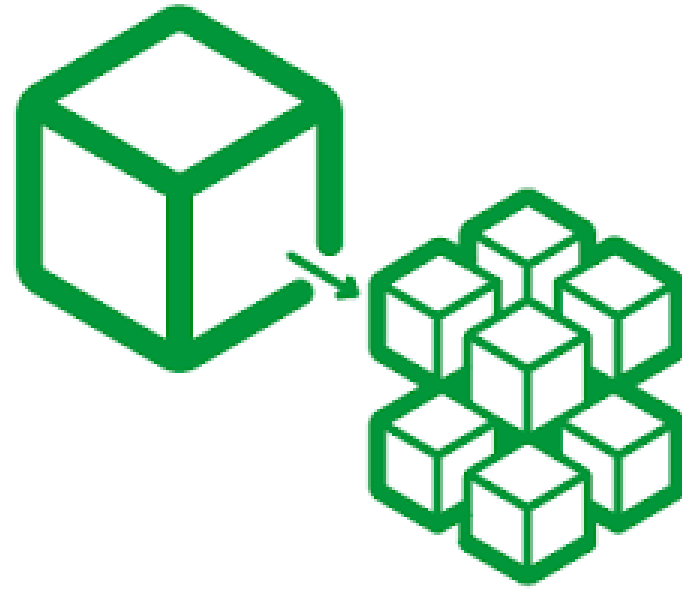


Microservers

Introduction to Microservers By Dilan O.

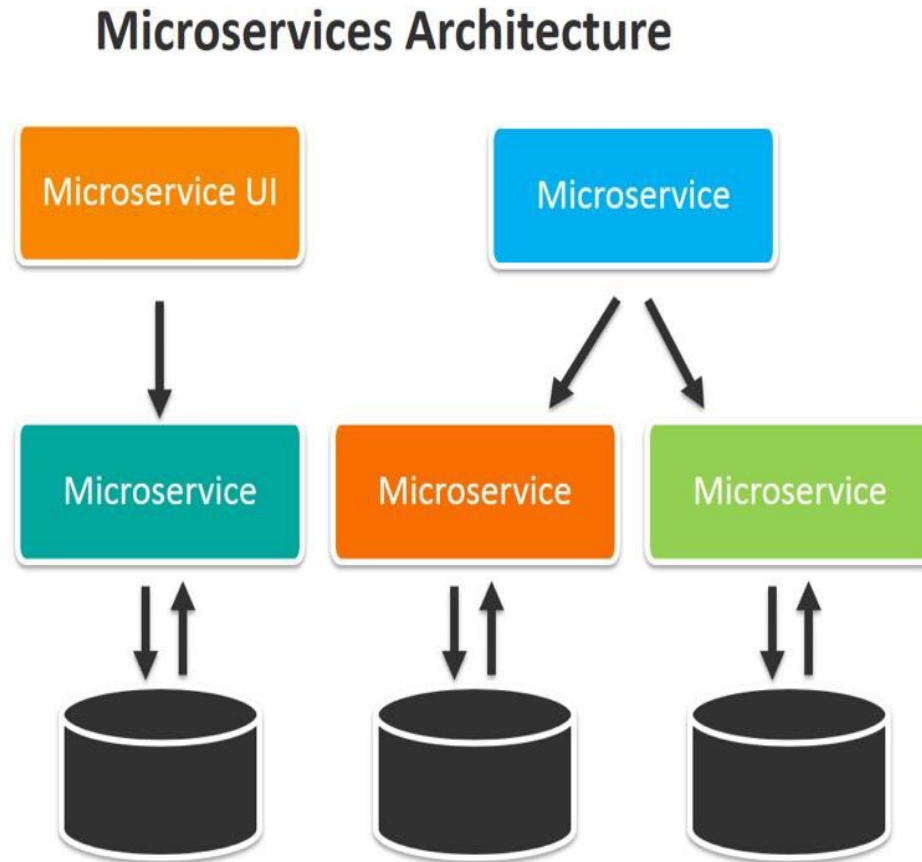
What is Microservers?

- is an architectural style.
- is a method of developing software.
- set of services that run independently and autonomously.
- For large and complex apps.



