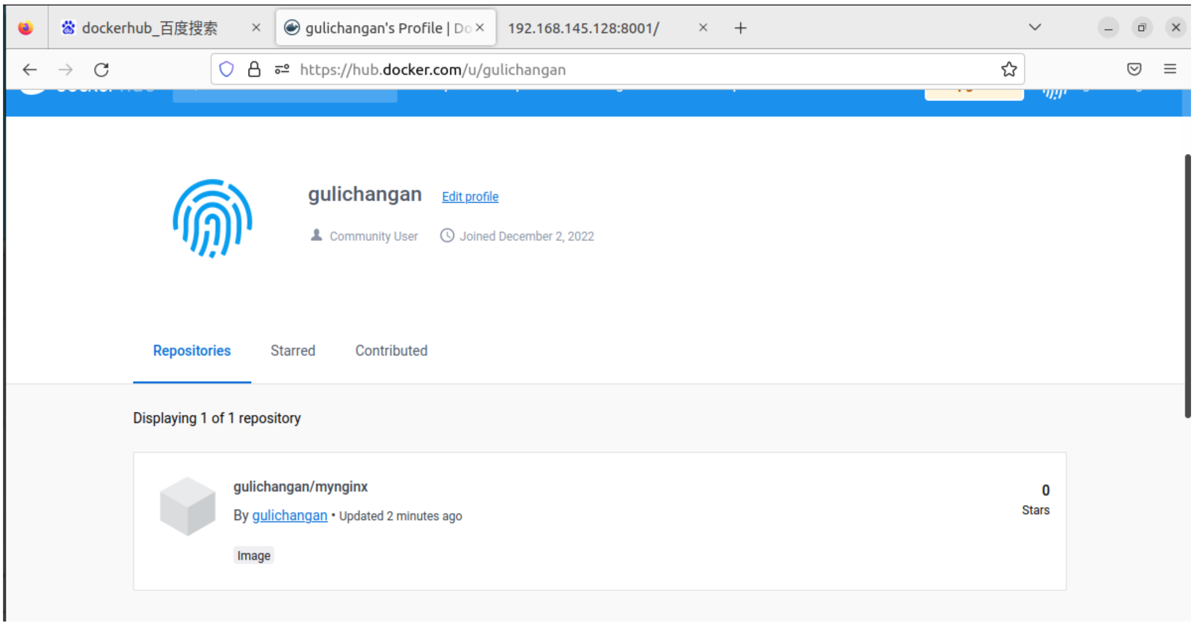
lv1

成果展示：



gulichangan

Community User · Joined December 2, 2022

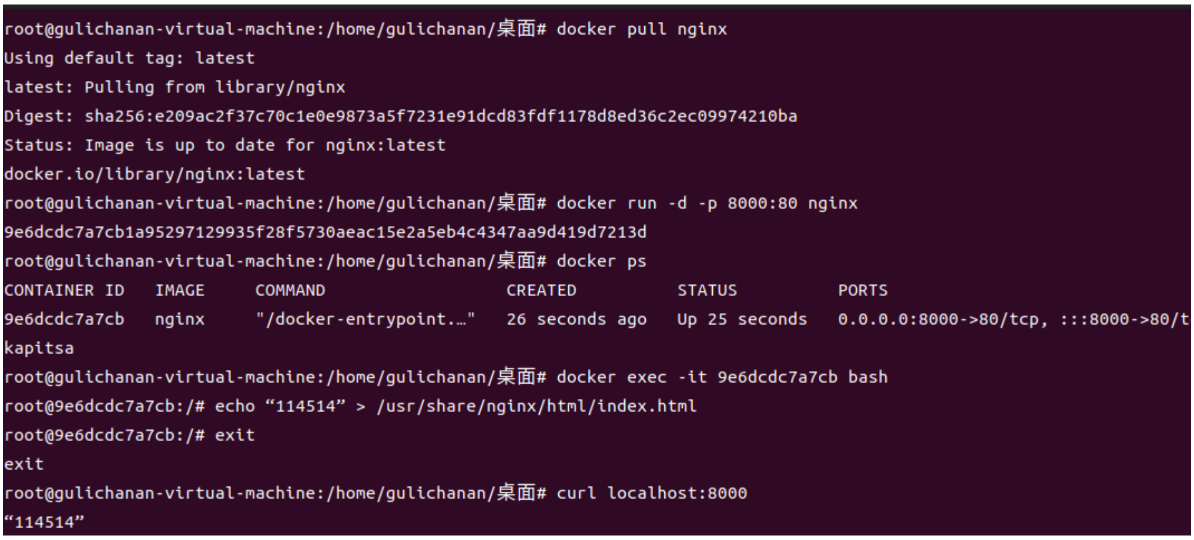
Displaying 1 of 1 repository

gulichangan/mynginx

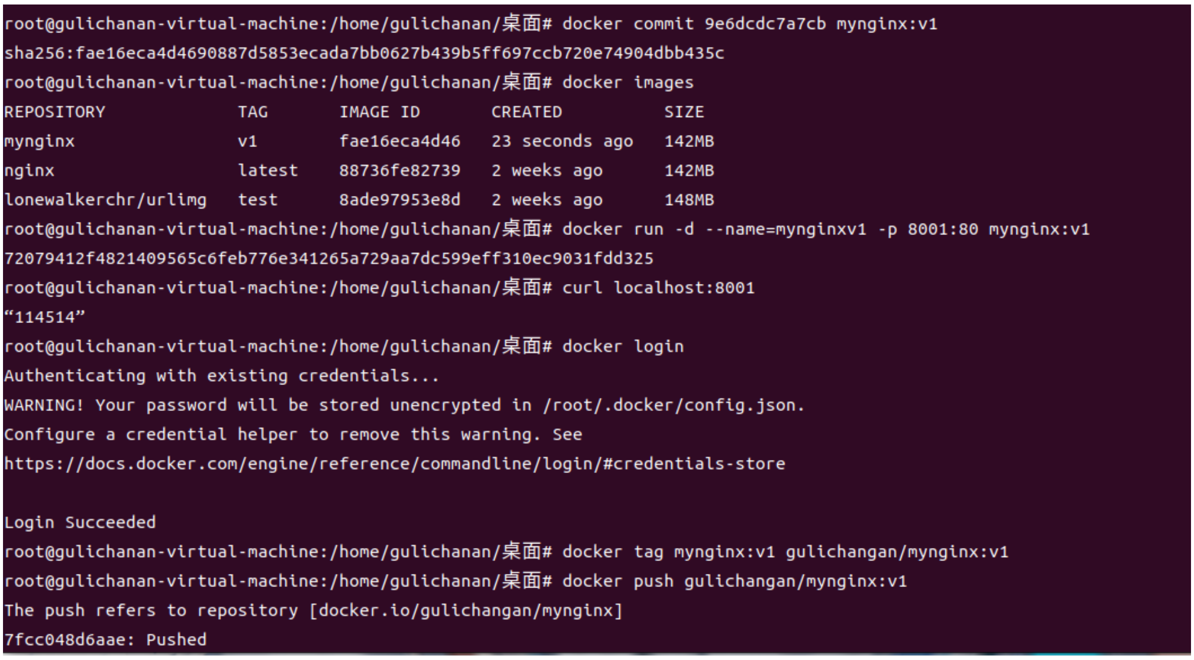
By gulichangan • Updated 2 minutes ago

0 Stars

具体步骤：



```
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
Digest: sha256:e209ac2f37c70c1e0e9873a5f7231e91dcd83fdf1178d8ed36c2ec09974210ba
Status: Image is up to date for nginx:latest
docker.io/library/nginx:latest
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker run -d -p 8000:80 nginx
9e6dcdc7a7cb1a95297129935f28f5730aeac15e2a5eb4c4347aa9d419d7213d
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED          STATUS          PORTS
9e6dcdc7a7cb   nginx     "/docker-entrypoint.…"   26 seconds ago   Up 25 seconds   0.0.0.0:8000->80/tcp, :::8000->80/t
kapitsa
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker exec -it 9e6dcdc7a7cb bash
root@9e6dcdc7a7cb:/# echo “114514” > /usr/share/nginx/html/index.html
root@9e6dcdc7a7cb:/# exit
exit
root@gulichanan-virtual-machine:/home/gulichanan/桌面# curl localhost:8000
“114514”
```

