Linking and working with multiple containers to perform a single operation.

Links allow docker container to discover each other and securely transfer information from one container to another.

When you create a link you create a conduit between a source container and a recipient

Syntax :-

# docker run --name “Container name” –link (Name-of-the-container:image) -d (current-image that you want to run as a container and link)

Note :- In order to pass environment variable while creating the container from an image you can do that by using (-e) flag.

Docker Compose

Compose is a tool for defining and running multi-container Docker applications. With compose you create a compose file which has all the configuration related to all containers and then you run one single command and that would start all the containers.

Docker compose it’s easy to check the status and logs of a running container or all the containers.

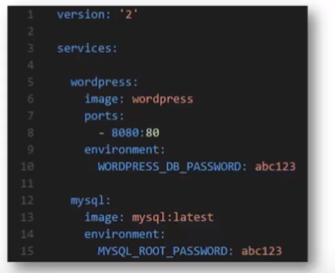
# docker-compose <$logs> 🡪 will show the logs of all the container

# docker-compose <$logs> <$Name-of-service> 🡪 Will show the logs of the specific container running the service

# docker-compose stop 🡪 Would stop all the containers

Docker compose file is a configuration file where you would define all the different configuration as you do with the CLI

It is a .YML file



In order to run a docker file you should navigate to the directory where you have docker-compose.yml file and run # docker-compose up

In case you want to mention the docker compose file which is somewhere else we use -f flag with the directory and the name of the file.