

Title: Running docker compose causes 'Connection to localhost:5432 refused.' exception

Post Body:

I've looked at SO posts related to this questions [here](#), [here](#), [here](#), and [here](#) but I haven't had any luck with the fixes proposed. Whenever I run the command `docker-compose -f stack.yml up` I receive the following stack trace:

```
Attaching to weg-api_db_1, weg-api_weg-api_1 db_1 | 2018-07-04 14:57:15.384 UTC [1] LOG: listening on IPv4 address '0.0.0.0'
```

I thought that my `.yml` file was brain-dead-simple, but I must be missing something vital for the internal routing between the two containers to fail.

EDIT

My `stack.yml` is below:

```
version: '3' services: db: image: postgres restart: always container_name: db environment: POSTGRES_US
```

EDIT

My Springboot application properties are below:

```
spring.datasource.url=jdbc:postgresql://db:5432/weg spring.datasource.username=root spring.datasource.password=password spring
```

I'm at a loss as to how to proceed.

Accepted Answer: None

Highest Rated Answer:

Your database is running on `db` container, not on your `localhost` inside your `weg-api` container. Therefore, you have to change

```
spring.datasource.url=jdbc:postgresql://localhost:5432/weg
```

to

```
spring.datasource.url=jdbc:postgresql://db:5432/weg
```

I would also suggest you give `container_name` to each of your containers to be sure the container names are always same. Otherwise you might sometimes get different names depending on your configuration.

```
version: '3' services: db: image: postgres restart: always container_name: db environment: POSTGRES_US
```