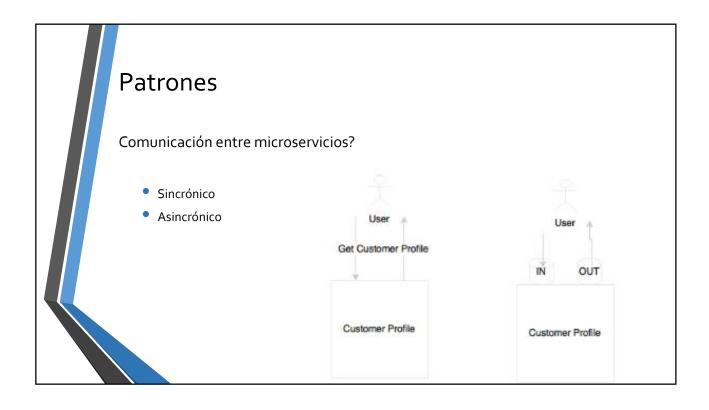
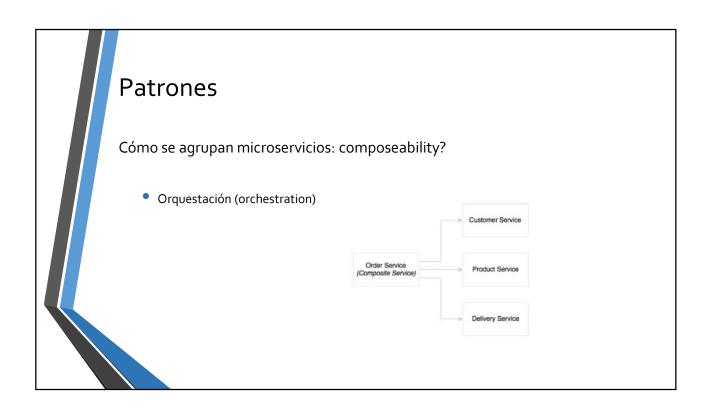


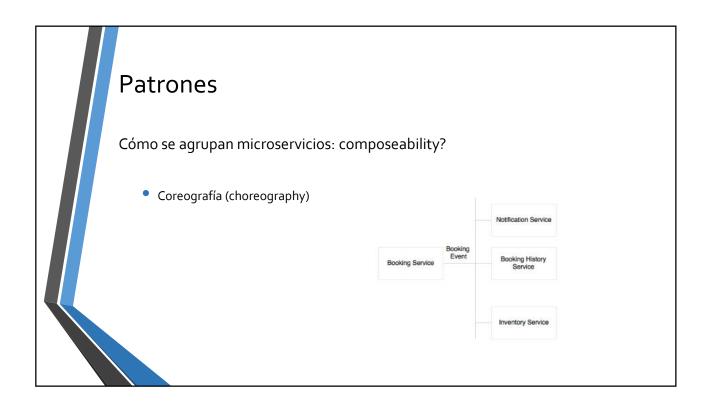
Patrones

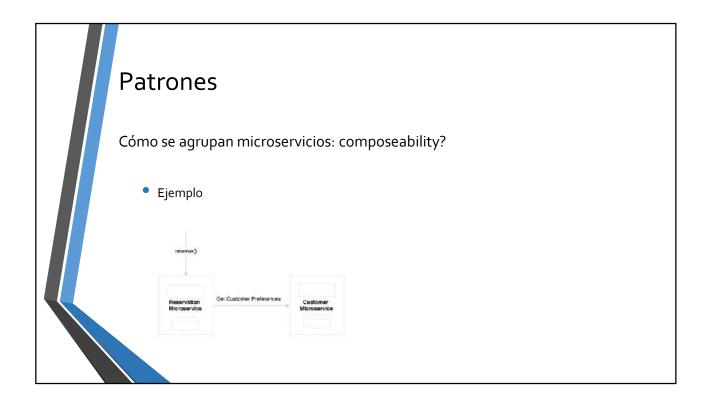
Cómo definir microservicios?

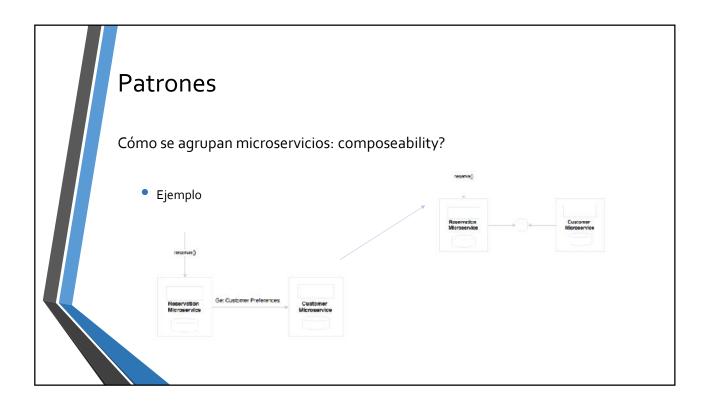
- 1. Funciones autónomas
- 2. Tamaño del archivo instalable
- 3. Subdominios? (búsquedas, reservas, etc)
- 4. Agrupado por arquitecturas? (SQL, NOSQL)
- 5. Qué funcionalidad necesita escalabilidad?
- 6. Simple responsabilidad (single business capability)
- 7. Unidades intercambiables
- 8. Evitar dependencias (coupling) entre microservicios

