



## II – Service « from scratch »

Contenu du fichier Dockerfile :

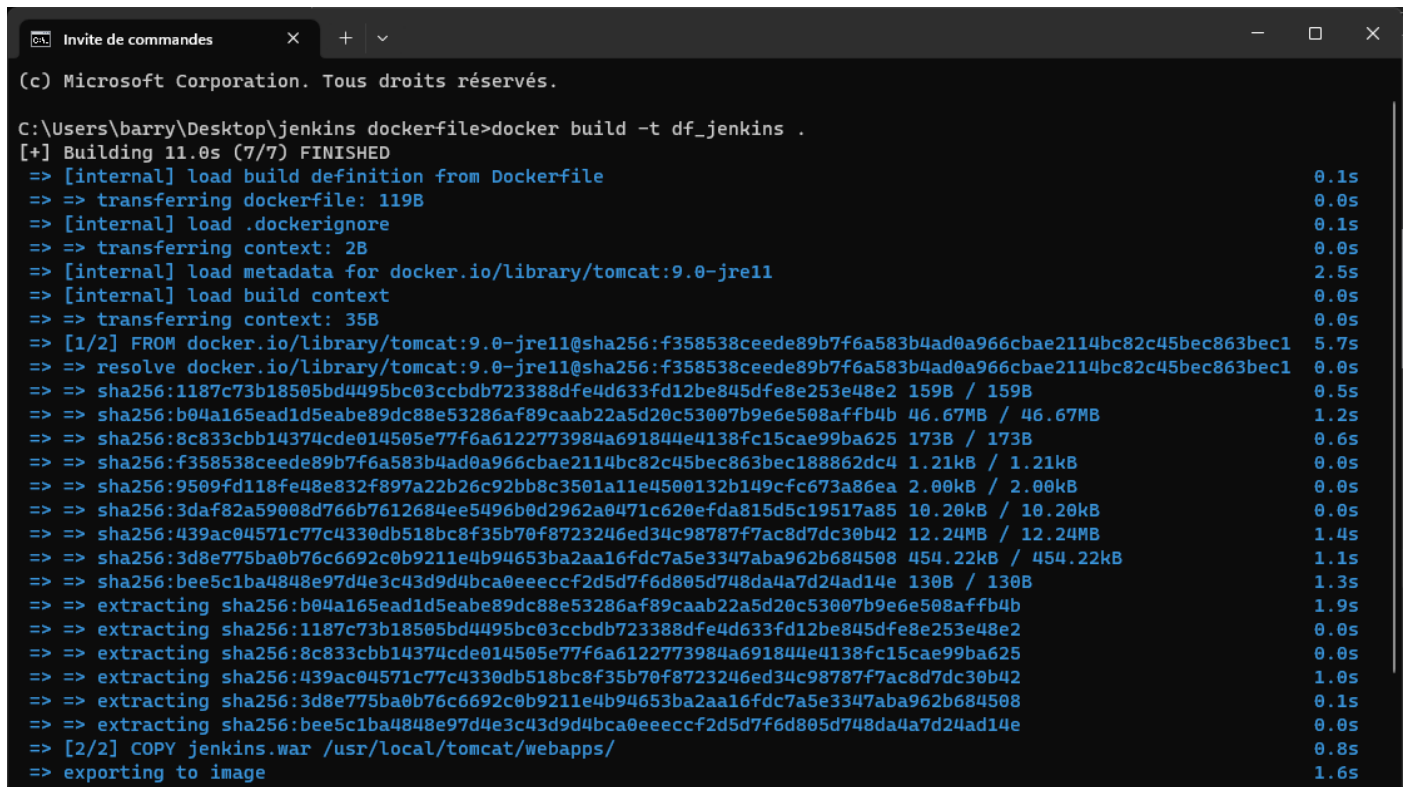
```
FROM tomcat:latest

COPY jenkins.war /usr/local/tomcat/webapps/

EXPOSE 8080
```

Puis on execute la commande :

