

Normal **B** *I* U              

#### ☐ run mysql container

```
docker run -d -p 3306:3306 --name localmysql -e MYSQL_ROOT_PASSWORD=rootpass -e MYSQL_DATABASE=todos -e MYSQL_USER=cosmin -e MYSQL_PASSWORD=pass mysql
```

#### ☐ 04-spring-boot-eb-rds

##### ☐ create git repo

##### ☐ configure Dockerfile and pom.xml in `project`

##### ☐ create image from the `project` with `mvn package`

##### ☐ run container from the `project` image

```
docker run -d -p 5000:5000 --link localmysql -e RDS_HOSTNAME=localmysql cosdin/spring-mysql:0.0.1-SNAPSHOT
```

#### ☐ Use separate network where we run the 2 containers removing the need for --link

```
docker network list
```

```
docker network create spring-mysql-net
```

```
docker run -d --network=spring-mysql-net -p 3306:3306 --name localmysql -e MYSQL_ROOT_PASSWORD=rootpass -e MYSQL_DATABASE=todos -e MYSQL_USER=cosmin -e MYSQL_PASSWORD=pass mysql
```

```
docker run -d -p 5000:5000 --network=spring-mysql-net -e RDS_HOSTNAME=localmysql cosdin/spring-mysql:0.0.1-SNAPSHOT
```

```
docker inspect spring-mysql-net
```

```
docker network rm spring-mysql-net
```

#### ☐ Use volumes for the mysql container to persist data after a stop-start container (not restart)

```
docker run -d --network=spring-mysql-net -p 3306:3306 --name localmysql --volume mysql-database-volume:/var/lib/mysql -e MYSQL_ROOT_PASSWORD=rootpass -e MYSQL_DATABASE=todos -e MYSQL_USER=cosmin -e MYSQL_PASSWORD=pass mysql
```

