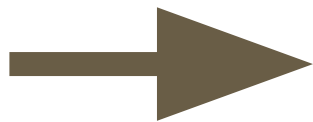
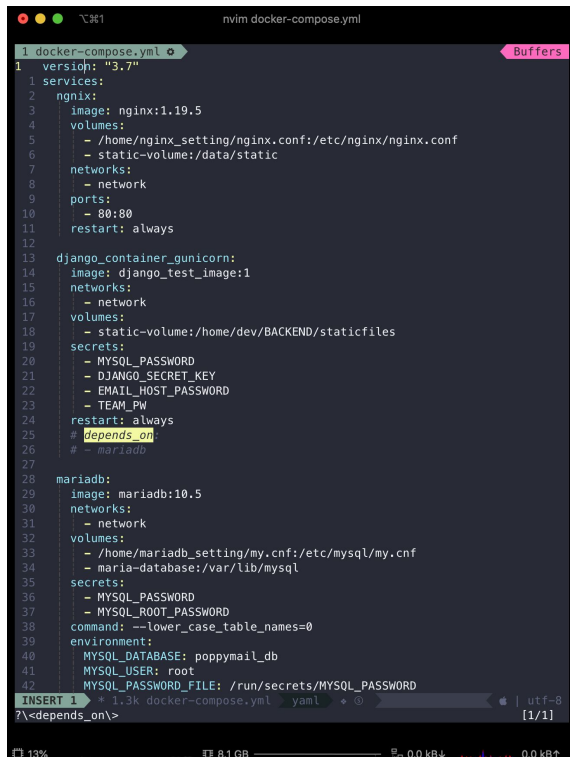

depends_on 옵션

의존성 옵션 미적용 vs 적용 비교 by
portainer

의존성 관계

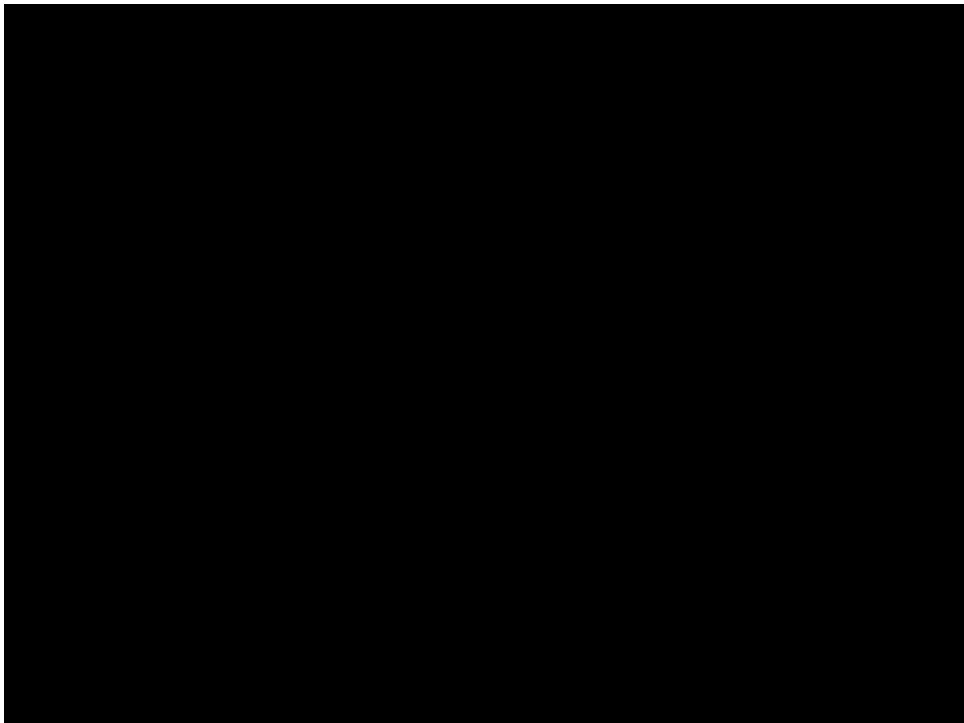


depends_on 미적용



```
1 docker-compose.yml
1  version: "3.7"
2  services:
3    nginx:
4      image: nginx:1.19.5
5      volumes:
6        - /home/nginx_setting/nginx.conf:/etc/nginx/nginx.conf
7        - static-volume:/data/static
8      networks:
9        - network
10     ports:
11       - 80:80
12     restart: always
13
14   django_container_gunicorn:
15     image: django_test_image:1
16     networks:
17       - network
18     volumes:
19       - static-volume:/home/dev/BACKEND/staticfiles
20     secrets:
21       - MYSQL_PASSWORD
22       - DJANGO_SECRET_KEY
23       - EMAIL_HOST_PASSWORD
24       - TEAM_PW
25     restart: always
26     # depends_on
27     # - mariadb
28
29   mariadb:
30     image: mariadb:10.5
31     networks:
32       - network
33     volumes:
34       - /home/mariadb_setting/my.cnf:/etc/mysql/my.cnf
35       - maria-database:/var/lib/mysql
36     secrets:
37       - MYSQL_PASSWORD
38       - MYSQL_ROOT_PASSWORD
39     command: --lower_case_table_names=0
40     environment:
41       MYSQL_DATABASE: poppymail_db
42       MYSQL_USER: root
43       MYSQL_PASSWORD_FILE: /run/secrets/MYSQL_PASSWORD
44
45 INSERT 1 * 1.3k docker-compose.yml  yaml * 0 | utf-8
46 ?\<depends_on\>
```

