

Title: Unable to build docker image due to failed to process '\${project.artifactId}': missing ':' in substitution

Post Body:

I am trying to build a docker image for a maven project with the command: `mvn clean install -DskipTests -Pdocker`

I have the following **Dockerfile**:

```
FROM openjdk:8-jre ARG serviceuser=${project.artifactId} ##UPDATES AND INSTALL REQUIRED PACKAGES RUN apt-get update && \
```

The **pom.xml** file has some of the following contents: (Have made it shorter just for explanation)

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

When i build, it gives me the following error message...

Caused by: com.spotify.docker.client.exceptions.DockerException: failed to process '\${project.artifactId}': missing ':' in substitution

[ERROR] failed to process '**\${project.artifactId}**': missing ':' in substitution

**[INFO] BUILD FAILURE**

I would appreciate any hints or help, thank you.

Accepted Answer: None

Highest Rated Answer:

Docker throws this misleading error whenever you have certain non alpha-numeric characters in your variable name.

I assume that it is trying to interpret them as syntax to specify bash style [default value substitution](#).

To prevent this error, remove the character from your variable name.

In your example it is the `.` causing the error, for me it was a `-` which I had to replace with an `_`.