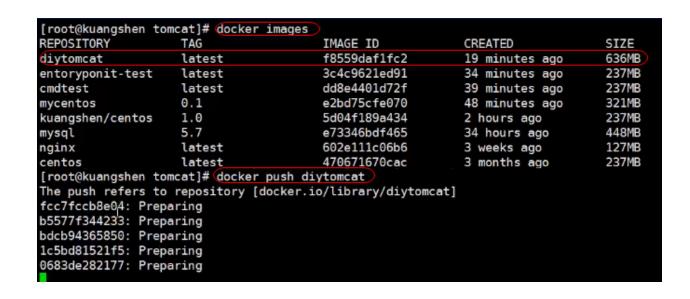# 15、发布(推送)自己的docker镜像到dockerhub镜像仓库服务器

（1）需先在http://hub.docker.com（镜像仓库）中注册自己的账号，因为不注册，推送不了

（2）确定下这个账号可以登录

```
[root@kuangshen tomcat]# docker login --help

Usage:  docker login [OPTIONS] [SERVER]

Log in to a Docker registry.
If no server is specified, the default is defined by the daemon.

Options:
  -p, --password string   Password
      --password-stdin    Take the password from stdin
  -u, --username string   Username
[root@kuangshen tomcat]# docker login -u kuangshen
Password:
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@kuangshen tomcat]#
```

（3）登录完毕后就直接可以推送镜像到镜像仓库，docker push 镜像名或imageID

```
[root@kuangshen tomcat]# docker images
REPOSITORY          TAG       IMAGE ID        CREATED          SIZE
diytomcat           latest    f8559daf1fc2    19 minutes ago   636MB
entoryponit-test    latest    3c4c9621ed91    34 minutes ago   237MB
cmdtest             latest    dd8e4401d72f    39 minutes ago   237MB
mycentos            0.1       e2bd75cfe070    48 minutes ago   321MB
kuangshen/centos    1.0       5d04f189a434    2 hours ago      237MB
mysql               5.7       e73346bdf465    34 hours ago     448MB
nginx               latest    602e111c06b6    3 weeks ago      127MB
centos              latest    470671670cac    3 months ago     237MB
[root@kuangshen tomcat]# docker push diytomcat
The push refers to repository [docker.io/library/diytomcat]
fcc7fccb8e04: Preparing
b5577f344233: Preparing
bdcb94365850: Preparing
1c5bd81521f5: Preparing
0683de282177: Preparing
```

（4）直接推送镜像比较慢的话，可以为当前镜像添加一个标签（镜像快照，也是一个镜像），只将标签推送到镜像仓库。

- 镜像ID和标签的IMAGE ID是一样的

- 自己发布的镜像尽量都带上版本号

```
[root@kuangshen tomcat]# docker images
REPOSITORY           TAG          IMAGE ID        CREATED           SIZE
diytomcat            latest       f8559daf1fc2    22 minutes ago    636MB
entoryponit-test     latest       3c4c9621ed91    38 minutes ago    237MB
cmdtest              latest       dd8e4401d72f    42 minutes ago    237MB
mycentos             0.1          e2bd75cfe070    51 minutes ago    321MB
kuangshen/centos     1.0          5d04f189a434    2 hours ago       237MB
mysql                5.7          e73346bdf465    34 hours ago      448MB
nginx                latest       602e111c06b6    3 weeks ago       127MB
centos               latest       470671670cac    3 months ago      237MB
[root@kuangshen tomcat]# docker tag f8559daf1fc2 kuangshen/tomcat:1.0
[root@kuangshen tomcat]# docker images
REPOSITORY           TAG          IMAGE ID        CREATED           SIZE
kuangshen/tomcat     1.0          f8559daf1fc2    22 minutes ago    636MB
diytomcat            latest       f8559daf1fc2    22 minutes ago    636MB
entoryponit-test     latest       3c4c9621ed91    38 minutes ago    237MB
cmdtest              latest       dd8e4401d72f    42 minutes ago    237MB
mycentos             0.1          e2bd75cfe070    51 minutes ago    321MB
kuangshen/centos     1.0          5d04f189a434    2 hours ago       237MB
mysql                5.7          e73346bdf465    34 hours ago      448MB
nginx                latest       602e111c06b6    3 weeks ago       127MB
centos               latest       470671670cac    3 months ago      237MB
[root@kuangshen tomcat]# docker push kuangshen/tomcat:1.0
The push refers to repository [docker.io/kuangshen/tomcat]
fcc7fccb8e04: Preparing
b5577f344233: Preparing
bdcb94365850: Preparing
1c5bd81521f5: Preparing
0683de282177: Preparing
```