**Docker build -t df\_jenkins .**



```
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C:\Users\barry\Desktop\jenkins dockerfile>docker build -t df_jenkins .
[+] Building 11.0s (7/7) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 119B                                              0.0s
=> [internal] load .dockerignore                                                0.1s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/tomcat:9.0-jre11             2.5s
=> [internal] load build context                                                0.0s
=> => transferring context: 35B                                                 0.0s
=> [1/2] FROM docker.io/library/tomcat:9.0-jre11@sha256:f358538ceede89b7f6a583b4ad0a966cbae2114bc82c45bec863bec1 5.7s
=> => resolve docker.io/library/tomcat:9.0-jre11@sha256:f358538ceede89b7f6a583b4ad0a966cbae2114bc82c45bec863bec1 0.0s
=> => sha256:1187c73b18505bd4495bc03ccbdb723388dfe4d633fd12be845dfe8e253e48e2 159B / 159B 0.5s
=> => sha256:b04a165ead1d5eabe89dc88e53286af89caab22a5d20c53007b9e6e508affb4b 46.67MB / 46.67MB 1.2s
=> => sha256:8c833cbb14374cde014505e77f6a6122773984a691844e4138fc15cae99ba625 173B / 173B 0.6s
=> => sha256:f358538ceede89b7f6a583b4ad0a966cbae2114bc82c45bec863bec188862dc4 1.21kB / 1.21kB 0.0s
=> => sha256:9509fd118fe48e832f897a22b26c92bb8c3501a11e4500132b149cfc673a86ea 2.00kB / 2.00kB 0.0s
=> => sha256:3daf82a59008d766b7612684ee5496b0d2962a0471c620efda815d5c19517a85 10.20kB / 10.20kB 0.0s
=> => sha256:439ac04571c77c4330db518bc8f35b70f8723246ed34c98787f7ac8d7dc30b42 12.24MB / 12.24MB 1.4s
=> => sha256:3d8e775ba0b76c6692c0b9211e4b94653ba2aa16fdc7a5e3347aba962b684508 454.22kB / 454.22kB 1.1s
=> => sha256:bee5c1ba4848e97d4e3c43d9d4bca0eeecf2d5d7f6d805d748da4a7d24ad14e 130B / 130B 1.3s
=> => extracting sha256:b04a165ead1d5eabe89dc88e53286af89caab22a5d20c53007b9e6e508affb4b 1.9s
=> => extracting sha256:1187c73b18505bd4495bc03ccbdb723388dfe4d633fd12be845dfe8e253e48e2 0.0s
=> => extracting sha256:8c833cbb14374cde014505e77f6a6122773984a691844e4138fc15cae99ba625 0.0s
=> => extracting sha256:439ac04571c77c4330db518bc8f35b70f8723246ed34c98787f7ac8d7dc30b42 1.0s
=> => extracting sha256:3d8e775ba0b76c6692c0b9211e4b94653ba2aa16fdc7a5e3347aba962b684508 0.1s
=> => extracting sha256:bee5c1ba4848e97d4e3c43d9d4bca0eeecf2d5d7f6d805d748da4a7d24ad14e 0.0s
=> [2/2] COPY jenkins.war /usr/local/tomcat/webapps/                          0.8s
=> exporting to image                                                            1.6s
```

Lorsque l'image est créer, on doit créer un container en exposant le port 8080.

**docker run --name container\_test -p 8080:8080 df\_jenkins**

```
Invite de commandes - docke x + v
17-May-2023 21:21:42.687 INFO [pool-6-thread-3] jenkins.InitReactorRunner$1.onAttained System config adapted
17-May-2023 21:21:42.688 INFO [pool-6-thread-4] jenkins.InitReactorRunner$1.onAttained Loaded all jobs
17-May-2023 21:21:42.693 INFO [pool-6-thread-14] jenkins.InitReactorRunner$1.onAttained Configuration for all jobs updated
17-May-2023 21:21:42.754 INFO [Download metadata thread] hudson.util.Retrier.start Attempt #1 to do the action check updates server
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.vmplugin.v7.Java7$1 (file:/usr/local/tomcat/webapps/jenkins/WEB-INF/lib/groovy-all-2.4.21.jar) to constructor java.lang.invoke.MethodHandles$Lookup(java.lang.Class,int)
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v7.Java7$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
17-May-2023 21:21:43.868 INFO [Finalizing set up] jenkins.install.SetupWizard.init

*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

e324fc64ff98448b8980de1e07f2e7c0

This may also be found at: /root/.jenkins/secrets/initialAdminPassword

*****
*****
*****
```

