

Title: Eureka Client with Docker Compose

Post Body:

I am trying to containerize one of my microservices using docker.

Below is the dockerfile content

```
FROM openjdk:8-jdk-alpine LABEL maintainer='shardajaiswal@gmail.com' RUN mkdir -p /test/service/master/input/ RUN mkdir -p
```

I have created image using maven plugin successfully.

Now when I try to run the image using the below command on docker CLI the service is up and running fine

```
docker run -p 7070:8080 -e spring.cloud.config.username=username123 -e \spring.cloud.config.password=password123 -e \spring.cl
```

With above command from command line, its able to connect to config server and also able to register with Eureka.

Now I want to run the service using docker-compose.yml file since I want to add certain other parameters as well to the configuration.

My docker-compose.yml file looks like below:-

```
version: '3.0' services: master: container_name: master image: shardaspj:master-1.1-SNAPSHOT environment: SPRING_CLO
```

But on running the command docker-compose up on command line I am getting the below error and not able to connect to register on eureka and also not connecting to config server to fetch the configuration files.

```
master | 2018-07-18 11:18:51.867 WARN [master,,,] 1 --- [ main] c.n.d.s.t.d.RetryableEurekaHttpClient : Reque
```

Also down the logs getting error:-

```
2018-07-18 11:18:51.876 WARN [master,,,] 1 --- [ main] com.netflix.discovery.DiscoveryClient : Using default bac
```

Please help me with setting up the docker-compose.yml correctly.

Accepted Answer: None

Highest Rated Answer:

You are probably better off blanking out all the values for the environment variables in your docker-compose file and putting them in a .env file at the same level as your docker-compose file. The format of this file is key=value, one per line. That way you can re-use your compose file in different environments.

Then do a docker-compose config to see how the environment variables are plugged into your docker-compose set up.

I think the issue you have is you are missing hyphens. Instead of this:

```
environment: SPRING_CLOUD_CONFIG_USERNAME SPRING_CLOUD_CONFIG_PASSWORD SPRING_CLOUD_CONFIG_FAILFAST
```

You need something like this:

```
environment: - SPRING_CLOUD_CONFIG_USERNAME - SPRING_CLOUD_CONFIG_PASSWORD - SPRING_CLOUD_CONFIG_FAILFAST
```

Running docker-compose config after you've moved the values into .env will show if you've got it all working OK.