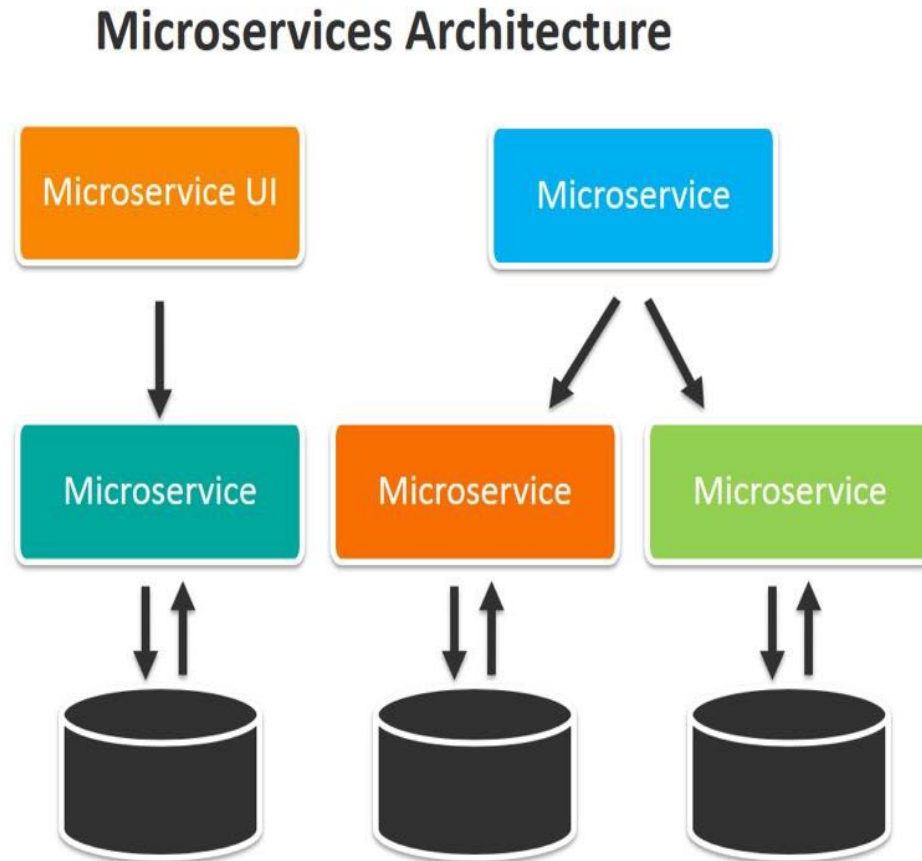
Characteristics:

- Modularity, can be developed, maintained and deployed independently.
- Code can be written in different languages.
- Easy to understand and modify for developers.
- Scaling up becomes easier.



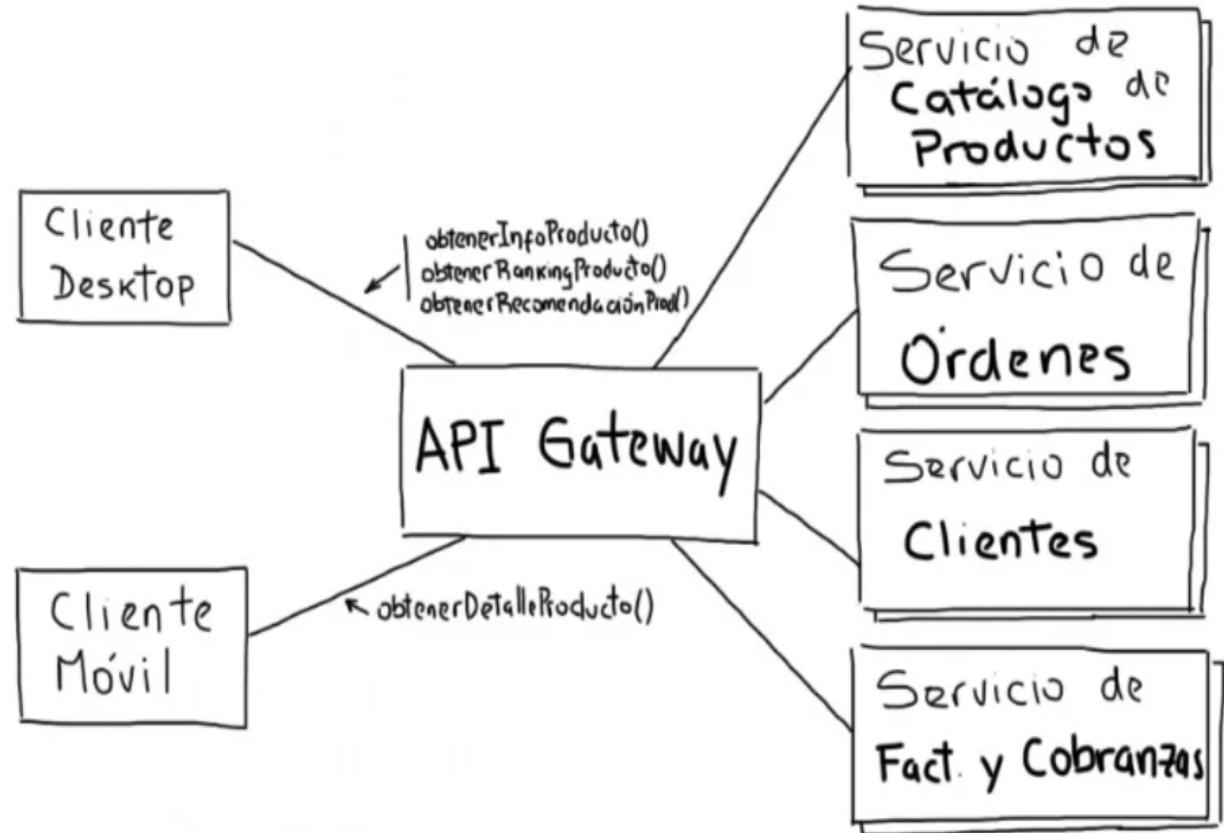
Cons:

- Initial time investment: When building the architecture, it takes more time to be able to fragment the various microservices.
- Debugging becomes more challenging with microservices.
- Costs may be higher with microservices: hosting infrastructure with security and maintenance support.
- Developer profile: need skilled development teams.



Communication:

- It is like an entry point.
- Process:
 - A client sends a request to the gateway.
 - The gateway processes and sends the request to the Service.
 - The service responds to the gateway.
 - The gateway processes the response and sends it to the client.
- Authentication.
- Validate variables.



When to use?

- Large and complex apps.
- Projects with a great team.
- Frequent and continued deployments.
- Have experience in microservices.

That's all.
Thank you...