

Flask - Docker Compose

Make sure you're in the same directory as the Dockerfile

```
cd ~/Projects/MobyDock/mobydock
```

Investigate the Docker Compose help menu

```
docker-compose --help
```

Run Docker Compose by launching everything in one go

```
docker-compose up
```

[open a 2nd terminal tab with CTRL+Shift+T]

Confirm the newly downloaded images

```
docker images
```

Confirm the newly running containers with Docker

```
docker ps
```

Confirm the newly running containers with Docker Compose

```
docker-compose ps
```

Create the PostgreSQL database

```
docker exec mobydock_postgres_1 createdb -U postgres mobydock
```

[^] If you see that it already exists, that's ok.

Create the database user and grant permissions onto the database

```
docker exec mobydock_postgres_1 psql -U postgres -c "CREATE USER
mobydock WITH PASSWORD 'yourpassword'; GRANT ALL PRIVILEGES ON
DATABASE mobydock to mobydock;"
```

[^] If you see that it already exists, that's ok.

[^] If you changed the database name, username or password in the `config/settings.py` file you will need to adjust the files in both this command as well as the `docker-compose.yml` file.

Visit the /seed route in the xubuntu's web browser

<http://localhost:8000/seed>

Feed MobyDock until you get bored

<Keep reloading your browser>

[Go back to the 1st terminal tab]

Hit CTRL+C to exit Docker Compose and see if everything shut down

```
docker ps
```

[^] If you see anything, this is an edge case bug with Docker Compose.

Ensure the containers get stopped

```
docker-compose stop
```

Install git

```
sudo apt-get install git
```

Configure git

```
git config --global user.email "you@example.com"
```

```
git config --global user.name "Your Name"
```

[^] Customize the text in blue with whatever you want.

Create a git repo out of the project

```
git init && git add -A && git commit -m "Initial commit"
```