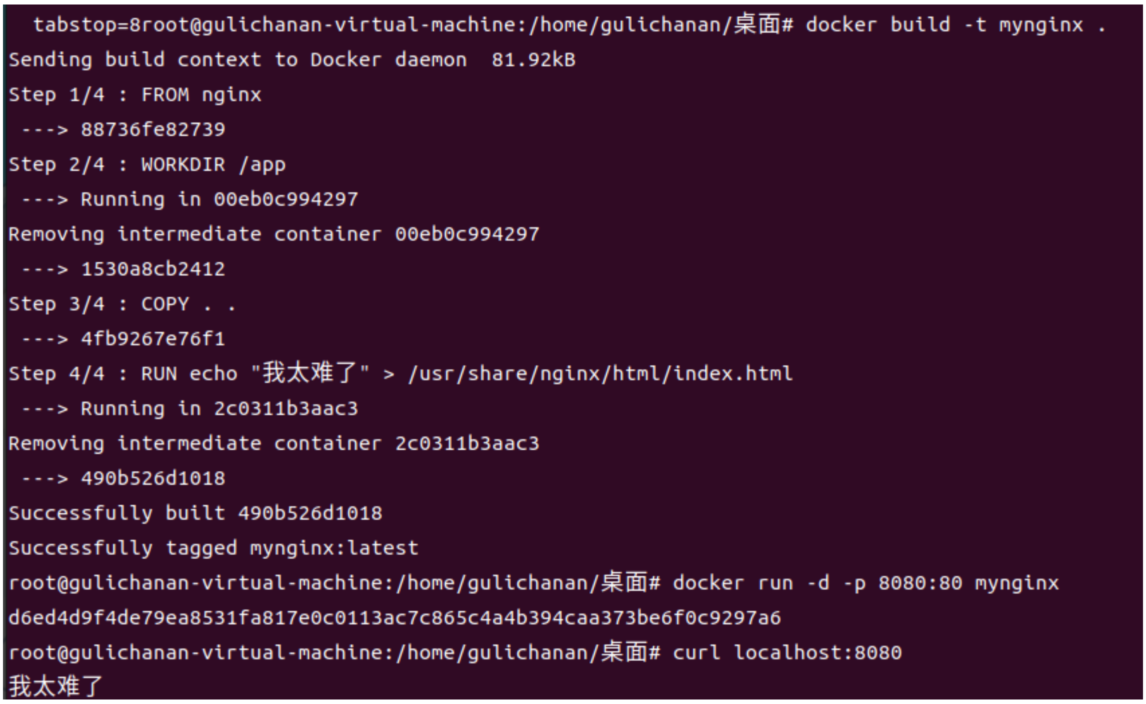


```
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker commit 9e6dcdc7a7cb mynginx:v1
sha256:fae16eca4d4690887d5853ecada7bb0627b439b5ff697ccb720e74904dbb435c
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker images
REPOSITORY             TAG       IMAGE ID       CREATED          SIZE
mynginx                v1        fae16eca4d46   23 seconds ago   142MB
nginx                  latest    88736fe82739   2 weeks ago      142MB
lonewalkerchr/urlimg   test      8ade97953e8d   2 weeks ago      148MB
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker run -d --name=mynginxv1 -p 8001:80 mynginx:v1
72079412f4821409565c6feb776e341265a729aa7dc599eff310ec9031fdd325
root@gulichanan-virtual-machine:/home/gulichanan/桌面# curl localhost:8001
“114514”
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker login
Authenticating with existing credentials...
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker tag mynginx:v1 gulichangan/mynginx:v1
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker push gulichangan/mynginx:v1
The push refers to repository [docker.io/gulichangan/mynginx]
7fcc048d6aae: Pushed
```

