Exercise Worksheet

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

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

## Your first Dockerfile Step by Step

Let’s create this Dockerfile:



And also this index.php file in the same directory:



Now go into the folder where the Dockerfile is located at.

docker build -t myphpapp .

* “build” builds a new image
* -t is a tagging. In this case “myphpapp”, you can later find it.
* “.” is telling where the Dockerfile is located at

docker run myphpapp

* Should print out “hello world” with two line breaks
* Ends the container immediately, the process “php index.php” has finished
* “CMD php index.php” opens this upon spin up of the container

docker image ls

* List all the images
* See on top your newly created image

docker ps -a

* List the containers

docker rm container\_identifier

* Remove the container from the myphpapp

docker rmi myphpapp

* rm**i** will delete an image
* And all depending images if they are not necessary anymore