

# Exercise Worksheet

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

From the Course:

Understanding Docker Run, Dockerfile, Docker-Compose for Beginners

Learn to use docker-compose.yml with volume mounting for instant updates

Let's remove the Dockerfile and just use an "index.php" and a "docker-compose.yml" file.

The docker-compose.yml file looks like this:

```
version: '3'

services:
  phpapp:
    image: php:7.2-apache
    ports:
      - "8080:80"
    volumes:
      - "./:/var/www/html"
```

And the index.php file looks like this:

```
<?php

echo "hello world \n\n";
```

And then start your new environment

```
docker-compose up
```

- It will read the docker-compose.yml file
- It will start apache with php7.2
- It will mount the current directory to /var/www/html *dynamically*
- It will mount port 80 of the container to port 8080 on the host

Open <http://localhost:8080> and you should see the contents of the index.php

Let's change "hello world" in the index.php to "hello docker" and save it.

Then reload your browser.

You should see the change reflected immediately and your browser should display "hello docker".

```
ctrl-c
```

- End the container

```
docker-compose rm
```

- Remove the unnecessary containers