

Title: Pass port number from docker-maven-plugin to spring property

Post Body:

I'm developing Spring Data JPA project that targets a MySQL database, and I want to run end-to-end integration tests from Maven.

So far, I've configured `io.fabric8.docker-maven-plugin` to spin up a MySQL container during `pre-integration-test` phase. It will use a random available port, which I need to pass to my `application.properties` file.

I've tried [Automatic property expansion using Maven](#) but I suspect that the `mysql.port` maven property is only getting resolved *after* the spring properties are getting updated.

pom.xml

```
<?xml version='1.0' encoding='UTF-8'?> <project xmlns='http://maven.apache.org/POM/4.0.0' xmlns:xsi='http://www.w3.org/200
```

application.properties

```
mysql.port = @mysql.port@
```

When I run my test I get a connection error, and when I inspect `target/classes/application.properties` I see that `@mysql.port@` hasn't been updated.

Any suggestions would be much appreciated.

Accepted Answer:

@ **only** works if you extend from `spring-boot-starter-parent`; you didn't show the relevant portions of your `pom.xml`. Assuming you did that, try attaching `reserve-network-port` to `process-sources` phase, **before** `process-resources`. It's very possible that when Maven copies the resources, the `reserve-network-port` hasn't ran yet.

What happens if you hardcode 3306 in `application.properties`?

Highest Rated Answer: None