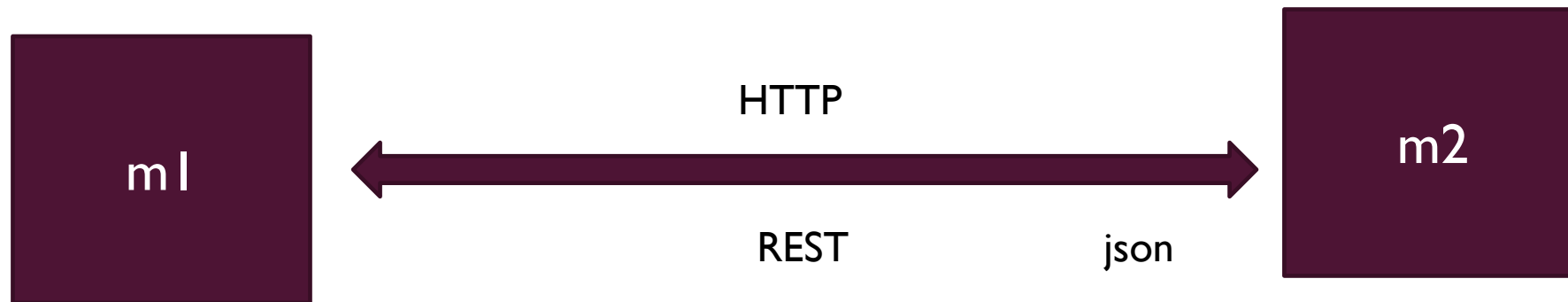
ADVANTAGES OF MICROSERVICES

- It is possible to change or upgrade each service individually rather than upgrading in the entire application.

- One service may down without impacting to others.

- Easily use different technology for building different microservices.

- Less dependency. Loosely coupled

- Many other…………….

MICROSERVICES ARCHITECTURE

(Eureka Services Discovery)Service Registry

HOW MICROSERVICES CONTACT EACH OTHER

USE CASE

(Eureka Services Discovery)Service Registry