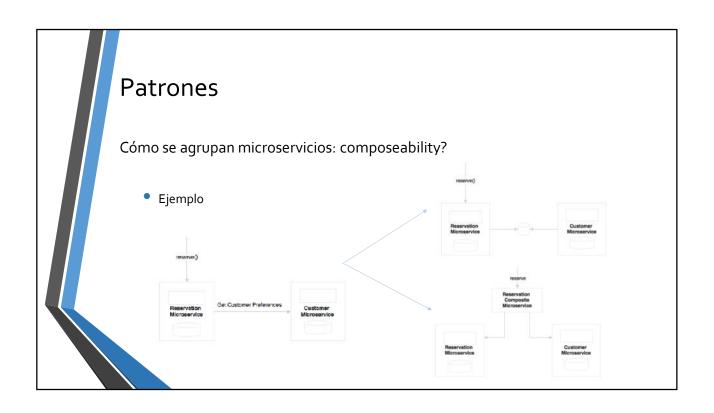








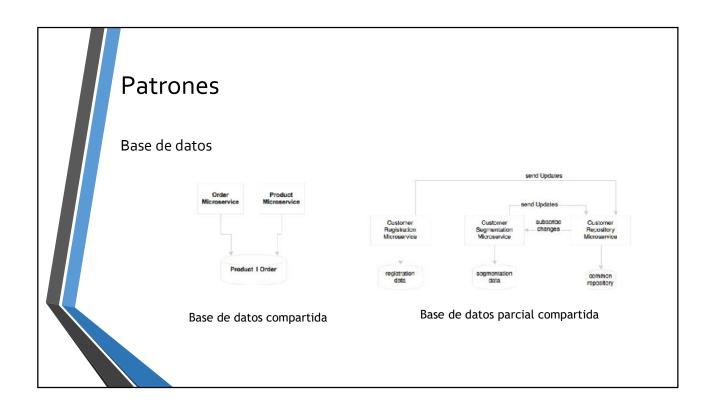


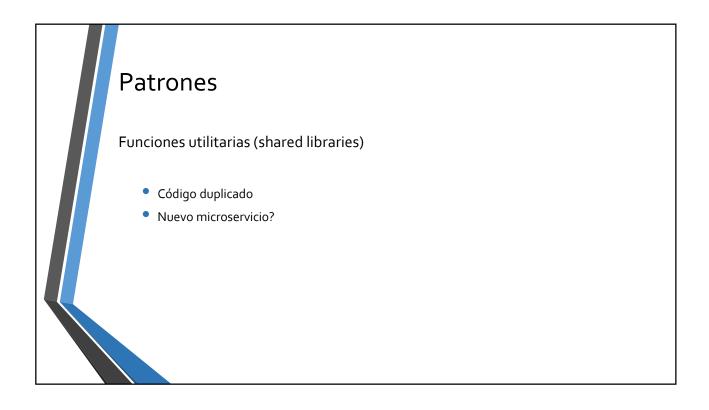


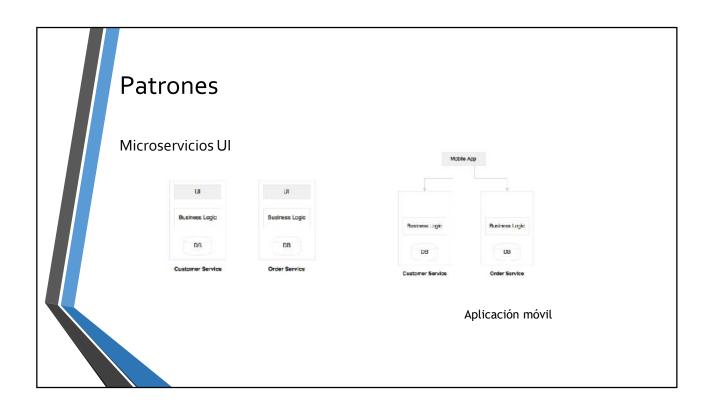
Patrones

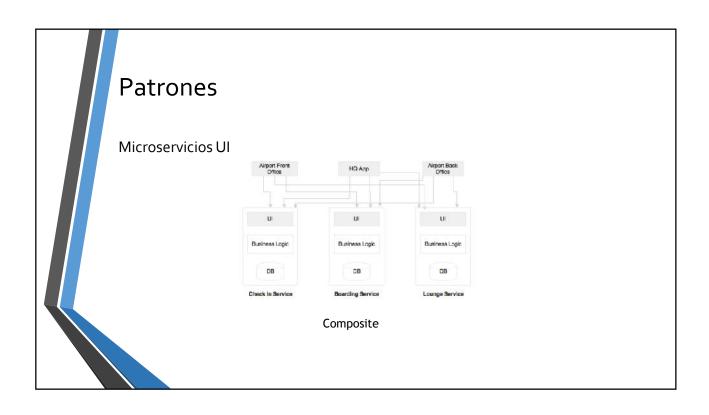
Cuántos servicios por VM?

