docker pull mysql

docker run --name mysql-container -e MYSQL\_ROOT\_PASSWORD=rootpassword -d -p 3306:3306 mysql:latest

docker exec -it mysql-container mysql -u root -p

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Spring Boot with mysql with networking

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application.properties

spring.datasource.url=${DB\_URL}

spring.datasource.username=${DB\_USERNAME}

spring.datasource.password=${DB\_PASSWORD}

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver

spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQL8Dialect

spring.jpa.hibernate.ddl-auto=update

spring.jpa.properties.hibernate.show\_sql=true

for maven package

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set DB\_URL=jdbc:mysql://localhost:3307/mysql

set DB\_USERNAME=root

set DB\_PASSWORD=root

mvn package

**Docker to create network**

docker network create my-network

**RUN mysql in docker network**

docker run --name mysql-container --network my-network -e MYSQL\_ROOT\_PASSWORD=rootpassword -p 3306:3306 -d mysql:latest

**run spring app in docker network**

docker run --network my-network -e DB\_URL=jdbc:mysql://mysql-container:3306/mysql -e DB\_USERNAME=root -e DB\_PASSWORD=rootpassword -p 8080:8080 -d springwithmysql\_network\_bridge:latest



