

Title: Installing maven in a docker build overrides JAVA 8 with JAVA 7(!)

Post Body:

It appears that maven overrides Java 8 with Java 7. Consider the following Dockerfile:

```
FROM java:8 RUN java -version && ls -l /usr/bin/java      RUN apt-get update -y && apt-get install maven -y RUN java -version &
```

Line two will report the java version is 1.8 **but line 4 will report java version is 1.7**. In both cases the `/usr/bin/java` symlink points to `/etc/alternatives/java`

Besides re-installing Java 8 (which is why I started with Java:8 in the first place), how can I undo these side-effects of installing maven when building a docker image?

Accepted Answer:

I found a minimal-delta solution although the point about not using apt-get for maven installs is noted. Here is the solution as the code

```
FROM java:8 # preserve Java 8 from the maven install. RUN mv /etc/alternatives/java /etc/alternatives/java8 RUN apt-get upda
```

Obviously, the last line is unnecessary but does confirm that the result is java 8.

Highest Rated Answer:

Your problem isn't Maven, it's some dumb decision made by the person who packaged Maven into a .deb for APT. Do not use Maven from a .deb. The Apache Maven project doesn't make these, doesn't know what's in them, and does not support them very much. Download the genuine tar.gz from maven.apache.org, it will happily work with whatever version of Java you've got.