

Title: Flyway cannot connect to MySQL from Docker-Container

Post Body:

Flyway tries to connect to MySQL Docker-Container. Flyway is integrated in a Spring Boot Project. Spring Boot Project and the database are starting from a docker-compose.

There is no possibility to connect with the database-client to the database-container.

In the error-log of Flyway, there is the message:

```
Access denied for user 'root'@'172.19.0.3' (using password: NO)
```

I've tried to solve the problem with several solutions from Stackoverflow. I have tried to change up the application.properties file. Also tried to create a new user with a init.sql. With docker-compose, I tried to set the MySQL-root-password.

docker-compose.yml

```
version: '3' services: docker-mysql: image: mysql:latest container_name: docker-mysql command: --init-file /da
```

application.properties

```
#spring.jpa.hibernate.ddl-auto=create spring.datasource.url=jdbc:mysql://docker-mysql:3306/chat?useUnicode=true&useJDBCComplia
```

Errorlog

```
spring-boot-jpa-docker-webapp_1 | SQL State : 28000 spring-boot-jpa-docker-webapp_1 | Error Code : 1045 spring-boot-jpa-docker-webapp_1 |
```

MySQL-log

```
docker-mysql | 2019-05-10T08:39:28.600028Z 0 [Warning] [MY-011070] [Server] 'Disabling symbolic links using --skip-symbolic-links is not a good idea: you can't find a path to a file that crosses a symlink. To fix, use --skip-symbolic-links=0'
```

How can I connect to the MySQL-container? Is something wrong in my docker-compose-file? Or do we need to open the 3306-port?

Accepted Answer: None

Highest Rated Answer:

Since Spring Boot 2.x, the [flyway configuration keys need to be prefixed](#) with spring.:

```
spring.flyway.user=thelegend27 spring.flyway.password=1234
```

Without that prefix, your settings are ignored and it defaults to the root user and an empty password.

Setting the empty MYSQL_ROOT_PASSWORD environment variable would have worked except for a typo:

```
- MYSQL_ALLOW_EMPTY_PASSWOR=yes
```

should be:

```
- MYSQL_ALLOW_EMPTY_PASSWORD=yes
```