FROM centos7  
MAINTAINER jason "jason@139.com"  
  
#安装JDK  
RUN mkdir /var/tmp/jdk  
RUN wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-securebackup-cookie"  -P /var/tmp/jdk http://download.oracle.com/otn-pub/java/jdk/8u111-b14/jdk-8u111-linux-x64.tar.gz  
RUN tar xzf /var/tmp/jdk/jdk-8u111-linux-x64.tar.gz -C /var/tmp/jdk  
RUN rm -rf /var/tmp/jdk/jdk-8u111-linux-x64.tar.gz  
  
#安装tomcat  
RUN mkdir /var/tmp/tomcat  
RUN wget -P /var/tmp/tomcat http://mirrors.hust.edu.cn/apache/tomcat/tomcat-8/v8.5.8/bin/apache-tomcat-8.5.8.tar.gz  
RUN tar xzf /var/tmp/tomcat/apache-tomcat-8.5.8.tar.gz -C /var/tmp/tomcat  
RUN rm -rf /var/tmp/tomcat/apache-tomcat-8.5.8.tar.gz  
  
#安装maven  
RUN mkdir /var/tmp/maven  
RUN wget -P /var/tmp/maven  http://apache.fayea.com/maven/maven-3/3.3.9/binaries/apache-maven-3.3.9-bin.tar.gz  
RUN tar xzf /var/tmp/maven/apache-maven-3.3.9-bin.tar.gz -C /var/tmp/maven  
RUN rm -rf /var/tmp/maven/apache-maven-3.3.9-bin.tar.gz  
  
#设置环境变量  
ENV JAVA\_HOME /var/tmp/jdk/jdk1.8.0\_111  
ENV CATALINA\_HOME /var/tmp/tomcat/apache-tomcat-8.5.8  
ENV M2\_HOME /var/tmp/maven/apache-maven-3.3.9  
ENV PATH $PATH:$JAVA\_HOME/bin:$CATALINA\_HOME/bin:$M2\_HOME/bin  
  
#打包项目并拷贝到tomcat webapps目录  
RUN mkdir /var/tmp/webapp  
ADD ./ /var/tmp/webapp  
RUN cd /var/tmp/webapp && mvn package && cp /var/tmp/webapp/target/CIJD.war /var/tmp/tomcat/apache-tomcat-8.5.8/webapps  
  
#开启内部服务端口  
EXPOSE 8080  
  
#启动tomcat服务器  
CMD ["./var/tmp/tomcat/apache-tomcat-8.5.8/bin/catalina.sh","run"]