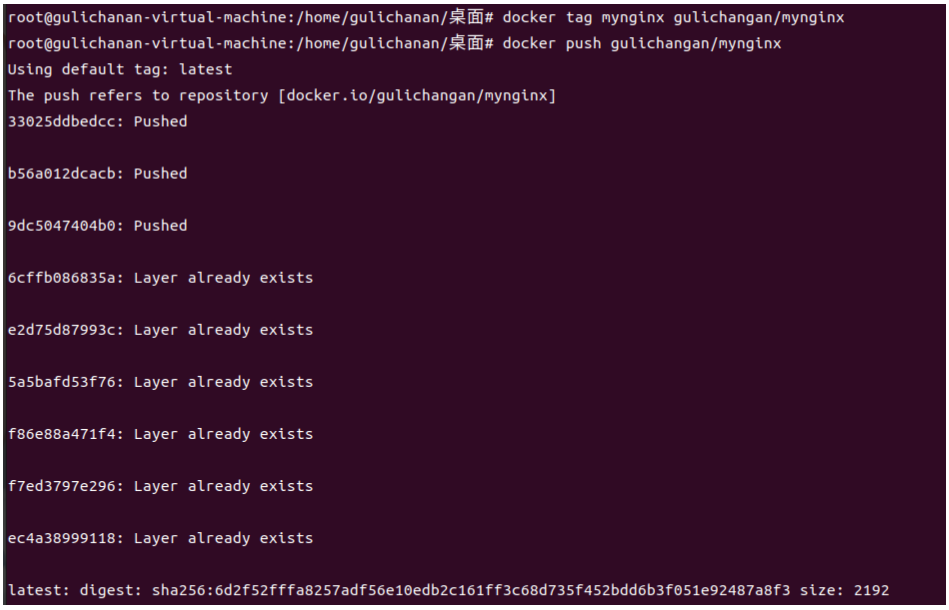
lv2

docker hub地址：https://hub.docker.com/r/gulichangan/mynginx

具体步骤：

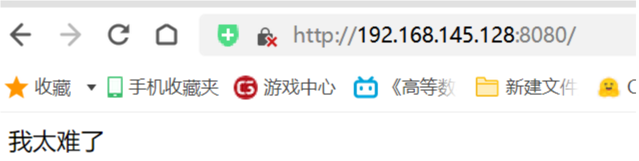


```
 tabstop=8root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker build -t mynginx .
Sending build context to Docker daemon  81.92kB
Step 1/4 : FROM nginx
 ---> 88736fe82739
Step 2/4 : WORKDIR /app
 ---> Running in 00eb0c994297
Removing intermediate container 00eb0c994297
 ---> 1530a8cb2412
Step 3/4 : COPY . .
 ---> 4fb9267e76f1
Step 4/4 : RUN echo "我太难了" > /usr/share/nginx/html/index.html
 ---> Running in 2c0311b3aac3
Removing intermediate container 2c0311b3aac3
 ---> 490b526d1018
Successfully built 490b526d1018
Successfully tagged mynginx:latest
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker run -d -p 8080:80 mynginx
d6ed4d9f4de79ea8531fa817e0c0113ac7c865c4a4b394caa373be6f0c9297a6
root@gulichanan-virtual-machine:/home/gulichanan/桌面# curl localhost:8080
我太难了
```



```
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker tag mynginx gulichangan/mynginx
root@gulichanan-virtual-machine:/home/gulichanan/桌面# docker push gulichangan/mynginx
Using default tag: latest
The push refers to repository [docker.io/gulichangan/mynginx]
33025ddbedcc: Pushed

b56a012dcacb: Pushed

9dc5047404b0: Pushed

6cffb086835a: Layer already exists

e2d75d87993c: Layer already exists

5a5bafd53f76: Layer already exists

f86e88a471f4: Layer already exists

f7ed3797e296: Layer already exists

ec4a38999118: Layer already exists

latest: digest: sha256:6d2f52fffa8257adf56e10edb2c161ff3c68d735f452bdd6b3f051e92487a8f3 size: 2192
```

