TP 1 Mise en pratique – Docker

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3. Exécuter un serveur web (apache, nginx, …) dans un conteneur docker

b. Vérifier que cette image est présente en local

```
root@mxchaellevesque:/home/mxchaellevesque/TP/tp-docker# docker images
REPOSITORY      TAG       IMAGE ID       CREATED        SIZE
httpd           latest    d54056386fbb   6 days ago     138MB
hello-world     latest    feb5d9fea6a5   3 weeks ago    13.3kB
```

```
Dockerfile > ...
1    FROM nginx:alpine
2
3    COPY . /usr/share/nginx/html
```

```
root@devops:/home/nicolas/Documents/TP_Docker# docker build -t webserver-image:v1 .
Sending build context to Docker daemon  3.072kB
Step 1/2 : FROM nginx:alpine
alpine: Pulling from library/nginx
a0d0a0d46f8b: Pull complete
4dd4efe90939: Pull complete
c1368e94e1ec: Pull complete
3e72c40d0ff4: Pull complete
969825a5ca61: Pull complete
61074acc7dd2: Pull complete
Digest: sha256:686aac2769fd6e7bab67663fd38750c135b72d993d0bb0a942ab02ef647fc9c3
Status: Downloaded newer image for nginx:alpine
 ---> 513f9a9d8748
Step 2/2 : COPY . /usr/share/nginx/html
 ---> 80ad7497d4ed
Successfully built 80ad7497d4ed
Successfully tagged webserver-image:v1
root@devops:/home/nicolas/Documents/TP_Docker#
```

```
root@devops:/home/nicolas/Documents/TP_Docker# curl docker
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved <a href="http://www.ynov.com/">here</a>.</p>
</body></html>
root@devops:/home/nicolas/Documents/TP_Docker#
```

```
root@devops:/home/nicolas/Documents/TP_Docker# docker container ls -a
CONTAINER ID   IMAGE      COMMAND    CREATED    STATUS     PORTS      NAMES
root@devops:/home/nicolas/Documents/TP_Docker# docker container ls -aq
```

```
Dockerfile > ...
  1    FROM nginx:1.11-alpine
  2    COPY index.html /usr/share/nginx/html/index.html
  3
```

```
root@devops:/home/nicolas/Documents/TP_Docker# docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
b380bbd43752: Extracting  27.14MB/27.14MB
f23cbf2ecc5d: Download complete
30cfc6c29c0a: Download complete
b38609286cbe: Download complete
8211d9e66cd6: Download complete
2313f9eeca4a: Download complete
7eb487d00da0: Download complete
4d7421c8152e: Download complete
77f3d8811a28: Downloading  105.2MB/105.2MB
cce755338cba: Download complete
69b753046b9f: Download complete
b2e64b0ab53c: Download complete
write /var/lib/docker/tmp/GetImageBlob611565323: no space left on device
root@devops:/home/nicolas/Documents/TP_Docker#
```

```
root@devops:/home/nicolas/Documents/TP_Docker# docker pull phpmyadmin
Using default tag: latest
latest: Pulling from library/phpmyadmin
7d63c13d9b9b: Already exists
24b15dfd3cfa: Pull complete
64625c2e355f: Pull complete
275a8dd8f358: Pull complete
eb1c8ccc797a: Pull complete
0aaf98f0c33a: Pull complete
e6e7c544c3e3: Pull complete
4ae870a5fb80: Pull complete
98833c4f4a49: Pull complete
f1a6af6bf10a: Pull complete
a56ec4dacea3: Pull complete
ab49679021a9: Pull complete
62d224267322: Pull complete
20de7b0d5e81: Pull complete
eef69dbc2fb5: Pull complete
39d092f35c5f: Pull complete
df059cec6d6e: Pull complete
e9c0cac16937: Pull complete
Digest: sha256:fd543ac9f348e19c968b8e240b66859d0d68ceb3b1febefd501e2b28d7c5ea1a
Status: Downloaded newer image for phpmyadmin:latest
docker.io/library/phpmyadmin:latest
root@devops:/home/nicolas/Documents/TP_Docker#
```