HOW DO I ORCHESTRATE MY CONTAINERS
WHAT WE’RE COVERING

• Containers are the new cool
  • Diplomatic interventions
  • Apparent madness

• Communities are important in FOSS
  • Are diagrams really useful
  • Lots of fun
All systems of orchestration cited here have flows and great advantages. They’re all the result of hard work by talented engineering teams in collaboration with patient and mindful communities.
ORCHESTRATION LANDSCAPE

DC/OS

KUBERNETES

SWARM

MESOSPHERE

Google

docker
MADNESS EXPLAINED
compose_mesos.yml
compose_kubernetes.yml
dcos_kubernetes_package
ORCHESTRATION LANDSCAPE

- DC/OS
- Kubernetes
- Swarm

Mesosphere
ORCHESTRATION LANDSCAPE

Scalable

Generic

Flexible

kubernetes

DC/OS

docker SWARM
• Install the cluster
  • 3 machines or vms
  • 2 nodes & 1 manager
• Docker in each
• Make Docker daemon listen publicly rather than a socket unix

• Install Docker Swarm
  • Configure Engine to use Consul
    • For Network
    • For Multimanager (optional)
  • Export DOCKER_HOST to point to the Swarm manager instead of the local Docker daemon
Welcome to the Mesosphere DCOS

Install the DCOS command-line interface (CLI) tool on your local system by copying and pasting the code snippet below into your terminal. You can also take our tour, which will introduce you to the DCOS web-based user interface.

Prerequisites:
- A command-line environment, such as Terminal.
- Python 2.7.9 or 3.4.x. (Python 3.5.x will not work.)
- curl, pip, and virtualenv.

To install the CLI, copy and paste into your terminal:

```
```

Start The Tour
CONCLUSION

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Questions