



### Step 3

Analyze docker-compose.yml

\$ cat docker-compose.yml

```
[ec2-user@ip-172-31-50-64 counter-app]$ cat docker-compose.yml
version: "3.5"
services:
  web-fe:
    build: .
    command: python app.py
    ports:
      - target: 5000
        published: 5000
    networks:
      - counter-net
    volumes:
      - type: volume
        source: counter-vol
        target: /code
  redis:
    image: "redis:alpine"
    networks:
      counter-net:

networks:
  counter-net:

volumes:
  counter-vol:
```

### Step 4

Start the app

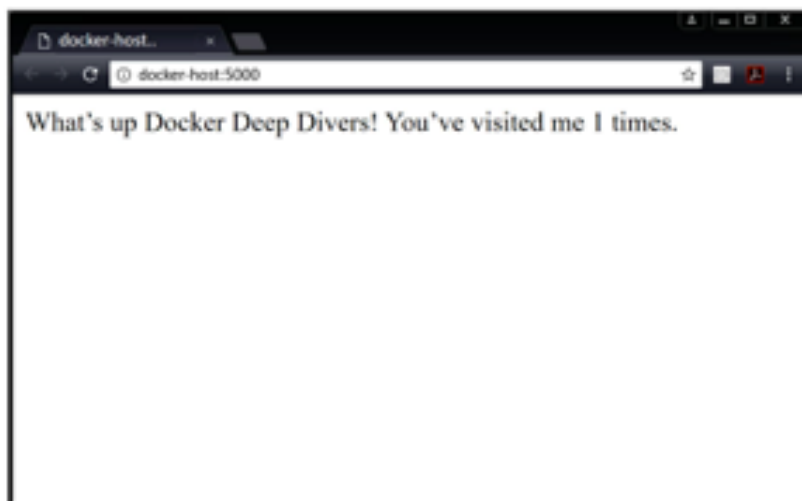
\$ docker-compose up &

```
[1] 1635
Creating network "counterapp_counter-net" with the default driver
Creating volume "counterapp_counter-vol" with default driver
Pulling redis (redis:alpine)...
alpine: Pulling from library/redis
1160f4abea84: Pull complete
a8c53d69ca3a: Pull complete
<Snip>
web-fe_1 | * Debugger PIN: 313-791-729
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
counterapp_web-fe	latest	96..6ff9e	3 minutes ago	95.9MB
python	3.4-alpine	01..17a02	2 weeks ago	85.5MB
redis	alpine	ed..c83de	5 weeks ago	26.9MB

FROM python: 3.4-alpine	< < Base image
ADD . /code	< < Copy app into image
WORKDIR /code	< < Set working directory
RUN pip install -r requirements.txt	< < install requirements
CMD ["python", "app.py"]	< < Set the default app

```
# curl http://Private-IP-Address:5000
```



## Step 8

Stop the app

**\$ docker-compose down**

```
$ docker-compose down
1. Stopping counterapp_redis_1 ...
2. Stopping counterapp_web-fe_1 ...
3. redis_1 | 1:signal-handler Received SIGTERM scheduling shutdown...
4. redis_1 | 1:M 09 Jan 11:16:00.456 # User requested shutdown...
5. redis_1 | 1:M 09 Jan 11:16:00.456 * Saving the final RDB snap...
6. redis_1 | 1:M 09 Jan 11:16:00.463 * DB saved on disk
7. Stopping counterapp_redis_1 ... done
8. counterapp_redis_1 exited with code 0
9. Stopping counterapp_web-fe_1 ... done
10. Removing counterapp_redis_1 ... done
11. Removing counterapp_web-fe_1 ... done
```