Lab 5 Exercise 1 - Messaging

1. Dependent Microservices

BookingService notifies RoomService via KubeMQ on `room_update_channel`.

2. Databases

- booking_LBS for BookingService

- room_LBS for RoomService

3. Messaging Code (BookingService)

- Messaging.java publishes

- BookingResource.java triggers sendMessage

4. Messaging Code (RoomService)

- RoomUpdateListener.java subscribes

- AppContextListener.java auto-starts it