

Docker, Fig & Flocker



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clusterhq.com
github.com/clusterhq/flocker

Docker, Fig & Flocker

	Containers	Hosts
Docker	1	1
Fig	Many	1
Flocker	Many	Many

with ports, links + volumes...

Demo app

- Counter app
- Flask (Python web server) + Redis
- About as simple as a web application could be

Docker

- Describe runtime environment for application
- Execute application consistently

Get it from docker.com

Docker demo

<https://github.com/lukemarsden/docker-fig-flocker-tutorial>

Fig

- Describe multiple Docker containers in **application manifest**
- Connect them together with **links**
- Define **volumes** for persistent data
- Expose **ports**

Get it from [fig.sh](https://github.com/jwilder/docker-compose)

Fig demo

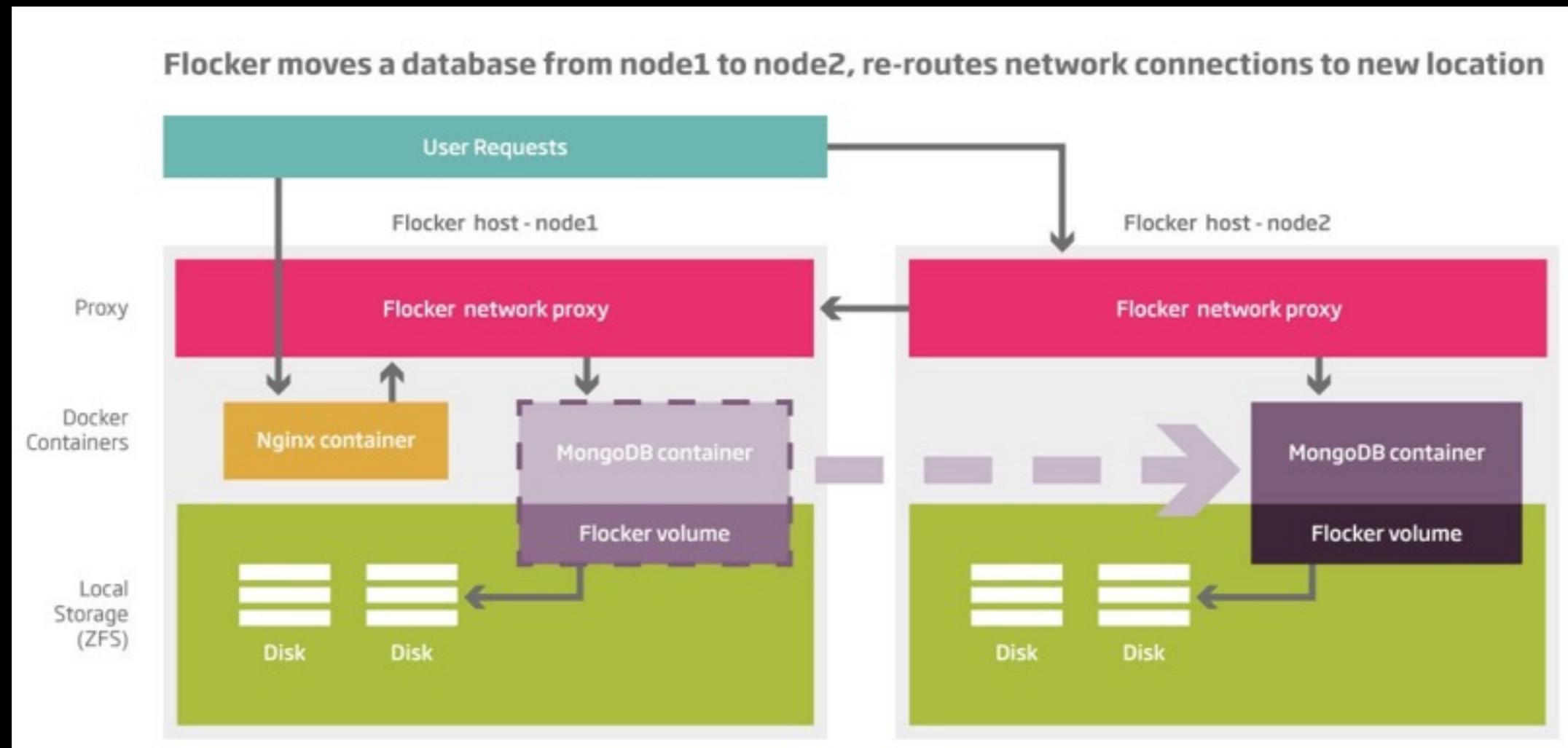
<https://github.com/lukemarsden/docker-fig-flocker-tutorial>

Flocker

- Multi-host fig with volume portability
- Deployment manifest
- Deploy fig-described application across multiple hosts
- Move containers and volumes around together **using ZFS on Linux**

Get it from clusterhq.com

Flocker demo



<https://github.com/lukemarsden/docker-fig-flocker-tutorial>

Thank you - questions?

t-shirts!
bit.ly/chqtees

Check it out!

github.com/clusterhq/flocker

clusterhq.com

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#clusterhq on Freenode

We are hiring in San Francisco + globally!

github.com/clusterhq/hiring