

Title: GitLab CI & Docker: wait till docker-compose up is finished

Post Body:

I'm trying to build a CI Pipeline with Gitlab CI/CD. My project is a really simple API based on Symfony. To create a consistent environment i'm using docker-compose with four very simple containers (nginx,PHP,MySQL & composer). My .gitlab-ci.yaml looks like this:

```
stages:      - setup
setup:       stage: setup
before_script: - docker-compose up -d
script:      - sleep 15
            - docker
```

The problem I'm encountering is that the ci script does not wait till the `docker-compose up -d` is finished. To bypass this I've added this stupid sleep.

Is there a better way to do this?

Accepted Answer: None

Highest Rated Answer:

To save some time for the people searching it, I implemented the solution commented by @gbrener.

**The idea:** Wait until getting the log that shows that the container is up, then continue the pipeline.

1 - Get the log to be the checkpoint. I used the last log of my container. Ex: Generated backend app.

2 - Get the container name. Ex: ai-server-dev.

3 - Create a sh script like the below and name it something.sh. Ex:

```
#!/bin/bash while ! docker logs ai-server-dev --tail=1 | grep -q "Generated backend app"; do sleep 10 echo "Waiting fo
```

4 - Replace the 'sleep 15' with 'sh wait\_server.sh' as in the question to run the script in your pipeline.