

# Docker Registry

## Creating a local registry

> vi docker-compose.yml

### docker-compose.yml

```
version: '3.0'
services:
  registry:
    image: registry:2
    container_name: registry
    ports:
      - '5000:5000'
    volumes:
      - $HOME/registry:/var/lib/registry
```

> docker-compose up

## Accessing the local registry

By default the username and password are 'username' and 'password'

Login to your registry

> docker login -u username -p password localhost:5000

## Pushing images to your local registry

To push your images to a registry, you must first tag the image with the address of your registry:

> **docker tag <image>:<tag> localhost:5000/<image>:<tag>**

Once you have tagged your image, you can push it

> **docker push localhost:5000/<image>:<tag>**

example:

```
$ docker tag registry:2 localhost:5000/myreg:mytag
```

```
$ docker push localhost:5000/myreg:mytag
```

```
The push refers to repository [localhost:5000/myreg]
```

```
6b263b6e9ced: Pushed
```

```
dead8a13b621: Pushed
```

```
00a8ff67f927: Pushed
```

```
2b7bd2eefde2: Pushed
```

```
a120b7c9a693: Pushed
```

```
mytag: digest: sha256:a25e4660ed5226bdb59a5e555083e08ded157b1218282840e55d25add0223390 size: 1364
```

