

Create a docker Image

Follow this link to learn how to create an Image with Docker [Docker Image](#).

In our case we did not have to create an image for ORS because it is already provided.

Clone the ORS repository and within the 'docker/' directory run the following command to build the image:

```
docker-compose up -d
```

Type the following command to list all of your docker images:

```
docker images
```

```
Krists-MacBook-Pro:~ kris$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
bulletinboard	1.0	f39c9c6906be	27 minutes ago	681MB
friendlyhello	latest	616ce3ebce89	4 days ago	148MB
<none>	<none>	f0583e7a39bb	4 days ago	137MB
docker_ors-app	latest	a763c23149fd	4 days ago	1.03GB
openjdk	8-jdk	e8d00769c8a8	4 weeks ago	488MB
python	2.7-slim	f462855313cd	4 weeks ago	137MB
k8s.gcr.io/kube-proxy	v1.14.6	ed8adf767eeb	7 weeks ago	82.1MB
k8s.gcr.io/kube-apiserver	v1.14.6	0e422c9884cf	7 weeks ago	209MB
k8s.gcr.io/kube-controller-manager	v1.14.6	4bb274b1f2c3	7 weeks ago	157MB
k8s.gcr.io/kube-scheduler	v1.14.6	d27987bc993e	7 weeks ago	81.6MB
docker/kube-compose-controller	v0.4.23	a8c3d87a58e7	4 months ago	35.3MB
docker/kube-compose-api-server	v0.4.23	f3591b2cb223	4 months ago	49.9MB
alpine	3.5	f80194ae2e0c	8 months ago	4MB
k8s.gcr.io/coredns	1.3.1	eb516548c180	9 months ago	40.3MB
hello-world	latest	fce289e99eb9	9 months ago	1.84kB
k8s.gcr.io/etcd	3.3.10	2c4adeb21b4f	10 months ago	258MB
k8s.gcr.io/pause	3.1	da86e6ba6ca1	22 months ago	742kB
node	6.11.5	852391892b9f	23 months ago	662MB

Narrow down to your specific image with this command:

```
docker images docker_ors-app
```

```
Krists-MacBook-Pro:~ kris$ docker images docker_ors-app
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
docker_ors-app	latest	a763c23149fd	4 days ago	1.03GB

Make sure you have a Docker Account

Follow these instructions to create an account: <https://docs.docker.com/get-started/part5/>

Now we're ready to share our image on Docker Hub, but there's one thing we must do first: images must be namespaced correctly to share on Docker Hub.

We can relabel our image like this:

```
Krists-MacBook-Pro:~ kris$ docker image tag docker_ors-app:latest kveruari/docker_ors-app:latest
```

Then we can finally push or image:

```
Krists-MacBook-Pro:~ kris$ docker image push kveruari/docker_ors-app:latest
The push refers to repository [docker.io/kveruari/docker_ors-app]
33105a8ac734: Pushed
403ee4895955: Pushed
51b8c97409a3: Pushed
84f36b939bd9: Pushed
4579f63b7b09: Pushed
457ba0f0d708: Pushed
cef1b71c7aca: Pushed
19f96c394baf: Pushed
0d70b9109ecc: Pushed
81a817608c10: Pushed
2ee6471cc7a6: Pushed
2ca5d20ae359: Pushed
304d75114b88: Pushed
3f3df8d7feae: Pushed
d127865e4d61: Pushed
57e6a3d20ce9: Mounted from library/openjdk
1690af51cb08: Mounted from library/openjdk
5a30999619d7: Mounted from library/openjdk
2e669e0134f5: Mounted from library/openjdk
8bacec4e3446: Mounted from library/openjdk
26b1991f37bd: Mounted from library/openjdk
55e6b89812f3: Mounted from library/openjdk
latest: digest: sha256:822be89693970e74878aef4e832da22d66db1ac54a6595c79843b7af7cc020b2 size: 4945
```