DOCKERFILE

Install tomcat on ubuntu

1. Pull ubuntu from dockerhub :: FROM
2. Install java :: RUN
3. Create/opt/tomcat directory ::RUN
4. Change work directory to/opt/tomcat ::WORKDIR
5. Download tomcat packages ::ADD/RUN
6. Extract tar.gz file ::RUN
7. Rename to tomcat directory ::RUN
8. Tell to docker that it runs on port 8080 ::EXPOSE
9. Start tomcat service ::CMD

To create a dockerfile

FROM :ubuntu

RUN apt update -y

RUN apt install java openjdk-11-jdk -y

RUN mkdir /opt/tomcat­­­­­­­­­­

WORKDIR /opt/tomcat

ADD [apache tomcat download google in google copy 7paste here]

RUN tax zxf apache-tomcat-9.0.78.tar.gz

RUN mv apache-tomcat-9.0.78.tar.gz/\* /opt/tomcat

EXPOSE 8080

[[If use or not =COPY ./webapp.var /opt/tomcat.webapp]]

CMD [“/opt/tomcat/bin/catlina.sh”,”run”]

Commands

docker build . -t mytomcat

docker images

docker run -it -p 81:80 --name mytomcat -d ubuntu

to create a dockerfile

FROM centos:7

RUN yum update -y

RUN yum install java -y

RUN mkdir /opt/tomcat

WORKDIR /opt/tomcat

ADD [apache tomcat download google in google copy 7paste here]

RUN tax zxf apache-tomcat-9.0.78.tar.gz

RUN mv apache-tomcat-9.0.78.tar.gz/\* /opt/tomcat

EXPOSE 8080

[[If use or not =COPY ./webapp.var /opt/tomcat.webapp]]

CMD [“/opt/tomcat/bin/catlina.sh”,”run”]

Commands

Docker bulid . -t mtserver

docker images

docker run -it -p 82:80 --name mytomcat1 -d ubuntu