* docker 설치후 확인 작업.　　　　　[I]

① docker - v

② docker version

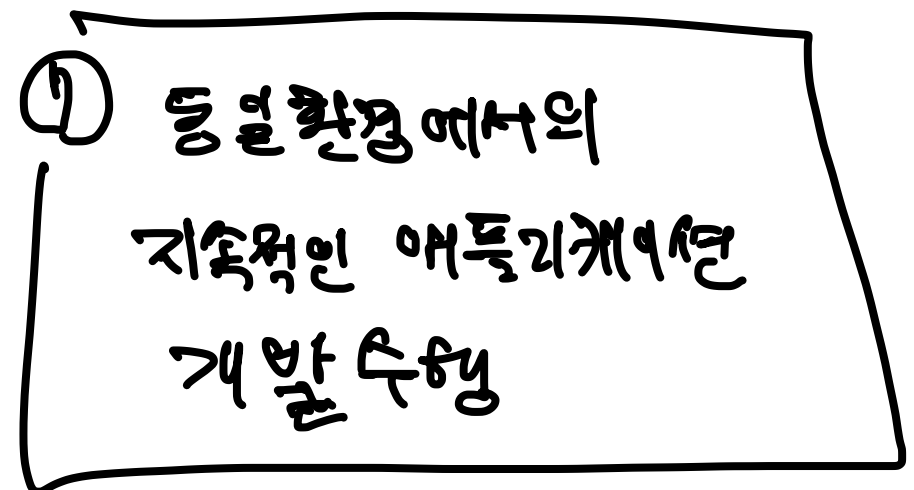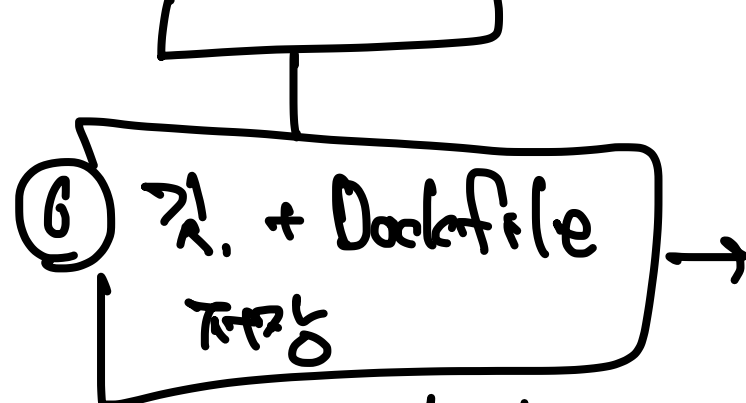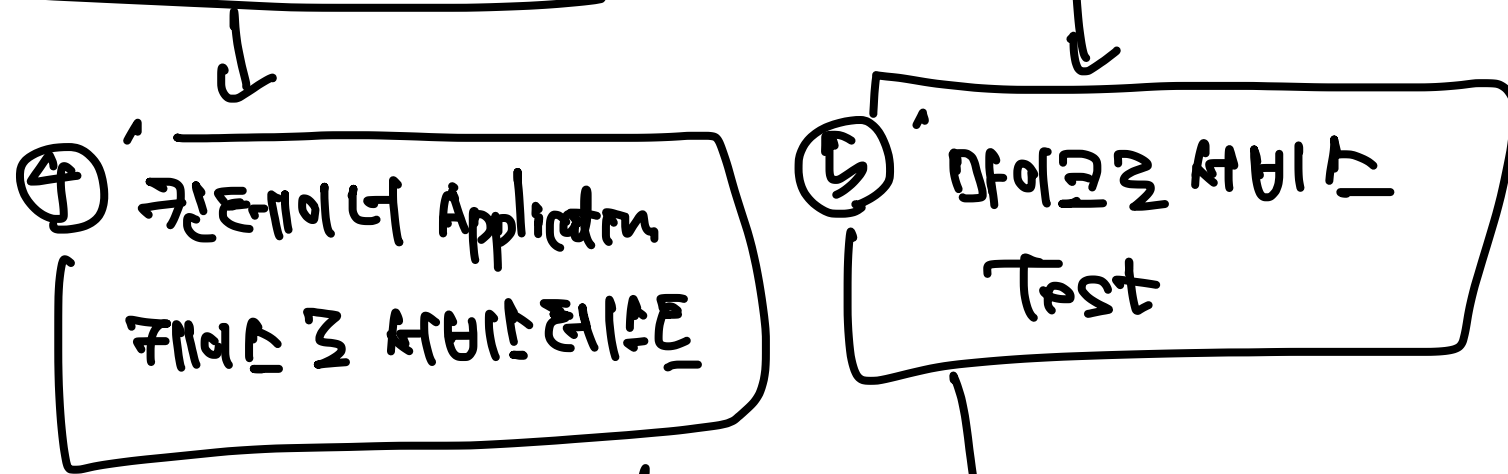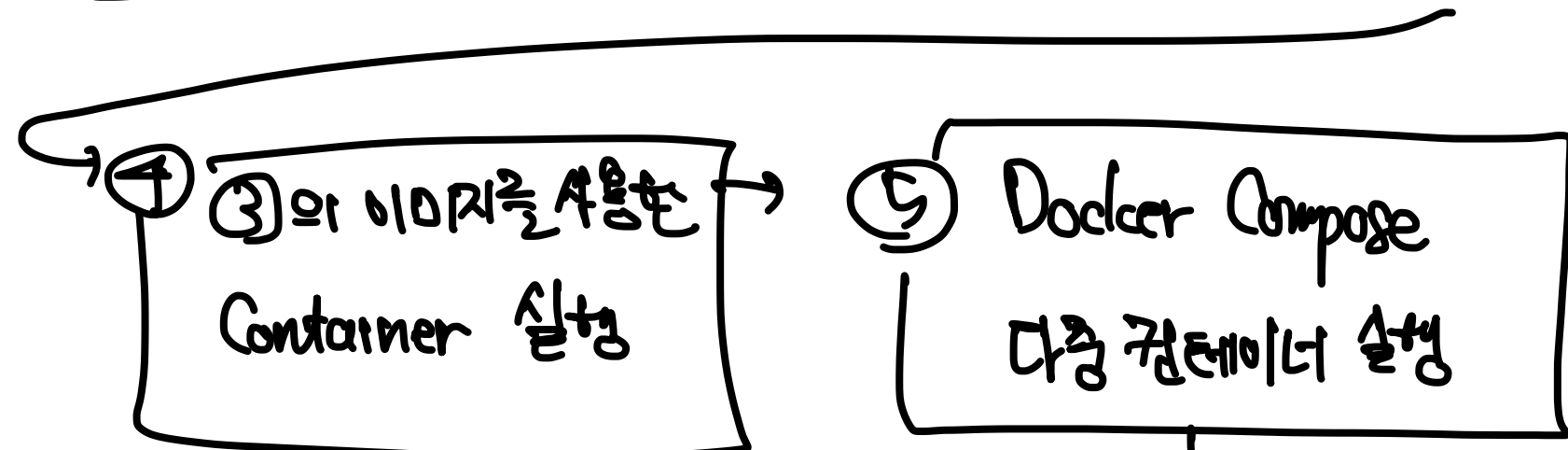③ docker info

