

Title: Using Maven artifact in Google Cloud Docker build

Post Body:

I have a google cloud container build with the following steps

1. gcr.io/cloud-builders/mvn to run a mvn clean package cmd
2. gcr.io/cloud-builders/docker to create a docker image

My docker image includes and will run tomcat.

Both these steps work fine independently.

How can I copy the artifacts built by step 1 into the correct folder of my docker container? I need to move either the built wars or specific lib files from step 1 to the tomcat dir in my docker container.

Echoing out the /workspace and /root dir in my Dockerfile doesn't show the artifacts. I think I'm misunderstanding this relationship.

Thanks!

Edit:

I ended up changing the Dockerfile to set the WORKDIR to /workspace

and

```
COPY /{files built by maven} {target}
```

Accepted Answer: None

Highest Rated Answer:

The *working directory* is a persistent volume mounted in the **builder** containers, by default under /workdir. You can find more details in the documentation here <https://cloud.google.com/container-builder/docs/build-config#dir>

I am not sure what is happening in your case. But there is an example with a Maven step and a Docker build step in the documentation of the gcr.io/cloud-builders/mvn builder. https://github.com/GoogleCloudPlatform/cloud-builders/tree/master/mvn/examples/spring_boot. I suggest you compare with your files.

If it does not help, could you share your Dockerfile and cloudbuild.yaml. Please make sure you remove any sensitive information.

Also, you can inspect the working directory by running the build locally

https://cloud.google.com/container-builder/docs/build-debug-locally#preserve_intermediary_artifacts