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# MICROSERVICES FOR BEGINNERS

CRASH COURSE



# CONTENT OF THIS VIDEO

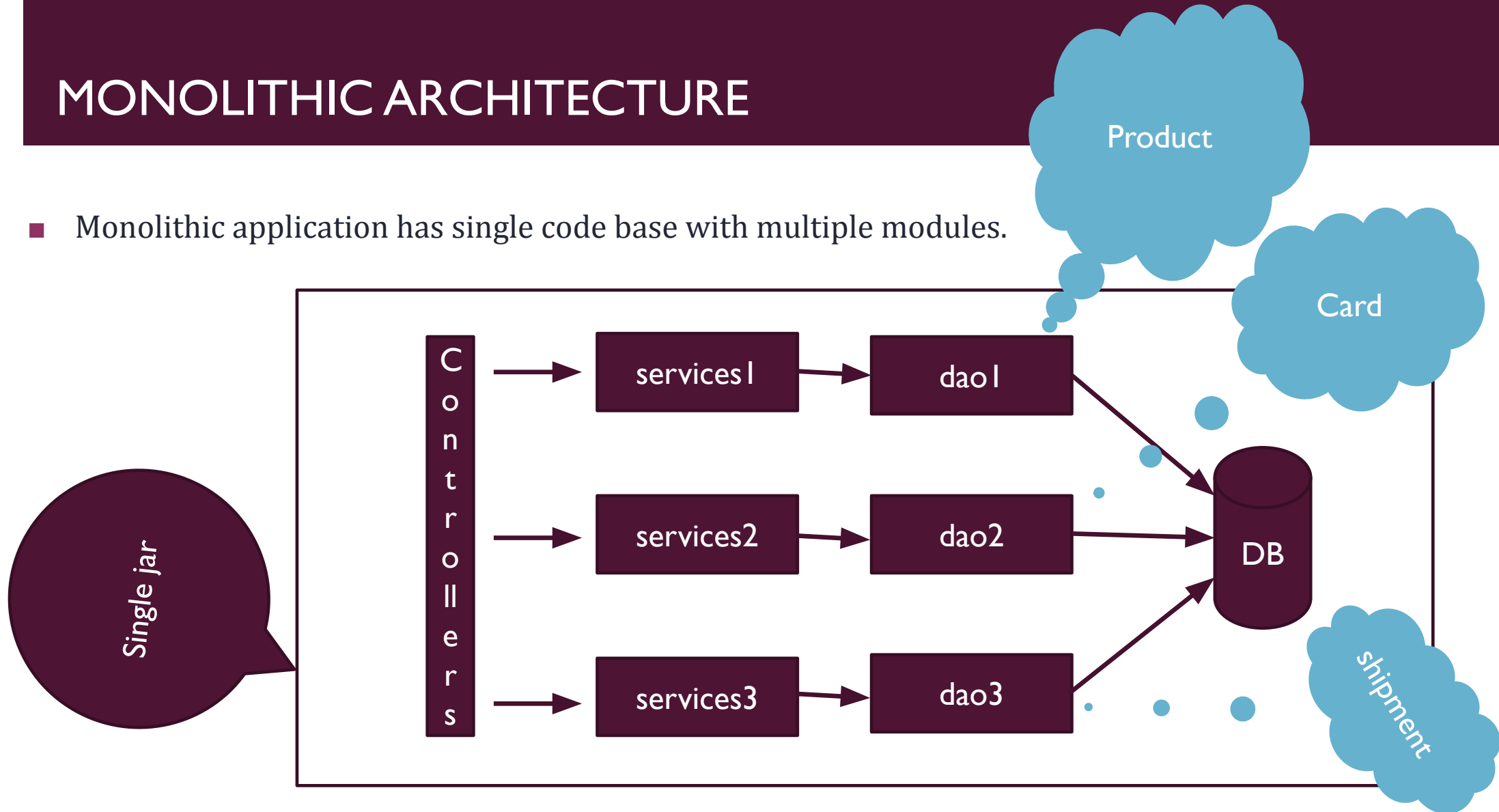
- What is monolithic Architecture
- Advantages and Disadvantages of Monolithic Application
- What is microservices?
- Advantages of Microservices
- Microservices Architecture
- How two microservices communicate with each other
- Use case Practical Work..



