

Title: Docker - Problem with java netty_tcnative

Post Body:

I am trying to dockerize 4 services and I have a problem with one of the services. Particularly, this service is implemented is spring boot service and uses google vision API. When building the images and starting the containers everything works fine, until it gets to the part where the google vision API code is used. I then have the following runtime errors when running the containers:

```
netty-tcnative unavailable (this may be normal) java.lang.IllegalArgumentException: Failed to load any of the given libraries:
```

Complete log file of the error can be found in this link: [Complete Log File](#).

Here are my **docker-compose.yml** file and the **Dockerfile** of the service causing problem:

DockerFile

```
FROM maven:3.6.0-jdk-8-alpine WORKDIR /app/back COPY src src COPY pom.xml . RUN mvn clean package FROM openjdk:8-jdk-alpine R
```

docker-compose.yml

```
version: '3' services: front: container_name: demoLab_front build: ./front image: demolab/front:latest
```

EDIT

After some googling I found out that: GRPC Java examples are not working on Alpine Linux since required libnetty-tcnative-boringssl-static depends on glibc. Alpine is using musl libc and application startup will fail with message similar to mine. I found [this project](#) that try to build the right images but it seems broken for a lot of pepole (the build didn't work for my case)

Accepted Answer: None

Highest Rated Answer:

Problem solved by replacing this line of the Dockerfile:

```
FROM openjdk:8-jdk-alpine
```

with this line:

```
FROM koosiedemoer/netty-tcnative-alpine
```