

Running the docker using docker file and pushing the image into docker hub

```
Terminal + [power] [close] [settings]
Downloaded: https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6/jdom2-2.0.6.jar (298 KB at 59.8 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-util/7.0-beta/asm-util-7.0-beta.jar (79 KB at 15.5 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.1.1/jdependency-2.1.1.jar (182 KB at 35.5 KB/sec)
Downloaded: https://repo.maven.apache.org/maven2/com/google/guava/guava/19.0/guava-19.0.jar (2255 KB at 267.5 KB/sec)
[INFO] Replacing main artifact with repackaged archive
[INFO] --- spring-boot-maven-plugin:2.1.7.RELEASE:repackage (default) @ cicc-pipeline ---
[INFO] Replacing main artifact with repackaged archive
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 04:15 min
[INFO] Finished at: 2020-07-22T07:27:17+00:00
[INFO] Final Memory: 38M/245M
[INFO] -----
$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: pradeepmurjwani
Password:
Login Succeeded
$ [cursor]
```

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```
Terminal + [power] [close] [settings]
Sending build context to Docker daemon 41.42 MB
Step 1/7 : FROM openjdk:8-jdk-alpine
8-jdk-alpine: Pulling from library/openjdk
e7c96db7181b: Pull complete
f910a506b6cb: Pull complete
c2274a1a0e27: Pull complete
Digest: sha256:94792824df2df33402f201713f932b58cb9de94a0cd524164a0f2283343547b3
Status: Downloaded newer image for openjdk:8-jdk-alpine
--> a3562aa0b991
Step 2/7 : EXPOSE 8081
--> Running in 7130a5c80fd6
--> 68fbf1f88a24
Removing intermediate container 7130a5c80fd6
Step 3/7 : ARG JAR_FILE=target/*.jar
--> Running in 93a5179a1930
--> 6df466d55e3f
Removing intermediate container 93a5179a1930
Step 4/7 : COPY ${JAR_FILE} app.jar
--> a7959a271abd
Removing intermediate container 5f93d8a2e9f8
Step 5/7 : RUN echo "Creation of your docker image is in progress, please hold on for a moment"
--> Running in 9a4bbd169d4b
Creation of your docker image is in progress, please hold on for a moment
--> 76d74f73529c
Removing intermediate container 9a4bbd169d4b
Step 6/7 : ENTRYPOINT java -jar app.jar
--> Running in 4423e5e8139b
--> 44eaf65d052a
Removing intermediate container 4423e5e8139b
Step 7/7 : MAINTAINER "shubhamkushwahi123@gmail.com"
--> Running in 8ebf025ebb74
--> 058fd71854ec
Removing intermediate container 8ebf025ebb74
Successfully built 058fd71854ec
$ [cursor]
```

```
Terminal +
$ docker run -p 8081:8081 -d pradeepmurjwani/mycicd-demo:0.1
a053ffc11105cb52682ffed7930c7448923f21bb89063c14f8c8210fd970372f
$ curl http://localhost:8081
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>DevOps World</title>

</head>
<body style="background-color:aqua;text-align:center">
<h1>Congratulations!!! Welcome to the World of DevOps</h1>
</body>
</html>$
```

Terminal +

```
$ docker push pradeepmurjwani/cicd-demo:0.1
The push refers to a repository [docker.io/pradeepmurjwani/cicd-demo]
An image does not exist locally with the tag: pradeepmurjwani/cicd-demo
$ docker push pradeepmurjwani/mycicd-demo:0.1
The push refers to a repository [docker.io/pradeepmurjwani/mycicd-demo]
568f79403b5c: Pushed
ceaf9e1ebef5: Mounted from library/openjdk
9b9b7f3d56a0: Mounted from library/openjdk
f1b5933fe4b5: Mounted from library/openjdk
0.1: digest: sha256:86a545a9e88d82e6024c2f068ac0612482e23aacfe9bf1403f8787a1ef94916a size: 1159
```

Docker Hub

hub.docker.com

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pradeepmurjwani Search by repository name... Create Repository

pradeepmurjwani / mycicd-demo Updated a few seconds ago ☆ 0 ↓ 1 Public