

# Kompose

[github.com/skippbox/kompose](https://github.com/skippbox/kompose)



From your local machine to cloud with “one” command

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# Kompose

<http://github.com/skippbox/kompose>

- Takes a Docker Compose file and translates it into Kubernetes/OpenShift resources
- Written in GO
- Open Source project

# Docker Compose

- Tool to define and run multi-container applications.
- One file, one command

```
version: "2"
services:
  backend:
    image: backend
    ports:
      - 3000:3000
  frontend:
    image: frontend
    ports:
      - 8080:8080
    environment:
      API_URL: http://localhost:8080/api
```

# Kubernetes

- open-source system for automating deployment, scaling, and management of containerized applications.
- Started by Google
- Build on Google experience with building and running distributed applications

# OpenShift

- Distribution of Kubernetes
- Add new features on top of Kubernetes

**Demo time**

# OpenShift 3 Online (dev-preview)

<https://console.preview.openshift.com>

- Developer preview for new OpenShift online version
- Currently for FREE
- Everyone can request access (but you will have to wait)
- Limited to 30 days

[bit.ly/KomposeDemo](https://bit.ly/KomposeDemo)



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