

Title: Write to file in Java App running on Docker

Post Body:

## Background

I am trying to create a compiler web service, so a user could post code written in some language I made a compiler for, then it would compile, run, and return the printed results. My second iteration involves using Docker images to isolate the running of the code POST'ed into my running web server.

## Problem

I am trying to write the posted code to a text file to run my compiler on it, but my compiler is failing on trying to create a file. My file paths should be correct, and my other test route is working. Here is some demo code that I'm trying to run, but fails:

```
try (Writer writer = new BufferedWriter(new OutputStreamWriter(  
                                                                    new FileOutputStream('/raw/compile-source.sla
```

In my Dockerfile that I'm using to start this, I have created the /raw directory, if it matters. I'm imagining that Docker doesn't want Java processes to create arbitrary files. Any thoughts? Below is my Dockerfile.

## My Dockerfile

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

Accepted Answer:

I had CMD and RUN confused. I only need to have the final

```
mvn exec:java
```

in a CMD block, but the others needed to be runs. This is my final output. I also omitted getting scala. :)

```
FROM java:8 # Install Scala ENV SCALA_HOME /usr/local/share/scala ENV PATH $PATH:$SCALA_HOME/bin ENV SCALA_VERSION 2.11.8 R
```

Thank you everyone for responding and helping me out.

Highest Rated Answer: None