

Title: How do i wait for a db container to be up before my spring-boot app starts

Post Body:

I have a spring-boot app which talks to couchbase. I build the spring app as a docker image. There are some preconditions that need to be fulfilled in couchbase set up in order for the app to run. When I run my couchbase image first and then run my spring-boot app image everything runs fine. However, I need this to be automated and run from a docker-compose file meaning by a single docker-compose up command I should be able to run the couchbase image first, configure it with all presettings and then start to run the spring-boot app. I ran into quite a few discussion threads, but unfortunately I am not able to make it work somehow. I tried using cmd and entripoint, but without success. Here is my docker-compose file

```
version: '2' services:  expensetracker-cb:      image: chakrar27/expensetracker-cb      command: sh test_hello.sh      ports:
```

In fact it doesn't trigger the test_hello.sh at all. Here's the dockerfile for the spring-boot expensetracker app

```
FROM frovlad/alpine-oraclejdk8:slim VOLUME /tmp ADD expensetracker-cb-0.1.0.jar app.jar RUN sh -c 'touch /app.jar' ENTRYPOINT
```

Can someone please help?

Accepted Answer: None

Highest Rated Answer:

Ok...I could get it working by including the script in the Dockerfile of the app container. Not the best solution because I feel waiting code should not be part of the container itself. Also, I need to find a way to wait for the couchbase cluster to be up and running with sample buckets and include that in the script or the couchbase container itself. For now though this work-around works for me. Here's the dockerfile contents

```
FROM frovlad/alpine-oraclejdk8:slim VOLUME /tmp ADD expensetracker-cb-0.1.0.jar app.jar RUN sh -c 'touch /app.jar' ADD test_h
```