

1 Lab16. Docker Compose 환경변수 우선순위

1. Dockerfile vs docker-compose

1) Dockerfile에 환경변수 추가하기

```
$ vim dockerfile
FROM nginx:latest

RUN ["chmod", "755", "/usr/share/nginx/html"]
RUN ["chmod", "644", "/usr/share/nginx/html/index.html"]
COPY ./index.html /usr/share/nginx/html/

ENV TEST hello
```

2) index.html 생성하기

```
$ nano index.html
<font size='7' color='green'>Hello Docker Compose</font>
```

3) docker-compose.yml에 환경변수 추가

```
$ vim docker-compose.yml
version: '3'
services:
  nginx:
    build:
      context: .
      dockerfile: ./dockerfile
    ports:
      - 8000:80
    environment:
      - TEST=world
```

4) build

```
$ docker-compose up -d --build
```

5) bash 실행

```
$ docker-compose run nginx bash
/# echo $TEST
world
```

6) 즉, docker-compose의 환경변수의 값으로 최종 적용됨.

2. docker-compose vs run 옵션

1) docker-compose의 run 옵션

```
$ docker-compose run -e TEST=morning nginx bash
/# echo $TEST
morning
```

2) 즉, docker-compose의 run 옵션의 값이 최종적으로 적용됨.