depends_on 미 적용



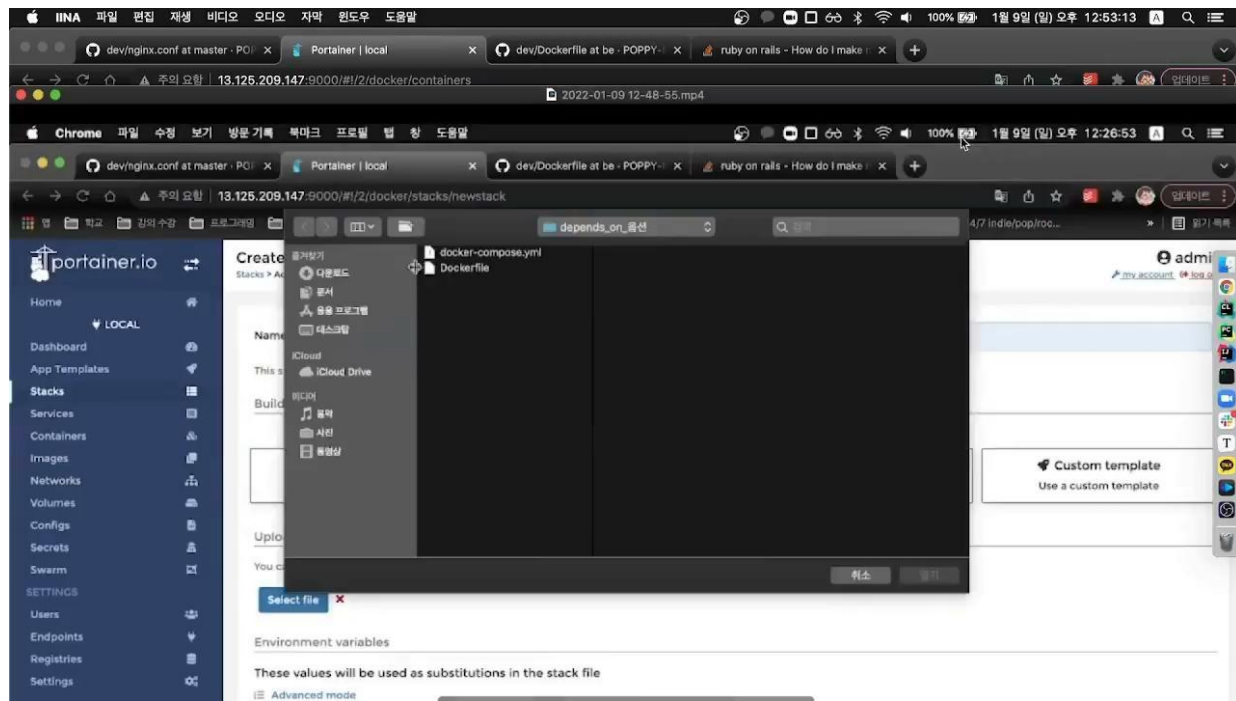
depends_on 적용

```
nvim docker-compose.yml

1 docker-compose.yml
25 version: "3.7"
24 services:
23   nginx:
22     image: nginx:1.19.5
21     volumes:
20       - /home/nginx_setting/nginx.conf:/etc/nginx/nginx.conf
19       - static-volume:/data/static
18     networks:
17       - network
16     ports:
15       - 80:80
14     restart: always
13
12   django_container_gunicorn:
11     image: django_test_image:1
10     networks:
9       - network
8     volumes:
7       - static-volume:/home/dev/BACKEND/staticfiles
6     secrets:
5       - MYSQL_PASSWORD
4       - DJANGO_SECRET_KEY
3       - EMAIL_HOST_PASSWORD
2       - TEAM_PW
1     restart: always
26     depends_on:
1       - mariadb
2
3   mariadb:
4     image: mariadb:10.5
5     networks:
6       - network
7     volumes:
8       - /home/mariadb_setting/my.cnf:/etc/mysql/my.cnf
9       - maria-database:/var/lib/mysql
10     secrets:
11       - MYSQL_PASSWORD
12       - MYSQL_ROOT_PASSWORD
13     command: --lower_case_table_names=0
14     environment:
15       MYSQL_DATABASE: poppy_mail_db
16       MYSQL_USER: root
17       MYSQL_PASSWORD_FILE: /run/secrets/MYSQL_PASSWORD

VISUAL 1 - 1.3k docker-compose.yml yml utf-8
```

depends_on 적용



결론

- depends_on 옵션은 종속성 순서대로 컨테이너 서비스를 **시작**할 수 있게 한다.
- 해당 옵션으로 컨테이너 서비스의 시작 순서를 컨트롤 하더라도, **ready 상태**까지 **다다르는 시간**은 다를 수 있어서 의도한대로 동작하지 않을 수는 있다.
- 위에서 언급한 부분 까지 컨트롤 하려면? => healthcheck
 - <https://docs.docker.com/compose/compose-file/compose-file-v2/#dependson>