

MicroServices on Kubernetes - The Easy Way

docker-compose to k8s in one line

Suraj Deshmukh

Red Hat

UX & Simplicity

version: "2"

services:

redis-master:

image: gcr.io/google_containers/redis:e2e

redis-slave:

image: gcr.io/google_samples/gb-redisslave:v1

environment:

- GET_HOSTS_FROM=dns

frontend:

image: gcr.io/google-samples/gb-frontend:v4

ports:

- "80:80"

environment:

- GET_HOSTS_FROM=dns

Enter kompose! 🙌

\$ kompose up

What is Kompose?

- Kompose deploys microservices to Kubernetes or OpenShift
- Kompose converts `docker-compose.yml` file to Kubernetes and OpenShift artifacts. (you can modify artifacts and then deploy)

Demo on Kubernetes

```
$ kompose up
```

Demo on OpenShift

```
$ kompose --provider openshift up
```


Plain conversion

```
$ kompose convert
```

How to contribute

- Github project link: <https://github.com/kubernetes-incubator/kompose/>
- Try it out with your docker-compose files, report issues, ask for enhancement, etc.
- All contributions are highly welcome.

Reach out

- Talk to us on [#kompose](#) channel on <http://slack.kubernetes.io/>
- We do bi-weekly community meeting on Wednesday 22.30 IST at <https://bluejeans.com/404059616> Upcoming meeting is on 23rd Nov.

Links:

- Demo repo:
https://github.com/kadel/kompose-demo/tree/master/KubeCon_20161108
- Slides: bitly.com/komposeDDIN2016

Thank You