

Title: Run a maven webapp in a docker container

Post Body:

I'm trying to build a simple web app with Maven and run with Tomcat7, inside a Docker container.

This is my structure:

```
- Dockerfile - pom.xml - src/main/webapp/index.html
```

This is my Dockerfile:

```
FROM java:8 # Install maven RUN apt-get -y update && apt-get install -y maven WORKDIR /code # Prepare by downloading depend
```

I'm building the Docker image with

```
docker build -t webapp-example .
```

and try to run it with

```
docker run -d -p 8080:8080 webapp-example
```

But apparently it doesn't work.

Any ideas?

Accepted Answer:

Since you shared running using tty and interactive flag like following solves your problem,

```
docker run -ti --rm -p 8080:8080 webapp-example
```

That is because your base image is [java:8](#) which is primarily created to run application in front mode (with -ti flag) or compile only in -d mode.

Also, since maven is build tools and should not be used to run application, you should,

1. Create you webapp using maven:latest image.
2. Deploy it separately as tomcat container using official [tomcat image](#).

Highest Rated Answer: None