

## Step 1: Static HTTP server with apache httpd

### Dockerfile

For our php webserver we've decided to use the official php docker image. As such, we specify the image with the FROM instruction :

```
FROM php:7.2-apache
```

We're setting the working directory to our root directory. This way, we don't need to specify the directory in future docker instructions

```
WORKDIR /var/www/html
```

We have created a source folder for the files of our site. The COPY instruction allows us to copy those files in the root of our server within the docker-image's filesystem.

```
COPY src/ .
```

At this point if we try to contact our webserver we are met with a forbidden error message. To fix this issue, we execute the chmod command on the files to give read and execution rights to all the users.

```
RUN chmod -R 555 ./*
```

### Apache Configuration