

Title: How to set value from Maven to Docker Compose File

Post Body:

I have Docker Compose file with below info image: `${DOCKER_REGISTRY}/mdm-elasticsearch:${SEARCH_IMAGE_VERSION}`

I want to set the `SEARCH_IMAGE_VERSION` with value from POM or from command `mvn clean install -D {build number}`

Accepted Answer: None

Highest Rated Answer:

You have to configure the [Resources to have filtering set to true](#) and include your file. For example, if your Docker Compose file is located at `src/main/docker/docker-compose.yml`, you can have the following configuration in your pom.xml:

```
<project>    ...    <build>        ...        <resources>            <resource>                <directory>src/main/docker</directory>            </resource>        </resources>    </build>    </project>
```

You can then specify the parameters directly in your pom under `properties` such as

```
<project>    ...    <properties>        <DOCKER_REGISTRY>...</DOCKER_REGISTRY>        <SEARCH_IMAGE_VERSION>...</SEARCH_IMAGE_VERSION>    </properties>    </project>
```

Or directly on the command line:

```
mvn clean install -DDOCKER_REGISTRY=... -DSEARCH_IMAGE_VERSION=...
```

When you run `mvn` command every variable denoted with `${...}` will be filtered and replaced by their value configured in the pom or on command line. By default the output file will be copied in `target/classes/docker-compose.yml`

If you want to specify another output directory, you should configure a [Resources Plugin](#) execution and specify the `outputDirectory` such as:

```
<plugin>    <artifactId>maven-resources-plugin</artifactId>    <version>3.0.2</version>    <executions>
```

Note that will filter every files in the configured directory. If you need to only filter certain files, use the [include and exclude parameters](#).