

WP2 – first docker image

Bonus

In order to continue the work package 1, pull an Oracle image (docker-oracle-xe-11g:alexeiled) and a java image(OpenJDK).

Creating simple images

- Write a program in python that print helloWorld at screen.
- Create a Docker image able to run this program.
- Do the same thing in Java.
- Complexify your program using library dependencies (for example numpy in python)

Analyse and explain each step of Dockerfile example in file lesson 2.

Docker Hub

Create a public account on Docker site to store and share your images. Create a public repository on your account.

Now, on local, log to your account:

```
docker login --username=myName --email=name@gmail.com"
```

You can push an image on Docker Hub with command push:

```
docker push myAccount/myRepository:myImageTag
```

Where:

myAccount = your account on docker Hub

myRepository = your repository name

myImageTag = Tag/name of your local image

nota: Don't forget to tag your image with command docker tag.