运行结果：

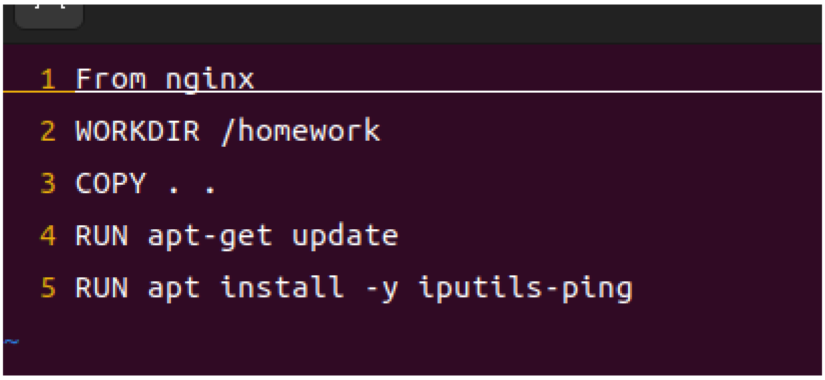


我太难了

lv3

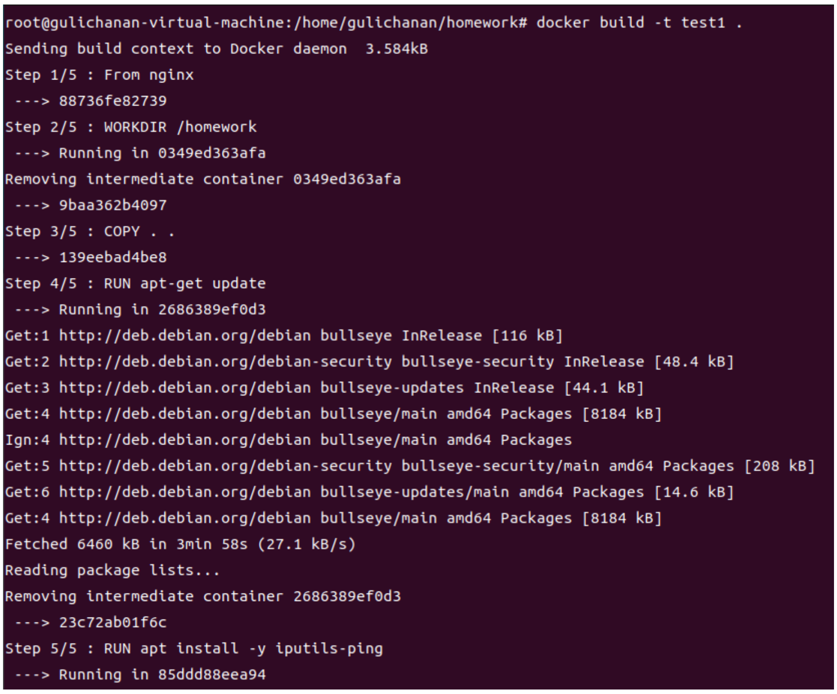
具体步骤：

1.在/home/gulichangan/homework下vim dockerfile，并基于nginx镜像基础上下载ping



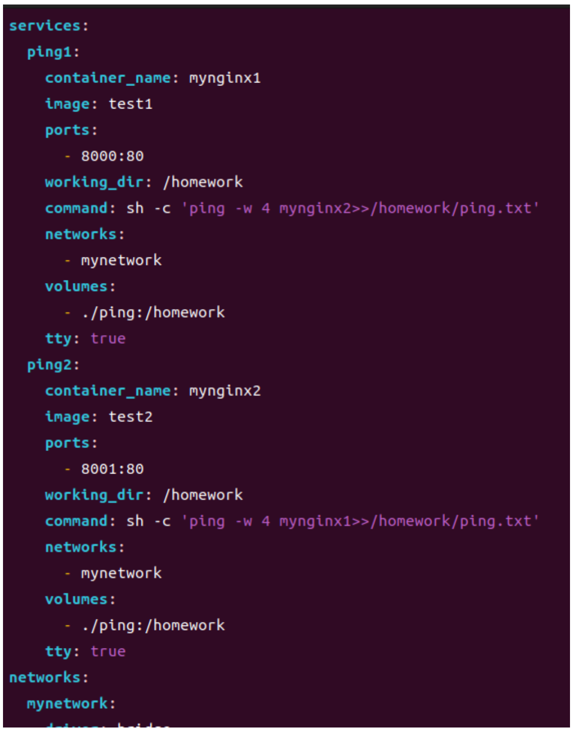
```
From nginx
WORKDIR /homework
COPY . .
RUN apt-get update
RUN apt install -y iputils-ping
```

2.生成新镜像test1、test2



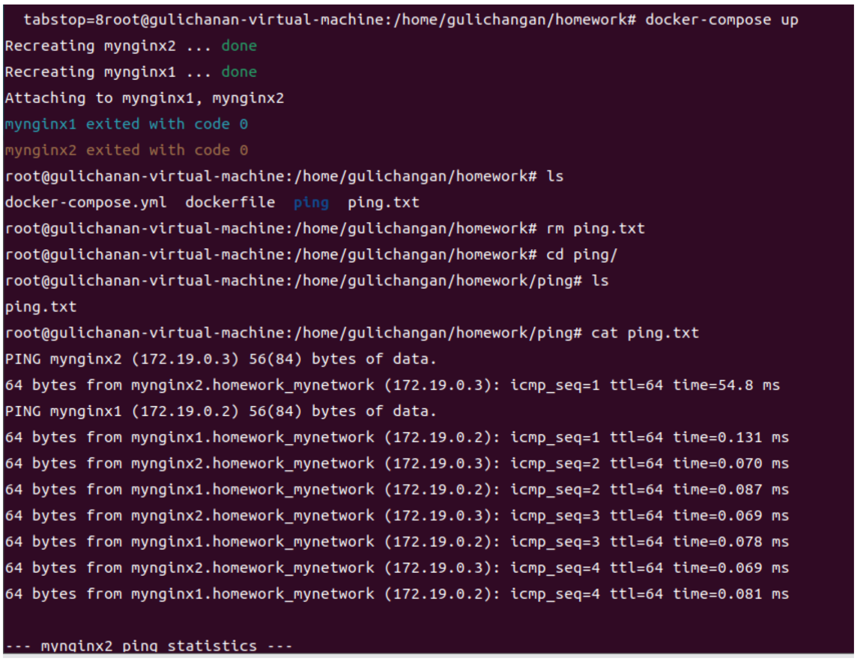
```
root@gulichanan-virtual-machine:/home/gulichanan/homework# docker build -t test1 .
Sending build context to Docker daemon  3.584kB
Step 1/5 : From nginx
 ---> 88736fe82739
Step 2/5 : WORKDIR /homework
 ---> Running in 0349ed363afa
Removing intermediate container 0349ed363afa
 ---> 9baa362b4097
Step 3/5 : COPY . .
 ---> 139eebad4be8
Step 4/5 : RUN apt-get update
 ---> Running in 2686389ef0d3
Get:1 http://deb.debian.org/debian bullseye InRelease [116 kB]
Get:2 http://deb.debian.org/debian-security bullseye-security InRelease [48.4 kB]
Get:3 http://deb.debian.org/debian bullseye-updates InRelease [44.1 kB]
Get:4 http://deb.debian.org/debian bullseye/main amd64 Packages [8184 kB]
Ign:4 http://deb.debian.org/debian bullseye/main amd64 Packages
Get:5 http://deb.debian.org/debian-security bullseye-security/main amd64 Packages [208 kB]
Get:6 http://deb.debian.org/debian bullseye-updates/main amd64 Packages [14.6 kB]
Get:4 http://deb.debian.org/debian bullseye/main amd64 Packages [8184 kB]
Fetched 6460 kB in 3min 58s (27.1 kB/s)
Reading package lists...
Removing intermediate container 2686389ef0d3
 ---> 23c72ab01f6c
Step 5/5 : RUN apt install -y iputils-ping
 ---> Running in 85ddd88eea94
```

