

Lab 10 Dockerfile to create Tomcat Server

Tomcat 8.5.99 (Older version)

```
1 FROM centos:latest
2
3 MAINTAINER students@towardsdevops.com
4
5 RUN mkdir /opt/tomcat/
6
7 RUN cd /etc/yum.repos.d/
8 RUN sed -i 's/mirrorlist/#mirrorlist/g' /etc/yum.repos.d/CentOS-*
9 RUN sed -i 's|#baseurl=http://mirror.centos.org|baseurl=http://vault.centos.org|g' /etc/yum.repos.d/CentOS-*
10
11
12 RUN yum update -y
13 RUN yum install -y wget
14
15 WORKDIR /opt/tomcat
16 RUN wget https://dlcdn.apache.org/tomcat/tomcat-8/v8.5.99/bin/apache-tomcat-8.5.99.tar.gz
17 RUN tar xvfz apache*.tar.gz
18 RUN mv apache-tomcat-8.5.99/* /opt/tomcat/.
19 RUN yum -y install java
20 RUN java -version
21
22 WORKDIR /opt/tomcat/webapps
23 RUN curl -O -L https://github.com/reposforlabs/wars-to-deploy/raw/main/sample.war
24
25 EXPOSE 8080
26
27 CMD ["/opt/tomcat/bin/catalina.sh", "run"]
```

Build Image

```
1 docker build -t custom-tomcat-centos .
```

Run the container

```
1 docker run -itd --name tomcat-centos -p 8080:8080 custom-tomcat-centos:latest
```

Access Tomcat

<http://13.79.225.96:8080/>