

# Docker compose info for task understanding

Grayed out means possibly not needed this time.

## docker-compose.yml YAML file information

<https://docs.docker.com/compose/compose-file/compose-file-v3/>

<https://docs.docker.com/compose/compose-file/compose-file-v3/#ports>

ports: host:container // host is e.g. your computer

<https://docs.docker.com/compose/compose-file/compose-file-v3/#environment>

([https://docs.docker.com/compose/compose-file/compose-file-v3/#env\\_file](https://docs.docker.com/compose/compose-file/compose-file-v3/#env_file))

[https://docs.docker.com/compose/compose-file/compose-file-v3/#depends\\_on](https://docs.docker.com/compose/compose-file/compose-file-v3/#depends_on)

## docker-compose command

docker-compose up // setup and start all services defined in the docker-compose.yml

docker-compose stop // stop the services. This time in reversed dependency order compared to 'up'

## docker exec command information

<https://docs.docker.com/engine/reference/commandline/exec/>

docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

docker exec -it kafka /folderX/folderY/script.sh --optionsHer --moreOptions 3

Only run on top of the running container => does not stay for restart of the container.

docker exec -ti kafka sh -c "echo a && echo b" // works, sh is executable with 'options'

-i Keep STDIN open even if not attached

-t Allocate a pseudo-TTY