3.在/home/gulichangan/homework下vim docker-compose



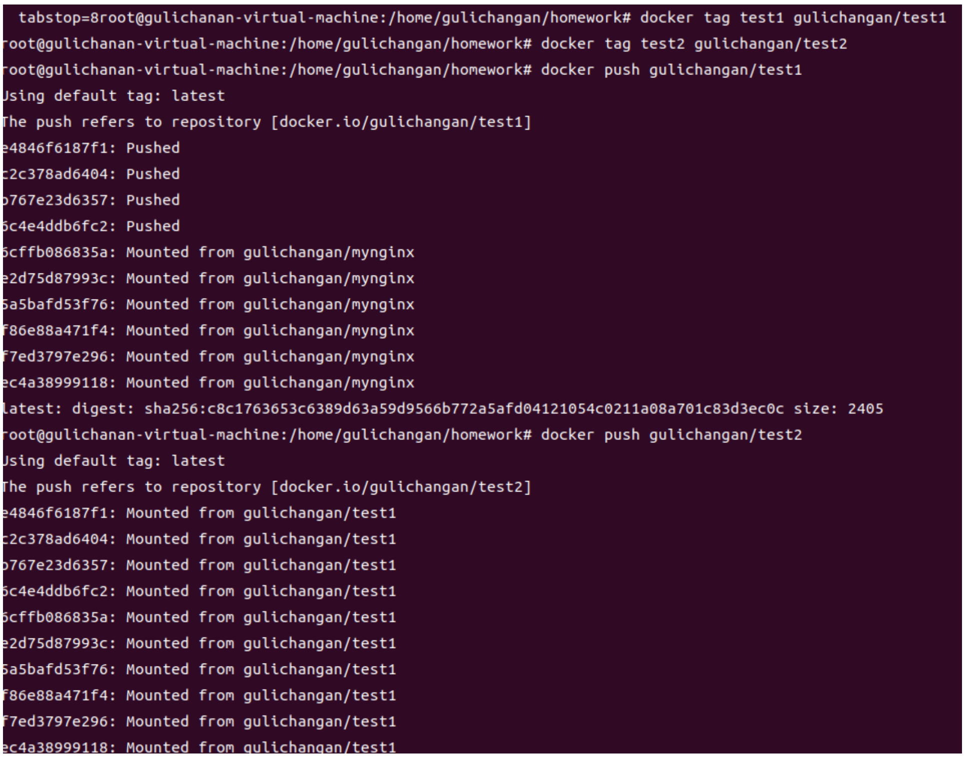
```
services:
  ping1:
    container_name: mynginx1
    image: test1
    ports:
      - 8000:80
    working_dir: /homework
    command: sh -c 'ping -w 4 mynginx2>>/homework/ping.txt'
    networks:
      - mynetwork
    volumes:
      - ./ping:/homework
    tty: true
  ping2:
    container_name: mynginx2
    image: test2
    ports:
      - 8001:80
    working_dir: /homework
    command: sh -c 'ping -w 4 mynginx1>>/homework/ping.txt'
    networks:
      - mynetwork
    volumes:
      - ./ping:/homework
    tty: true
networks:
  mynetwork:
    driver: bridge
```

4.docker-compose up运行这个docker-compose



```
 tabstop=8root@gulichanan-virtual-machine:/home/gulichangan/homework# docker-compose up
Recreating mynginx2 ... done
Recreating mynginx1 ... done
Attaching to mynginx1, mynginx2
mynginx1 exited with code 0
mynginx2 exited with code 0
root@gulichanan-virtual-machine:/home/gulichangan/homework# ls
docker-compose.yml  dockerfile  ping  ping.txt
root@gulichanan-virtual-machine:/home/gulichangan/homework# rm ping.txt
root@gulichanan-virtual-machine:/home/gulichangan/homework# cd ping/
root@gulichanan-virtual-machine:/home/gulichangan/homework/ping# ls
ping.txt
root@gulichanan-virtual-machine:/home/gulichangan/homework/ping# cat ping.txt
PING mynginx2 (172.19.0.3) 56(84) bytes of data.
64 bytes from mynginx2.homework_mynetwork (172.19.0.3): icmp_seq=1 ttl=64 time=54.8 ms
PING mynginx1 (172.19.0.2) 56(84) bytes of data.
64 bytes from mynginx1.homework_mynetwork (172.19.0.2): icmp_seq=1 ttl=64 time=0.131 ms
64 bytes from mynginx2.homework_mynetwork (172.19.0.3): icmp_seq=2 ttl=64 time=0.070 ms
64 bytes from mynginx1.homework_mynetwork (172.19.0.2): icmp_seq=2 ttl=64 time=0.087 ms
64 bytes from mynginx2.homework_mynetwork (172.19.0.3): icmp_seq=3 ttl=64 time=0.069 ms
64 bytes from mynginx1.homework_mynetwork (172.19.0.2): icmp_seq=3 ttl=64 time=0.078 ms
64 bytes from mynginx2.homework_mynetwork (172.19.0.3): icmp_seq=4 ttl=64 time=0.069 ms
64 bytes from mynginx1.homework_mynetwork (172.19.0.2): icmp_seq=4 ttl=64 time=0.081 ms

--- mynginx2 ping statistics ---
```