④ docker system df　　(- v)

⑤ docker system events

　　　　　　　　　　　--filter 'event = start'

　　　　　　　　　　　-- filter 'event = stop'

　　　　　　　　　　　--filter 'container = [container_name]'

[Ⅱ]

① Application 코드 개발 → ② Base Image를 이용한 Dockerfile → ③ Docker Build로 새로운 이미지 생성

④ ③의 이미지를 사용한 Container 실행 → ⑤ Docker Compose 다중 컨테이너 실행

④' 컨테이너 Application 케이스로 서비스 테스트

⑤' 마이크로 서비스 Test

⑥ 깃. + Dockefile 저장 → ⑦ 동일환경에서의 지속적인 애플리케이션 개발 수행
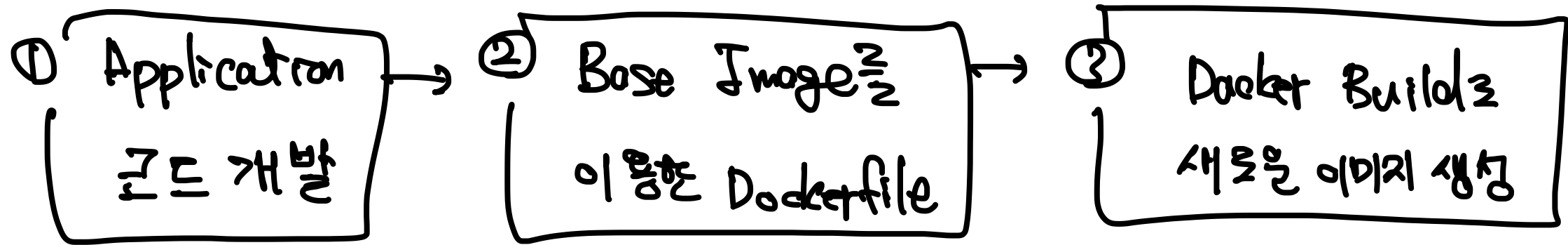
* Ioc (Infrastructure as Code)
\# 변경 불가능한 Infra \#