**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.

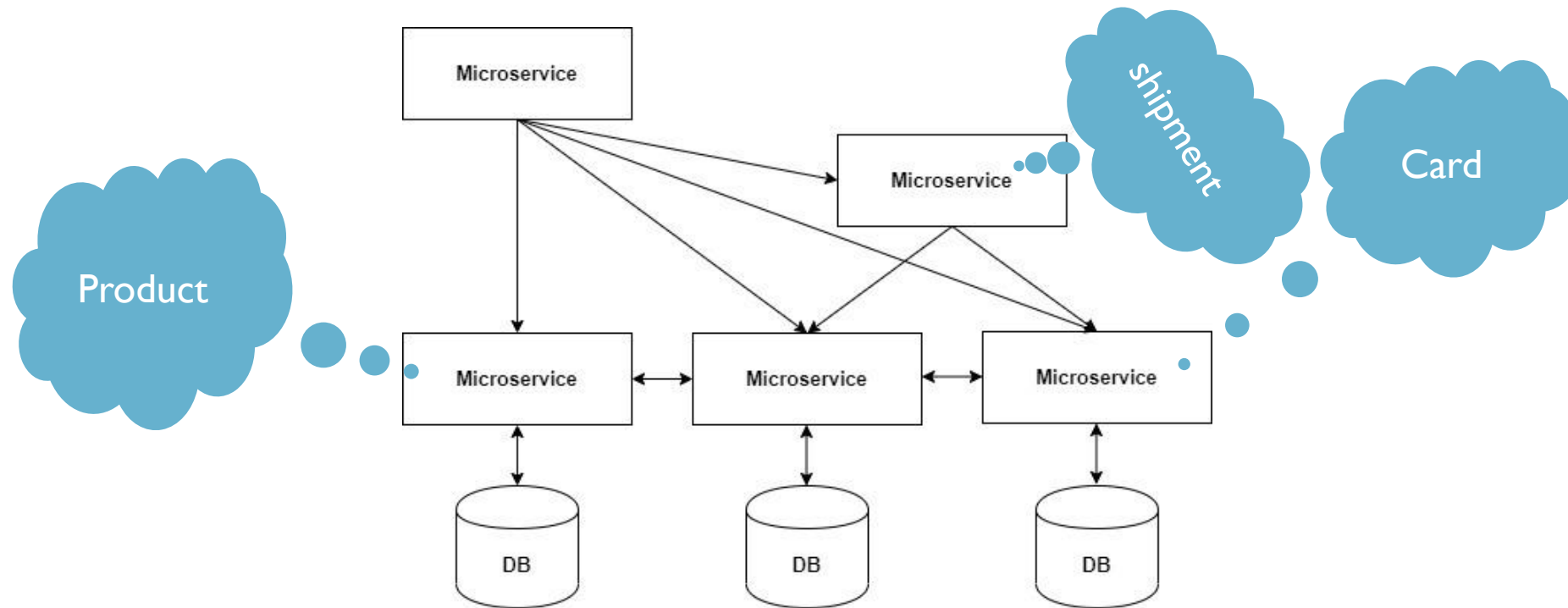
## Advantages of Monolithic Application

- 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.