5.push test1、test2到我的镜像仓库



```
 tabstop=8root@gulichanan-virtual-machine:/home/gulichangan/homework# docker tag test1 gulichangan/test1
root@gulichanan-virtual-machine:/home/gulichangan/homework# docker tag test2 gulichangan/test2
root@gulichanan-virtual-machine:/home/gulichangan/homework# docker push gulichangan/test1
Using default tag: latest
The push refers to repository [docker.io/gulichangan/test1]
e4846f6187f1: Pushed
c2c378ad6404: Pushed
b767e23d6357: Pushed
5c4e4ddb6fc2: Pushed
5cffb086835a: Mounted from gulichangan/mynginx
e2d75d87993c: Mounted from gulichangan/mynginx
5a5bafd53f76: Mounted from gulichangan/mynginx
f86e88a471f4: Mounted from gulichangan/mynginx
f7ed3797e296: Mounted from gulichangan/mynginx
ec4a38999118: Mounted from gulichangan/mynginx
latest: digest: sha256:c8c1763653c6389d63a59d9566b772a5afd04121054c0211a08a701c83d3ec0c size: 2405
root@gulichanan-virtual-machine:/home/gulichangan/homework# docker push gulichangan/test2
Using default tag: latest
The push refers to repository [docker.io/gulichangan/test2]
e4846f6187f1: Mounted from gulichangan/test1
c2c378ad6404: Mounted from gulichangan/test1
b767e23d6357: Mounted from gulichangan/test1
5c4e4ddb6fc2: Mounted from gulichangan/test1
5cffb086835a: Mounted from gulichangan/test1
e2d75d87993c: Mounted from gulichangan/test1
5a5bafd53f76: Mounted from gulichangan/test1
f86e88a471f4: Mounted from gulichangan/test1
f7ed3797e296: Mounted from gulichangan/test1
ec4a38999118: Mounted from gulichangan/test1
```

