

Exercise Worksheet

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From the Course:

Understanding Docker Run, Dockerfile, Docker-Compose for Beginners

Create an Image and upload it to Docker-Hub

Use this Dockerfile:

```
FROM alpine
```

```
RUN apk update && apk add curl
```

```
ENTRYPOINT [ "curl" ]
```

Run

```
docker build -t mycurl .
```

- This will build an image

```
docker image ls
```

- List the images

```
docker run --rm mycurl www.google.com
```

- Should output the HTML from the google website

```
docker login
```

- Login to Docker-Hub
- If you don't have a user-name then create one first
- Remember your username! Let's assume it is "myUser123"

```
docker tag mycurl myUser123/mycurl:latest
```

- Tag your image with "username/repository:tag" -> "myUser123/mycurl:latest"

```
docker image ls
```

- Lists also the new image as well, with the same container ID

```
docker push myUser123/mycurl:latest
```

- Pushes the image to docker hub

```
docker rmi mycurl
```

- Remove the "mycurl" image

```
docker rmi myUser123/mycurl:latest
```

- Remove the myUser123/mycurl:latest image as well

```
docker run --rm myUser123/mycurl:latest www.google.com
```

- It will download the image again from docker hub from your public repository

```
docker rmi myUser123/mycurl:latest
```

- cleanup