Jenkins Shell - Draft File

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cd /var/lib/jenkins/workspace/docker-sample/

sudo docker run --rm -v "$(pwd)":/tmp/maven -w /tmp/maven mvn:3.6 mvn clean install

sudo docker build -t webapp:2.0 /home/ec2-user/NTTProject/hello-world

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App tomcat Dockerfile

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FROM tomcat:8-jre8

RUN rm -rf /usr/local/tomcat/webapps/\*

COPY /var/lib/jenkins/workspace/docker-sample/webapp/target/webapp.war /usr/local/tomcat/webapps/ROOT.war

EXPOSE 8080

CMD ["catalina.sh", "run"]

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Maven

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For Maven Image

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FROM ubuntu:latest

ENV MAVEN\_VERSION 3.5.4

ENV DISPLAY :99

USER root

RUN apt-get update -qqy \

&& apt-get install -y openjdk-8-jdk wget && \

rm -rf /var/lib/apt/lists/\*

#RUN apt-get install -y wget

RUN wget -O- http://archive.apache.org/dist/maven/maven-3/$MAVEN\_VERSION/binaries/apache-maven-$MAVEN\_VERSION-bin.tar.gz | tar xzf - -C /opt \

&& mv /opt/apache-maven-$MAVEN\_VERSION /opt/maven \

&& ln -s /opt/maven/bin/mvn /usr/bin/mvn

ENV MAVEN\_HOME /opt/maven

EXPOSE 9090

#CMD ["mvn"]

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Command to execute maven build images

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docker run -it --rm -v "$(pwd)":/tmp/maven -w /tmp/maven mvn:1.0 mvn clean install

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For Tomcat Image

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FROM tomcat:8-jre8

RUN rm -rf /usr/local/tomcat/webapps/\*

COPY webapp/target/webapp.war /usr/local/tomcat/webapps/ROOT.war

EXPOSE 8080

CMD ["catalina.sh", "run"]

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Command to run Docker Tomcat Image

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docker run -d -p 7070:8080 gameoflife:1.0