镜像地址：

https://hub.docker.com/repository/docker/gulichangan/test1

https://hub.docker.com/repository/docker/gulichangan/test2

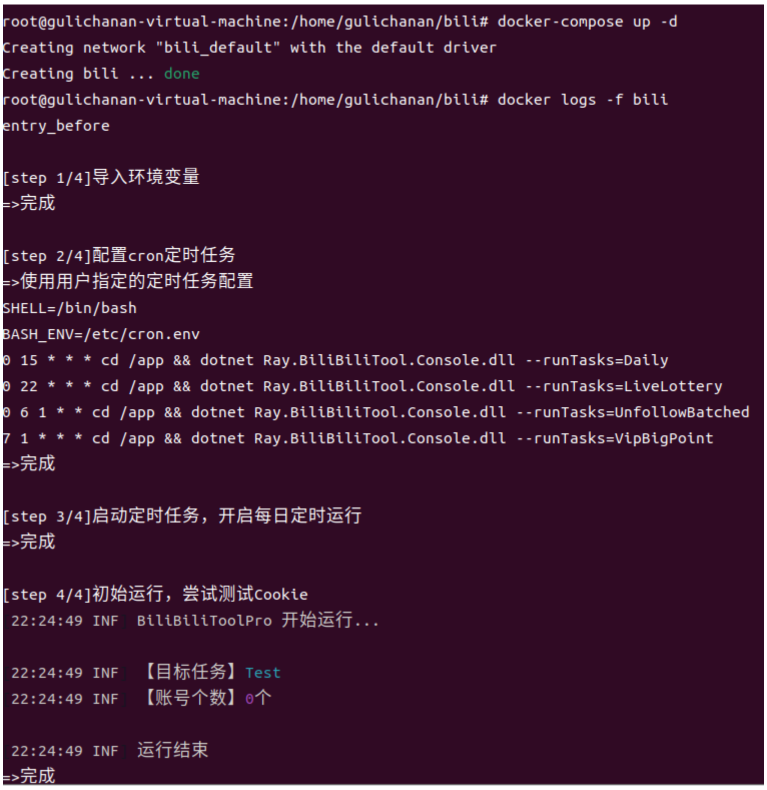
打包文件名：homework

lv4

具体步骤：

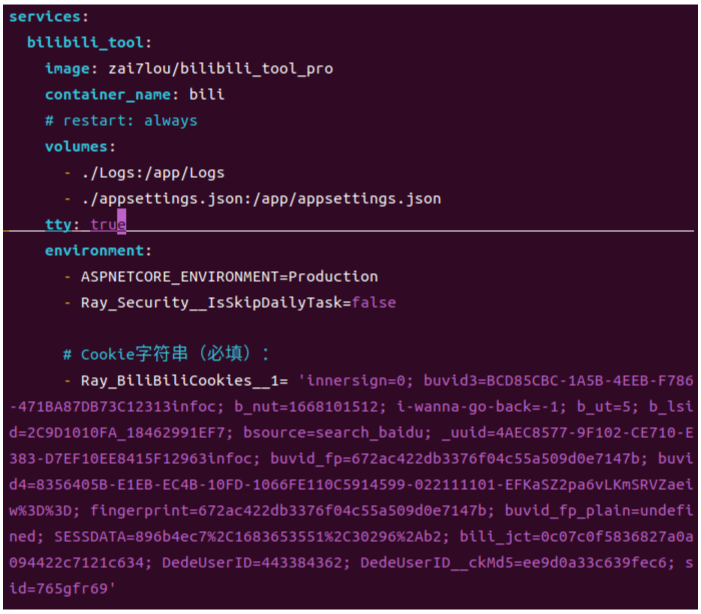
1.进入GitHub地址

2.获取镜像，下载启动，查看日志



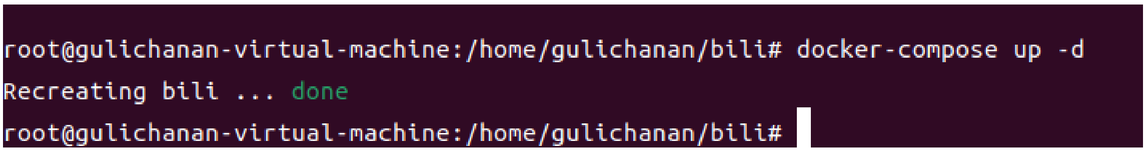
```
root@gulichanan-virtual-machine:/home/gulichanan/bili# docker-compose up -d
Creating network "bili_default" with the default driver
Creating bili ... done
root@gulichanan-virtual-machine:/home/gulichanan/bili# docker logs -f bili
entry_before

[step 1/4]导入环境变量
=>完成

[step 2/4]配置cron定时任务
=>使用用户指定的定时任务配置
SHELL=/bin/bash
BASH_ENV=/etc/cron.env
0 15 * * * cd /app && dotnet Ray.BiliBiliTool.Console.dll --runTasks=Daily
0 22 * * * cd /app && dotnet Ray.BiliBiliTool.Console.dll --runTasks=LiveLottery
0 6 1 * * cd /app && dotnet Ray.BiliBiliTool.Console.dll --runTasks=UnfollowBatched
7 1 * * * cd /app && dotnet Ray.BiliBiliTool.Console.dll --runTasks=VipBigPoint
=>完成

[step 3/4]启动定时任务，开启每日定时运行
=>完成

[step 4/4]初始运行，尝试测试Cookie
 22:24:49 INF  BiliBiliToolPro 开始运行...

 22:24:49 INF  【目标任务】Test
 22:24:49 INF  【账号个数】0个

 22:24:49 INF  运行结束
=>完成
```

3.查看并保存Cookie



```
services:
  bilibili_tool:
    image: zai7lou/bilibili_tool_pro
    container_name: bili
    # restart: always
    volumes:
      - ./Logs:/app/Logs
      - ./appsettings.json:/app/appsettings.json
    tty: true
    environment:
      - ASPNETCORE_ENVIRONMENT=Production
      - Ray_Security__IsSkipDailyTask=false

      # Cookie字符串（必填）：
      - Ray_BiliBiliCookies__1= 'innersign=0; buvid3=BCD85CBC-1A5B-4EEB-F786
-471BA87DB73C12313infoc; b_nut=1668101512; i-wanna-go-back=-1; b_ut=5; b_lsi
d=2C9D1010FA_18462991EF7; bsource=search_baidu; _uuid=4AEC8577-9F102-CE710-E
383-D7EF10EE8415F12963infoc; buvid_fp=672ac422db3376f04c55a509d0e7147b; buvi
d4=8356405B-E1EB-EC4B-10FD-1066FE110C5914599-022111101-EFKaSZ2pa6vLKmSRVZaei
w%3D%3D; fingerprint=672ac422db3376f04c55a509d0e7147b; buvid_fp_plain=undefi
ned; SESSDATA=896b4ec7%2C1683653551%2C30296%2Ab2; bili_jct=0c07c0f5836827a0a
094422c7121c634; DedeUserID=443384362; DedeUserID__ckMd5=ee9d0a33c639fec6; s
id=765gfr69'
```

4.重新运行docker-compose



```
root@gulichanan-virtual-machine:/home/gulichanan/bili# docker-compose up -d
Recreating bili ... done
root@gulichanan-virtual-machine:/home/gulichanan/bili# 
```