

Title: How do I use the git commit id as a docker image tag in maven?

Post Body:

I'm trying to have docker images for a maven Java project built and pushed in the install and deploy phases respectively; and I'd like those images to be tagged with the current git commit id.

The problem that I am facing is that the [maven-git-commit-plugin](#) does not seem to export the `${git.commit.id.abbrev}` variable correctly for consumption in [docker-maven-plugin](#).

My parent `pom.xml` goes like this:

```
<?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' xsi:schemaLocation='http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd'>
```

And my plugins part of my module `pom.xml`:

```
<plugin>
    <groupId>com.spotify</groupId>
    <artifactId>docker-maven-plugin</artifactId>
```

I'm getting the following error:

```
[ERROR] Failed to execute goal com.spotify:docker-maven-plugin:0.3.8:build (docker-build) on project service: Exception caught
```

I've tried switching to [buildnumber-plugin](#) but I get the same kind of error (using `${buildNumber}` instead of `${git.commit.id.abbrev}`).

What I am missing? Is the docker plugin executing before the git commit id plugin sets the variables?

Accepted Answer: None

Highest Rated Answer:

I had a similar problem since I was invoking the plugin directly (I have not bound the plugin phases in my pom, so I have to invoke it explicitly):

```
mvn -f myModule/pom.xml docker:build -DforceTags -DpushImage
```

With the plugin conf:

```
<plugin>
    <groupId>com.spotify</groupId>
    <artifactId>docker-maven-plugin</artifactId>
    <configuration>
        <imageName>myImage</imageName>
    </configuration>
</plugin>
```

Since the [maven-git-commit-plugin](#) is bound to the initialize phase, I had to invoke that phase so the git plugin populated the property

```
mvn initialize -f myModule/pom.xml docker:build -DforceTags -DpushImage
```