Exercise Worksheet

[www.vomtom.at](http://www.vomtom.at)

# From the Course: Understanding Docker Run, Dockerfile, Docker-Compose for Beginners

## Understanding, creating and using networks in docker-compose.yml

This exercise is here to showcase a typical network configuration and segregation using docker-compose.yml.

There are service-level and top-level network definitions. The service level is for “which network does this service join”. The top-level for “how does the network look like”.

Let’s use this docker-compose.yml file:



* Creates one network called “app2\_net”, top-level, last line, without any further configuration. It will be a bridge network.
* Attaches container app1 to the network

docker-compose up

* Starts the container

<http://localhost:8080>

* Observe the output

On a second terminal

docker ps

* Get the container information

docker inspect app1

* Observe the networking part!

Close the second terminal

exit

Back to terminal 1:

ctrl+c

* Stops the docker-compose

docker-compose rm

* cleanup