

**Docker
Image**
(blueprint)

```
graph TD; A((Docker Image  
(blueprint))) --> B[Docker Container  
(image instantiated)];
```

1. Add a `db.properties` folder to `resources` & add a `DatabaseConnection.java` file to a database folder (follow links below)

**Docker
Container**
(image instantiated)

2. Making the image & pushing it up:

Create repo on docker hub

```
$ mvn clean package
```

```
$ mvn install dockerfile:build *creating  
docker image
```

```
$ docker images *get name of images
```

```
$ docker run -d -p 8000:8000 -name  
[GIVE_CONTAINER_NAME] --network=my-  
network [IMAGE_NAME]
```

```
$ docker run -d -p 27017:27107 -name  
[GIVE_MONGO_DB_NAME] --network=my-  
network [MONGO_IMAGE_NAME]
```

```
$ docker push [REPO_NAME]
```