Dockerfile →build→ Save → local server → **image** → push → **@Dockerhub** / **Registry**

docker login

ls
run
tag
inspect
history

pull

load

search

Commit

run
create
exec
attach

Git

Container

inspect
PS
logs
top
start

export

import

fileManger

stop
pause
unpause
restart
kill
rm

[Ⅲ]

github

Automated Build
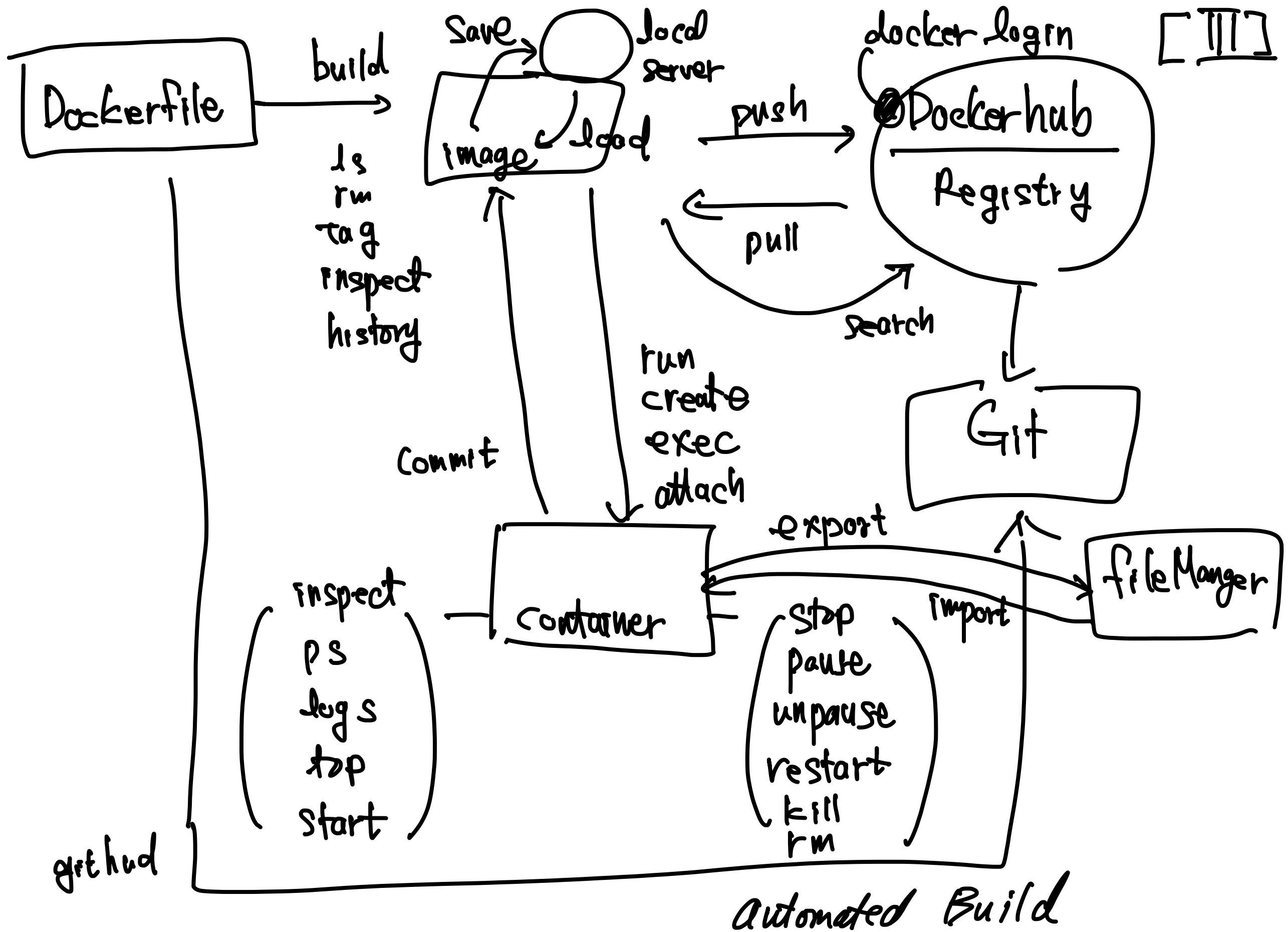
```
*  docker images
   docker pull nginx          ←——— Docker hub에서 image 가져옴.
*
   docker image ls

                                              ↪ detached
   docker run --name mynginx  -p 8000:80 -d nginx

   docker ps
              ←—— host에서 web 접속   http://localhost:8000

   docker exec -it mynginx /bin/bash

   [ find / -name index.html   2> /dev/null ]

   docker cp mynginx:/usr ————      index.html
   [수정 index.html]
   docker cp index.html mynginx:/ ————   .
   docker commit mynginx mynginx_image

   docker images
```

· docker ps

docker stop mynginx

docker start mynginx

docker ps -a

docker rm mynginx

docker rm -f mynginx

docker run --name mynginx - p 8000:80 -d mynginx. image

국가톡 Test
——————— *.