Title: Can't connect to MySQL docker container created via docker-compose

Post Body:

I want to get started with docker and created a simple container environment with an nginx container, a PHP-FPM container and a MySQL container.

While the link between the nginx and PHP-FPM container works well I can't seem to link the PHP application server with the database server.

I use docker-compose to minimize the manual terminal work. My docker-compose.yml looks like this:

```
web:    image: tutorial/nginx   ports:      - '8080:80'    volumes:      - ./src:/var/www     - ./src/vhost.conf:/etc/nginx/sites-
```

While I try to connect to the DB with the following statement:

```
$db = new \PDO('mysql:host=db;dbname=demoName', 'demoUser', 'demoPass');
```

The MySQL container itself is working as I can connect to the containers bash and use the MySQL CLI:

```
mysql> show databases;  +--------------------+ | Database           | +--------------------+ | information_schema | | demoDb
```

I just get a 500 error and can't find a reason why this wouldn't work. Any help or suggestion of what I might have missed is more than appreciated.

Accepted Answer:

This is not a Docker issue but a code issue:

You have: `$db = new \PDO('mysql:host=db;dbname=demoName', 'demoUser', 'demoPass');`

It should be: `$db = new \PDO('mysql:host=db;port=3306;dbname=demoDb', 'demoUser', 'demoPass');`

Highest Rated Answer:

If you have `0.0.0.0` host for your container with MySql and you want to connect with the database from outside docker (WorkBench or SequelPro), just use your docker-machine IP. Example:

```
user$ docker-machine ls NAME      ACTIVE   DRIVER      STATE     URL                         SWARM   DOCKER    ERRORS default
```

Then your host to MySQL is `192.168.99.100` with proper port e.g. `3306`