

```

yolsuh@lenovo:~$ docker build .
[+] Building 67.6s (5/9)
=> [internal] load build definition from Dockerfile 1.1s
=> => transferring dockerfile: 319B 0.2s
=> [internal] load .dockerignore 1.2s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/ubuntu:16.04 0.1s
=> [1/6] FROM docker.io/library/ubuntu:16.04 3.7s
=> [2/6] WORKDIR /mydir 2.1s
=> [3/6] RUN apt-get update 59.0s
=> => # Get:16 http://archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [10.9 kB]
=> => # Get:17 http://archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [12.7 kB]
=> => # Get:18 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [8820 B]

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yolsuh@lenovo:~$ docker-compose build
Building youtube-dl-ubuntu
[+] Building 3.4s (10/10) FINISHED
=> [internal] load build definition from Dockerfile 1.2s
=> => transferring dockerfile: 319B 0.0s
=> [internal] load .dockerignore 1.6s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/ubuntu:16.04 0.0s
=> [1/6] FROM docker.io/library/ubuntu:16.04 0.0s
=> CACHED [2/6] WORKDIR /mydir 0.0s
=> CACHED [3/6] RUN apt-get update 0.0s
=> CACHED [4/6] RUN apt-get install -y curl python 0.0s
=> CACHED [5/6] RUN curl -L https://yt-dl.org/downloads/latest 0.0s
=> CACHED [6/6] RUN chmod a+x /usr/local/bin/youtube-dl 0.0s
=> exporting to image 1.0s
=> => exporting layers 0.0s
=> => writing image sha256:b031ed3e60e61e348190daaebb9cf76f31 0.1s
=> => naming to docker.io/suhrab/suhrab 0.1s

```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

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yolsuh@lenovo:~$

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yolsuh@lenovo:~$ docker-compose push
Pushing youtube-dl-ubuntu (suhrab/suhrab:latest)...
The push refers to repository [docker.io/suhrab/suhrab]
342ce25d6a9f: Preparing
1e62bc9c4457: Preparing
6e79fcd79454: Preparing

```

```
yolsuh@lenovo:~$ docker-compose up
Creating network "yolsuh_default" with the default driver
Creating yolsuh_youtube-dl-ubuntu_1 ... done
Attaching to yolsuh_youtube-dl-ubuntu_1
youtube-dl-ubuntu_1 | WARNING: Assuming --restrict-filenames since
youtube-dl-ubuntu_1 | file system encoding cannot encode all characters. Set the LC_ALL env
youtube-dl-ubuntu_1 | ronment variable to fix this.
youtube-dl-ubuntu_1 | Usage: youtube-dl [OPTIONS] URL [URL...]
youtube-dl-ubuntu_1 |
youtube-dl-ubuntu_1 | youtube-dl: error: You must provide at least
youtube-dl-ubuntu_1 | ne URL.
youtube-dl-ubuntu_1 | Type youtube-dl --help to see a list of all
youtube-dl-ubuntu_1 | tions.
```

```
yolsuh@lenovo:~$ mkdir whoami
yolsuh@lenovo:~$ ls
Dockerfile  docker-compose.yml  whoami
yolsuh@lenovo:~$ cd whoami
yolsuh@lenovo:~/whoami$ vi docker-compose.yml
yolsuh@lenovo:~/whoami$ docker-compose up -d
Creating network "whoami_default" with the default driver
Pulling whoami (jwilder/whoami):...
latest: Pulling from jwilder/whoami
605ce1bd3f31: Extracting [=====
=====>] 1.992MB/1.992MB
42dfabe11397: Download complete
=====>] 2.038MB/2.189MB
```

```
yolsuh@lenovo:~/whoami$ curl localhost:8000
I'm cfec480a849a
```

```
yolsuh@lenovo:~$ docker-compose up --scale whoami=3
Starting yolsuh_youtube-dl-ubuntu_1 ... done
Attaching to yolsuh_youtube-dl-ubuntu_1
youtube-dl-ubuntu_1 | WARNING: Assuming --restrict-filenames since
youtube-dl-ubuntu_1 | file system encoding cannot encode all characters. Set the LC
youtube-dl-ubuntu_1 | ronment variable to fix this.
youtube-dl-ubuntu_1 | Usage: youtube-dl [OPTIONS] URL [URL.]
youtube-dl-ubuntu_1 |
youtube-dl-ubuntu_1 | youtube-dl: error: You must provide a
youtube-dl-ubuntu_1 | ne URL.
```

```
yolsuh@lenovo:~/whoami$ docker-compose port --index 1 whoami 8000
0.0.0.0:8000
```

```
yolsuh@lenovo:~$ docker-compose up -d --scale whoami=3
Starting yolsuh_youtube-dl-ubuntu_1 ... done
```

```
yolsuh@lenovo:~$ docker-compose up -d --scale whoami=3
Starting yolsuh_youtube-dl-ubuntu_1 ... done
```