Docker Compose工具 用来运行多容器的应用

安装docker compose
sudo pip install docker-compose -i https://pypi.douban.com/simple

服务
运行的容器经过一定的配置就是服务， 可以运行多个容器实例来提供服务
定义服务需要定义： docker-compose.yml 文件

```yaml
version: "3"
services:
  web:
    # replace username/repo:tag with your name and image details
    image: username/repo:tag
    deploy:
      replicas: 5
      resources:
        limits:
          cpus: "0.1"
          memory: 50M
      restart_policy:
        condition: on-failure
    ports:
      - "4000:80"
    networks:
      - webnet
networks:
  webnet:
```

docker swarm init –advertise-addr <your ip>
docker swarm init –advertise-addr 10.129.7.85

启动了一个服务，这个服务由5个容器实例组成
docker stack deploy -c docker-compose.yml getstartedlab --with-registry-auth

显示服务
docker service ls

服务里面每一个容器实例叫task