

Title: Docker Automated build downloading private jars from a Maven Sonatype Nexus repository

Post Body:

I am building a development pipeline. The Docker images will be created automatically after a successful and tested version of my java application be deployed on a **private** Maven repository (Sonatype Nexus).

Once my application is built successfully, I need to publish it in somewhere, and Docker needs to have access to download it and create a container.

I thought on Docker accessing the Nexus Maven repository, but I did not find how can `wget` download a jar from a **private repository**. I did not found on Nexus documentation how I can pass authentication parameters to access a private URL. Does anyone know that?

PS: I also accept advice of easier solutions to accomplish this.

Accepted Answer:

I just discovered I can do it using `cURL`. Example:

```
curl -u username:password -o myapp.war 'http://nexus.mycompany.com/service/local/artifact/maven/redirect?r=snapshots&g=com.com
```

Where `-L` flag is to `cURL` accepts redirect (301 response).

So, in `docker-compose.yml` I have a line like this:

```
RUN curl -u username:password -o myapp.war 'http://nexus.mycompany.com/service/local/artifact/maven/redirect?r=snapshots&g=com
```

Highest Rated Answer:

If you are using maven

```
mvn dependency:copy -Dartifact=groupId:artifactId:version[:packaging][:classifier] -DoutputDirectory=[target] -Dusername=[user
```