

Title: Java container cant connect to MYSQL container with docker-compose

Post Body:

I was given a multy-steps task and im stuck !!

im trying to connect my Java container to my MYSQL container,but im getting **503 ERROR**

HTTP ERROR 503 Problem accessing /. Reason: Service Unavailable

docker-compose file :

```
version: "3.3"  services:      lavagna:      build: .      ports:      - "8080:8080"      networks:
```

I got the JAVA src files,i just used maven locally to build it and use target for the Java Dockerfile

java app dockerfile :

```
FROM openjdk:8-jre-alpine EXPOSE 8080 COPY ./target/. . COPY ./entrypoint.sh . ENV DB_DIALECT MYSQL ENV DB_URL jdbc:mysql://1
```

Accepted Answer: None

Highest Rated Answer:

I think you need a combination of comments and answers given already. Your containers are on the same network, so it appears to boil down to configuration.

In your docker file update your DB\_URL to:

```
ENV DB_URL jdbc:mysql://my_db:3306/lavagna
```

If you use localhost your container will loopback to itself, and never hit the network.

In your docker-compose yml file, you have a typo in the url, try updating to:

```
spring.datasource.url: "jdbc:mysql://my_db:3306/lavagna"
```

As an aside, using `depends_on` does not wait for the service to be ready. It simply dictates start order as the [documentation states](#):

There are several things to be aware of when using `depends_on`:

`depends_on` does not wait for db and redis to be “ready” before starting web - only until they have been started. If you need to wait for a service to be ready...