

Docker Exercise

General

In this exercise you are required to create a mini topology of 2 Docker containers.

Criteria for Success

These are the criteria for success, by importance:

- (1) It works.
- (2) Code is clean.
- (3) Improvement suggestions make sense

Tasks

- (1) You are required to spin 2 Docker containers:
 - Timeservice – displays current time on port 8081
 - Loggerservice – displays a usage log on port 8082

Description of each service below.

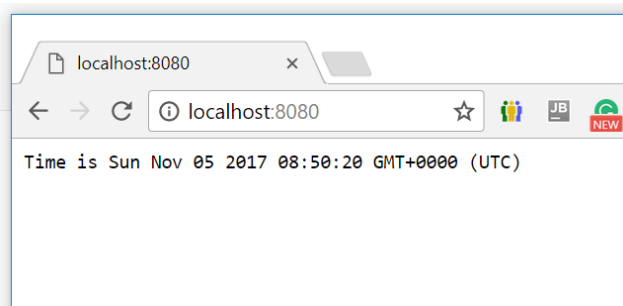
- (2) The topology should be started using single “`docker-compose up`” command in ~
- (3) Write a `~/suggestions.txt` file with a list of improvements you would do if you had more time, **ordered by priority**

All sources should be under `~/test`. There are no limitations on the technology you use inside docker container – use what makes you efficient.

Timeservice

A web server that:

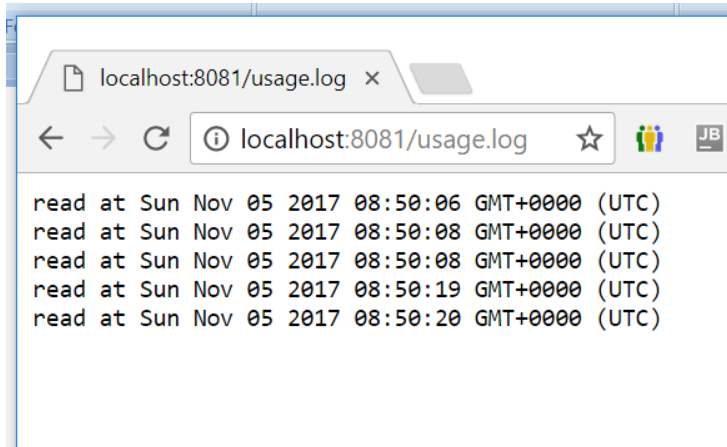
- (1) Returns a simple screen with the current time:



- (2) Logs each such use to loggerservice (Note: this is not the web servers' access.log)

Loggerservice

A web server that displays the content of the usage log mentioned previously on route `/usage.log`:



Submission

Hand your machine for inspection.

Tester will execute `docker-compose up -d` from `~/test` - so make sure it works before submitting!