### Docker, Fig & Flocker

<table>
<thead>
<tr>
<th></th>
<th>Containers</th>
<th>Hosts</th>
</tr>
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<tbody>
<tr>
<td><strong>Docker</strong></td>
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<tr>
<td><strong>Fig</strong></td>
<td>Many</td>
<td>1</td>
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<tr>
<td><strong>Flocker</strong></td>
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</tbody>
</table>

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**
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?

Check it out!

[github.com/clusterhq/flocker](https://github.com/clusterhq/flocker)
[clusterhq.com](http://clusterhq.com)
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#[clusterhq](https://github.com/clusterhq/clusterhq) on Freenode

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