

# Docker

```
docker ps -a
docker run -it -rm <container> bash
whoami
exit
```

Command	Description
run <image>[:tag] [command]	run container/image
<b>Basic</b>	
-it	-interactive and -tty
-rm	remove container
-d	run in background
-v [host-folder]:[container-folder]	add volume
stop <name/id>     ^ Extended ^^   -name [name]   define container name     -e <env>, -env-file <env-file>   add env     -h <hostname>   set hostname     -m <memory>   set memory limit     -network,=none   disable network     stop \$(docker ps -a -q)   stop all containers     docker rm \$(docker ps -a -q)   rm all containers     volume rm \$(docker volume ls -q)   rm all images   ^ Compose ^^   compose up   down [-d]   ^ Others ^^   search <searchword>   search registry     search -f is-official=true <sw>       search -f stars=100 <sw>     ===== Docker commit ===== docker commit [OPTIONS] CONTAINER_ID_OR_NAME [REPOSITORY[:TAG]]   -m "message"   Commit message     -a "author"   Author name     -c: <instructions>   Applies Dockerfile instructions   ^ workflow^^   docker ps -a       docker commit -m "did something" <current_container> <custom_image:v#>     ===== Network =====   docker network create <name>       docker run -itd -network=<name> <image>       docker network create -subnet 10.0.2.0/24 <name>       docker run -itd -network=<name> -ip=10.0.0.69 <image>"	