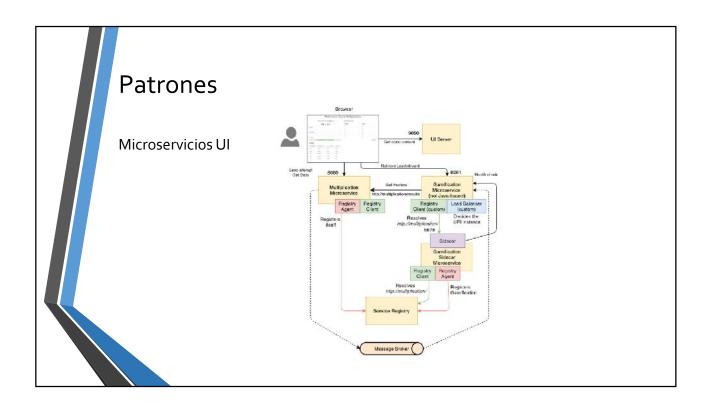
- SLA: escalabilidad
- Una sola VM puede gestionar todos los microservicios?
- Todos los microservicios tienen los mismos requerimientos: JDK, OS



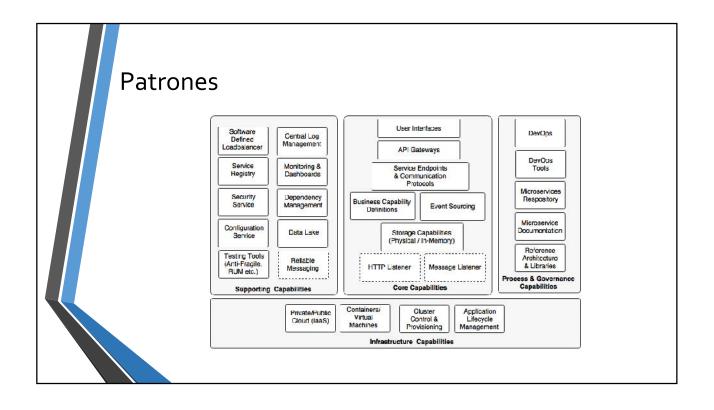


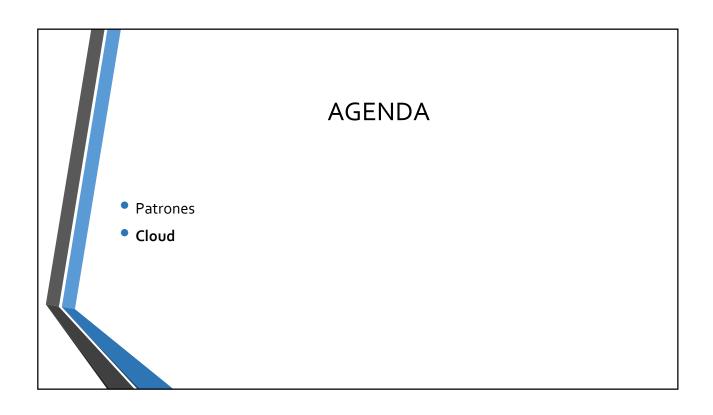


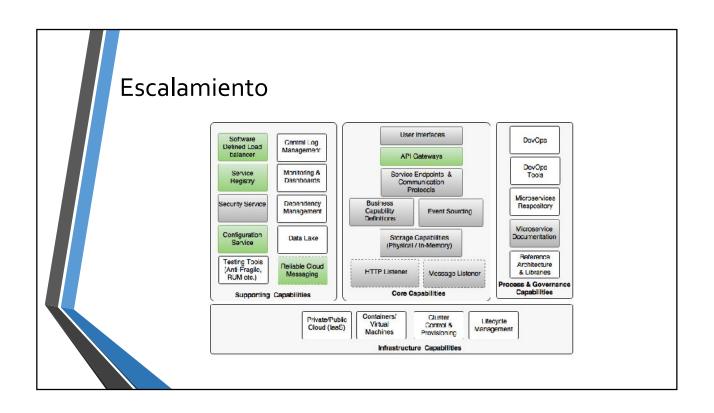




Infraestructura necesaria para implementar microservicios







Escalamiento

Spring Cloud

http://projects.spring.io/spring-cloud/

Escalamiento

- Software defined load balancer: Ribbon
- Service Registry: Eureka server
- Configuration Service: Spring Config Server
- Reliable Cloud Messaging: Spring Cloud messaging (RabbitMQ)
- API Gateway: Zuul

