Docker

Docker build images

```
192:demo men666anas$ docker build -t demo .
[+] Building 3.3s (8/8) FINISHED
192:demo men666anas$
```

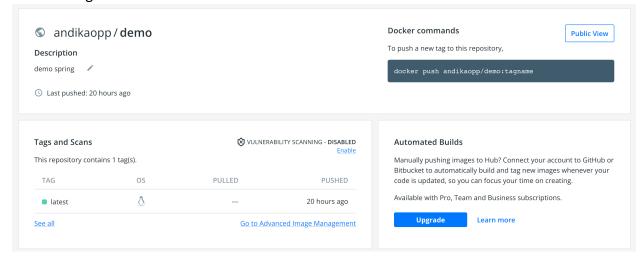
Docker run container di local

```
192:demo men666anas$ docker run -n 8080:8080 demo
       2022-08-04 04:24:29.833 INFO 1 --- [ main] com.example.demo.DemoApplication on 8f43adfa0a53 with PID 1 (/demo.jar started by root in /) 2022-08-04 04:24:29.848 INFO 1 --- [ main] com.example.demo.DemoApplication
                                                                                                                                                                                                             : Starting DemoApplication v0.0.1-SNAPSHOT using Java 1.8.0_342
                                                                                                                                                                                                             : No active profile set, falling back to 1 default profile: "def
                                                                                                      main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
main] o.g.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
main] o.s.c.c.C.[Tomcat]
i Starting Servlet engine: [Apache Tomcat/9.0.65]
main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2536 m
2012-08-04 04:24:32.229 INFO 1 ---
2022-08-04 04:24:32.290 INFO 1 ---
2022-08-04 04:24:32.291 INFO 1 ---
2022-08-04 04:24:32.598 INFO 1 ---
2022-08-04 04:24:32.598 INFO 1 ---
                                                                                                       main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''main] com.example.demo.DemoApplication : Started DemoApplication in 4.487 seconds (JVM running for 8.12
2022-08-04 04:24:33.116 INFO 1 ---
2022-08-04 04:24:33.126 INFO 1 ---
```

Docker tag and push to repository

```
192:demo men666anas$ docker tag demo andikaopp/demo
192:demo men666anas$ docker push andikaopp/demo
Using default tag: latest
The push refers to repository [docker.io/andikaopp/demo]
4d356638bf14: Layer already exists
6b5aaff44254: Layer already exists
553a0b163e9795: Layer already exists
553a0b163e9795: Layer already exists
5626401ef603: Layer already exists
9b55156abf26: Layer already exists
9b55156abf26: Layer already exists
83127cdb479b: Layer already exists
83127cdb479b: Layer already exists
83127cdb479b: Layer already exists
83127cdb479b: Layer already exists
18125cdbf365: Layer already exists
1827cdb479b: Layer already exists
```

Docker images di docker hub



Running docker di play-with docker

```
WARNING!!!!
 This is a sandbox environment. Using personal credentials
 is HIGHLY! discouraged. Any consequences of doing so are
 completely the user's responsibilites.
 The PWD team.
node1] (local) root@192.168.0.13 ~
 docker images
REPOSITORY
            TAG
                     IMAGE ID
                                CREATED
                                         SIZE
 node1] (local) root@192.168.0.13 ~
 docker pull andikaopp/demo
Using default tag: latest
latest: Pulling from andikaopp/demo
001c52e26ad5: Pull complete
d9d4b9b6e964: Pull complete
2068746827ec: Pull complete
9daef329d350: Pull complete
d85151f15b66: Pull complete
52a8c426d30b: Pull complete
8754a66e0050: Pull complete
f23644f2e06a: Pull complete
Digest: sha256:dafc53a8cfb27c80829808509d2edaf96a0fd0a45da8fc4be981f1a767cf16a2
Status: Downloaded newer image for andikaopp/demo:latest
docker.io/andikaopp/demo:latest
 node1] (local) root@192.168.0.13 ~
```

```
← → C A Not Secure | ip172-18-0-78-cbkkdobcukq0009hau6g-8080.direct.labs.play-with-docker.com/api/v1/users

{"code":200,"data":["budi","budi","budi"],"message":"success"}
```