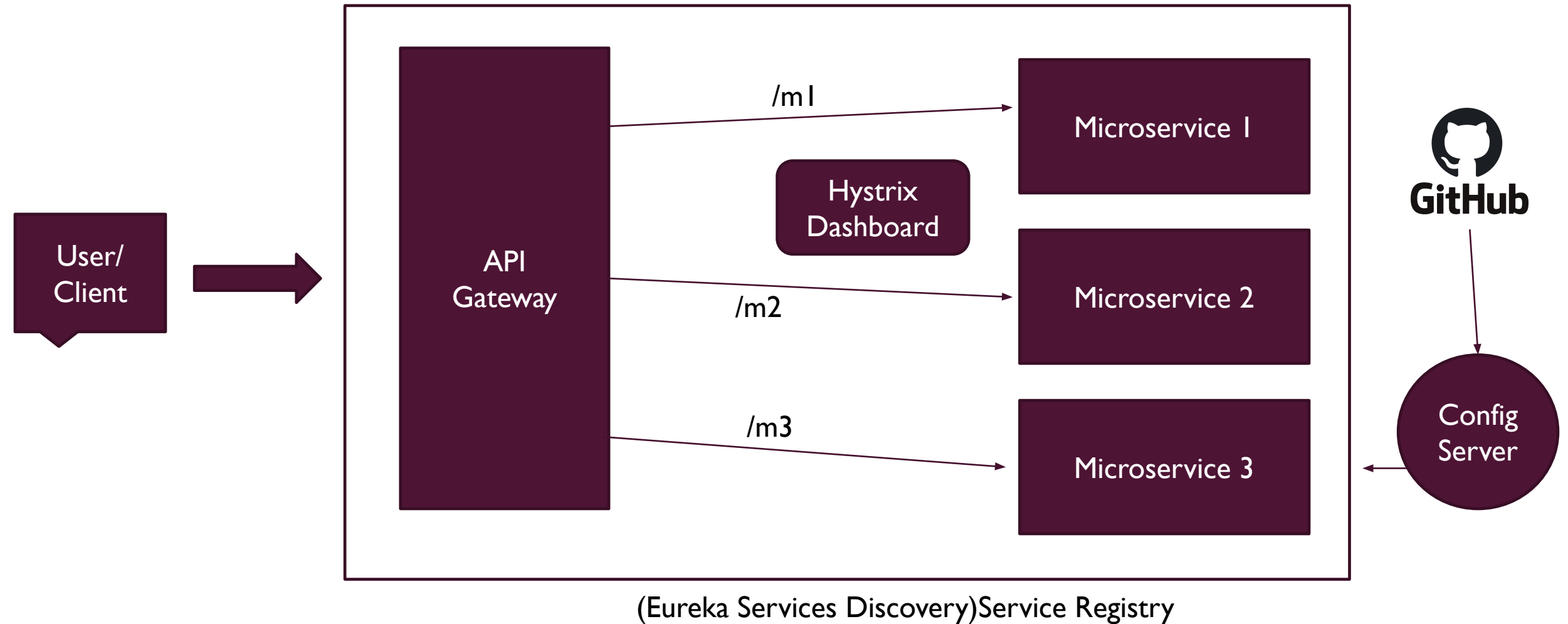
*Microservices architecture*

# ADVANTAGES OF MICROSERVICES

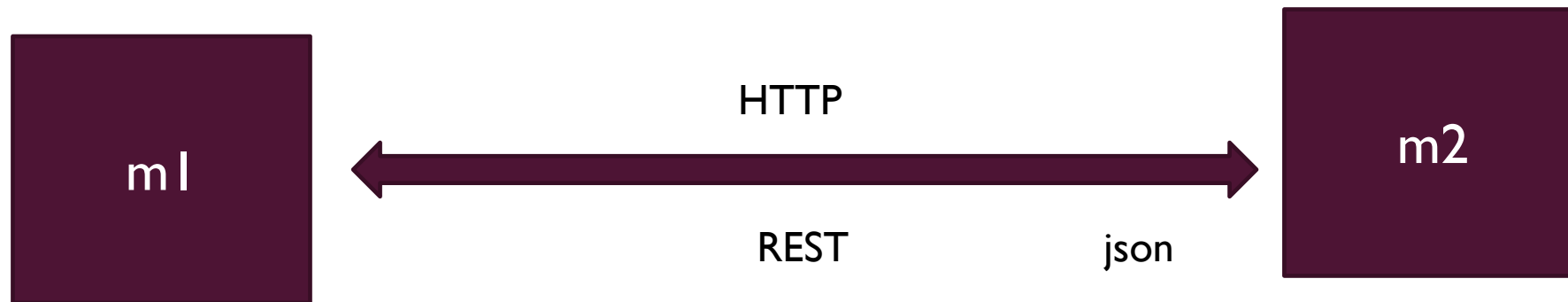
- It is possible to change or upgrade each service individually rather than upgrading in the entire application.
- One service may down without impacting to others.
- Easily use different technology for building different microservices.
- Less dependency. Loosely coupled
- Many other.....



# MICROSERVICES ARCHITECTURE



# HOW MICROSERVICES CONTACT EACH OTHER





# USE CASE

