Exercise Worksheet

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

## Using a PHP Dev-Server inside a Container with a Dockerfile

Change the Dockerfile from the previous example to:



Then run the command:

docker build -t myphpapp .

* Will rebuild the image and tag it again as “myphpapp”
* Will overwrite the old one
* Will copy the index.php to a new directory /myproject
* Will run “php -S 0.0.0.0:8000” and serve the content of /myproject on port 8000
* CMD will take an array and run a command. Every parameter must be in a separate array element, so: CMD [“command”,”param1”, “param2”, …]

docker run --name myphp-container -p 8080:8000 myphpapp

* Will run spin up the image “myphp” which we generated
* Will forward port 8000 in the container to port 8080 on the host
* <http://localhost:8080> should bring up the hello world

ctrl+c

* to stop the container
* Mind on Windows: The container is still running in the background.

docker rm -f myphp-container

* To remove the container: cleanup

docker rmi myphpapp

* Remove the myphpp image again