

## DevOps Machine test On Docker

### Instructions.

1. download the jar file and property file from s3 bucket.

<https://docker-machine-test.s3.ap-south-1.amazonaws.com/dbConnectionCheck.jar>

<https://docker-machine-test.s3.ap-south-1.amazonaws.com/dbConnectionProperties.properties>

2. Need to Create two separate containers one for java application and second one is postgresql database
3. Use below command to make java application to run.

```
java -DpropertyFileLocation=dbConnectionProperties.properties -jar dbConnectionCheck.jar
```

4. When I access the application on browser <http://serverip:9998> it should give below output.

← → ↻ ⓘ Not Secure | ec2-15-206-80-32.ap-south-1.compute.

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# Database Connected Successfully

Default db username is = postgres  
passwordfordb =madhupost

```
sudo docker run --name my-postgres -e POSTGRES_PASSWORD=madhupost -e  
POSTGRES_HOST_AUTH_METHOD=trust -d -p 5432:5432 postgres
```

```
postgres.jdbc.url=jdbc:postgresql://privateip_of_aws_instance:5432/postgres  
postgres.jdbc.username=postgres  
postgres.jdbc.password=madhupost
```

```
FROM openjdk  
ADD . .  
ENTRYPOINT java -DpropertyFileLocation=dbConnectionProperties.properties -jar  
dbConnectionCheck.jar
```

```
docker build -t dbapp .
```

```
docker run -d --name dbapp -p 9998:9998 dbapp
```