



链滴

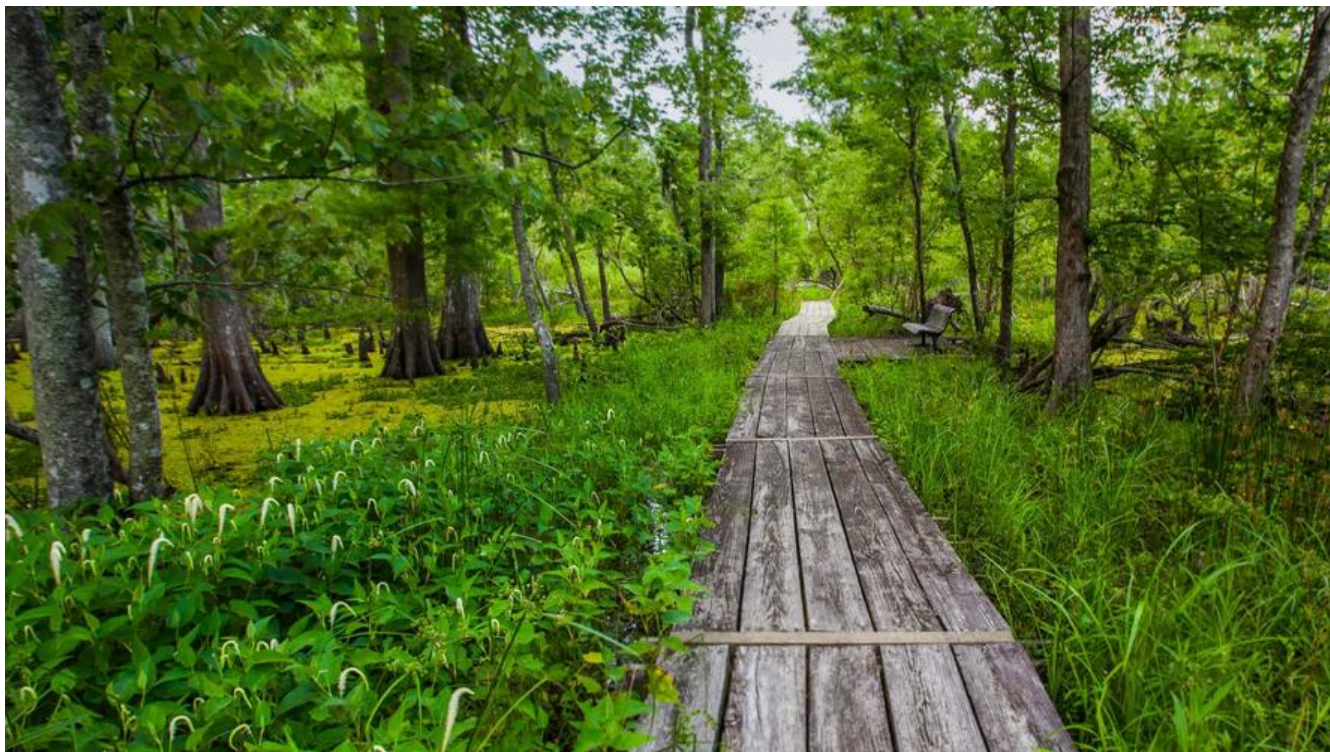
# Kolla 本地私有 Docker 镜像搭建

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原文链接: <https://ld246.com/article/1537945362124>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



## Kolla本地私有Docker镜像搭建

### 1、搭建私服Registry

私服Registry节点IP: 10.0.20.210, 服务端口: 4000

部署私服Registry节点

```
docker pull registry
docker run -d -p 4000:5000 -v /home/docker_volume/registry:/var/lib/registry --restart=always --privileged=true --name registry registry
```

### 2、下载Kolla镜像

```
# Kolla相关镜像参数
registry_url=10.0.20.210:4000
kolla_base_distro="centos"
kolla_install_type="source"
openstack_release="queens"
kolla_openstack_images=(
fluentd
kolla-toolbox
cron
haproxy
keepalived
memcached
mariadb
rabbitmq
keystone
ceph-mon
```

```

ceph-mgr
ceph-rgw
ceph-osd
cinder-volume
cinder-backup
cinder-api
cinder-scheduler
glance-api
glance-registry
nova-ssh
nova-libvirt
nova-placement-api
nova-api
nova-scheduler
nova-conductor
nova-consoleauth
nova-novncproxy
nova-compute
openvswitch-db-server
openvswitch-vswitchd
neutron-server
neutron-openvswitch-agent
neutron-dhcp-agent
neutron-l3-agent
neutron-metadata-agent
heat-api
heat-api-cfn
heat-engine
horizon
)
# 将Kolla远程镜像重新打标签Push到本地Registry私服
for kolla_openstack_image_subname in ${kolla_openstack_images[@]};
do
    kolla_openstack_image_name=kolla/${kolla_base_distro}-${kolla_install_type}-${kolla_openst
ck_image_subname}:${openstack_release}
    docker pull ${registry_url}/${kolla_openstack_image_name}
    docker tag ${registry_url}/${kolla_openstack_image_name} ${kolla_openstack_image_name}
    docker pull ${kolla_openstack_image_name}
    docker tag ${kolla_openstack_image_name} ${registry_url}/${kolla_openstack_image_name}
    docker push ${registry_url}/${kolla_openstack_image_name}
    docker rmi ${registry_url}/${kolla_openstack_image_name}
    docker rmi ${kolla_openstack_image_name}
done

```

查看私有镜像清单

```
curl http://10.0.20.210:4000/v2/_catalog
```

### 3、删除私服内无用镜像

语法命令如下，注意替换 `<image_name>` 为实际要删除的镜像名。

```
docker exec registry /bin/rm -rf /var/lib/registry/docker/registry/v2/repositories/<image_na
e>
```

```
docker exec registry /bin/registry garbage-collect /etc/docker/registry/config.yml
```