How to run maven project in command line ?

Ans:

1st: get project folder into root in command line

2nd : dir ( this command gives all the folder available in this project)

3rd: start . ( it will open the project in its place)

4th: mvn install ( it install the maven dependency in project)

5th : java -jar target/<path of building jar>

Note: Building jar will come up when we do mvn install . it will also create target folder and under target folder it will generate the jar file for the project .

6th : to stop project : control+C

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How to run maven springboot application in Kubernetes or minikube cli

After : minikube start

We need to sync our minikube with docker :

eval $(minikube docker-env)

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1st : clone the project into linux or Kubernetes server

2nd : mvn clean package -- > it will compile the whole code including “test cases “

3rd mvn install -Dmaven.test.skip=true -- > it will skip the test cases and compile

4th: prepare Dockerfile

docker build -t <any name for image> . 🡪 it will create the docker image in same directory by the help of Dockerfile

5th: prepare deployment and service file

kubectl create -f <deployment or service yaml file> -- > it will create the deployment and service

6th: But dockerhub repo and minikube are hosted in different port or host so deployment and service will not get its image from dockerrepo --- >

That’s why use to pull docker image in minikube :

Minikube image load <image name>:latest

* - > and only create deployment and service orelse it will through imagepulloff error

mysql:5.7