

Docker图形化工具

docker 图形页面管理工具常用的有三种，DockerUI，**Portainer**，Shipyard。DockerUI 是 Portainer 的前身，这三个工具通过docker api来获取管理的资源信息。平时我们常常对着shell对着这些命令行客户端，审美会很疲劳，如果有漂亮的图形化界面可以直观查看docker资源信息，也是非常方便的。今天我们就搭建单机版的三种常用图形页面管理工具。这三种图形化管理工具以**Portainer**最为受欢迎。

1.查看portainer镜像

```
docker search portainer
```

2.portainer镜像下载

```
docker pull portainer/portainer
```

3.启动dockerui容器

```
docker run -d --name portainerUI -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock  
portainer/portainer
```

4.浏览器访问

<http://106.15.239.153:9000/>

Portainer x +

← → ↻ ⚠ 不安全 | 106.15.239.153:9000/#/init/admin

portainer.io


Please create the initial administrator user.

Username

Password

Confirm password 设置至少8位的密码 ✓

✓ The password must be at least 8 characters long

 Create user


设置一个密码即可，点击创建用户


5.单机版Docker，直接选择Local，点击连接


portainer.io

Connect Portainer to the Docker environment you want to manage.

单机版Docker 选择

 Local
Manage the local Docker environment

 Remote
Manage a remote Docker environment

 Agent
Connect to a Portainer agent

Information

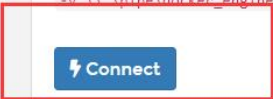
Manage the Docker environment where Portainer is running.

ⓘ Ensure that you have started the Portainer container with the following Docker flag:

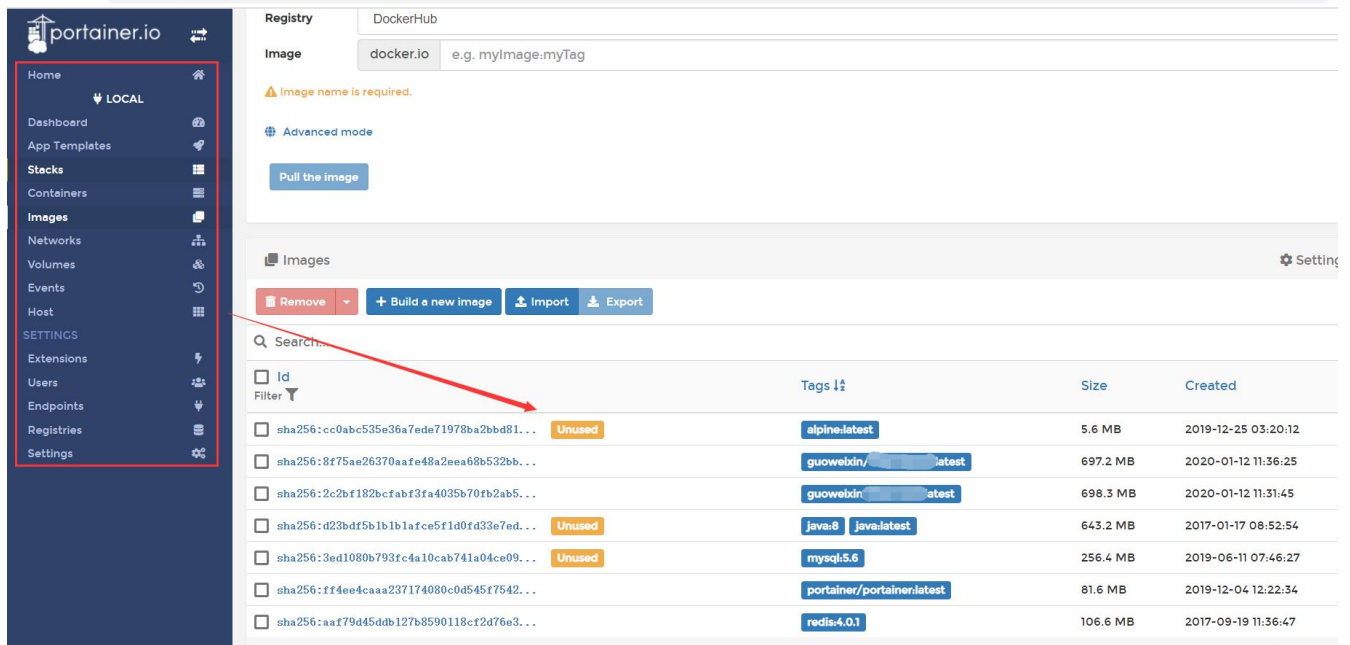
`-v "/var/run/docker.sock:/var/run/docker.sock" (Linux).`

or

`-v \\.\pipe\docker_engine:\\.\pipe\docker_engine (Windows).`

 Connect

6.使用即可



The screenshot displays the Portainer.io web interface. On the left, a dark blue sidebar contains navigation links. A red box highlights the 'Settings' link at the bottom of the sidebar. The main content area shows the 'Images' section, which lists Docker images. A red arrow points from the 'Unused' label in the image list to the 'Settings' link in the sidebar.

Registry: DockerHub

Image: docker.io e.g. myImage:myTag

⚠ Image name is required.

⚙ Advanced mode

Pull the image

Images ⚙ Settings

Remove + Build a new image Import Export

Search

Id	Tags	Size	Created
<input type="checkbox"/> sha256:cc0abc535e36a7ede71978ba2bbd81...	alpine:latest	5.6 MB	2019-12-25 03:20:12
<input type="checkbox"/> sha256:8f75ae26370aafe48a2ee68b532bb...	guowei xin/latest	697.2 MB	2020-01-12 11:36:25
<input type="checkbox"/> sha256:2c2bf182bcbfabf3fa4035b70fb2ab5...	guowei xin/latest	698.3 MB	2020-01-12 11:31:45
<input type="checkbox"/> sha256:d23bdf5b1b1bfce5f1d0fd33e7ed...	java:8 java:latest	643.2 MB	2017-01-17 08:52:54
<input type="checkbox"/> sha256:3ed1080b793fc4a10cab741a04ce09...	mysql:5.6	256.4 MB	2019-06-11 07:46:27
<input type="checkbox"/> sha256:ff4ee4caa237174080c0d545f7542...	portainer/portainer:latest	81.6 MB	2019-12-04 12:22:34
<input type="checkbox"/> sha256:aaf79d45ddb127b8590118cf2d76e3...	redis:4.0.1	106.6 MB	2017-09-19 11:36:47