

Title: Fabric8 Docker Maven plugin not working for compose.yml on Multi module project

Post Body:

I trying to use Fabric8 docker-maven-plugin, though I was successful in configuring plugin for individual module and run `docker:build` `docker:start` Maven goal without using docker-compose.yml, however I needed externalize ports and link the different module, hence I intended to use docker-compose.yml. Below is my project structure.

```
--kp-parent      |      --- docker-compose.yml      --- pom.xml      |      ---- rest1      |      |      |      |      -- .
```

Here are my configurations

**Dockerfile[both rest1 and rest2 use identical file except the different port]**

```
FROM openjdk:8-jdk-alpine MAINTAINER 'Karthik Prasad' ARG IMAGE_VERSION ARG JAR_FILE ENV JAVA_OPTS='' LABEL version = IMAGE_VERSION
```

**.maven-dockerignore[In both child modules identical file]**

```
target/**
```

**pom.xml [Both rest1 and rest2 pom files are same except the artifactid and name of the project]**

```
<?xml version='1.0' encoding='UTF-8'?> <project xmlns='http://maven.apache.org/POM/4.0.0' xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'>
```

**parent pom.xml**

```
<project xmlns='http://maven.apache.org/POM/4.0.0' xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance' xsi:schemaLocation='http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd'>
```

**And finally docker-compose.yml**

```
version: '2' services:  rest1:    image: kp-ms/rest1:0.0.1-SNAPSHOT    ports:      - 8000:8000  rest2:    image: kp-ms/res
```

When I run the `docker:build` `docker:start` I get below error.

```
[ERROR] Failed to execute goal io.fabric8:docker-maven-plugin:0.22.1:start (default-cli) on project rest1: I/O Error: Unable to connect to Docker daemon: java.io.IOException: No such file or directory
```

However If I remove rest2 section in docker-compose.yml, build goes fine and I'm able to find the container start successfully.

Another problem I noticed is that even if do not give image name in docker-compose.yml build fails with error image is null. However I'm not sure why I need to provide image can't the plugin map from plugin configuration as I had provided alias. As you can notice I'm trying to generate image name dynamically.

Accepted Answer: None

Highest Rated Answer: None