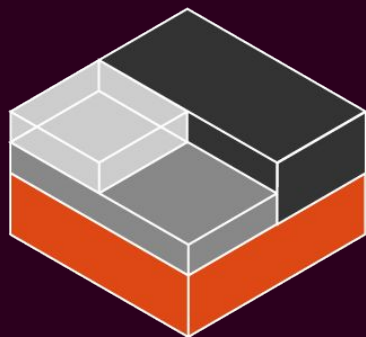


Turning physical systems into containers

ubuntu 

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System containers

What are they?

- The oldest type of containers

BSD jails, Linux vServer, Solaris Zones, OpenVZ, LXC and LXD.

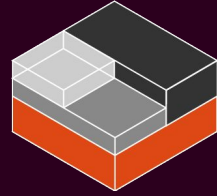
- Behave like standalone systems

No need for specialized software or custom images.

- No virtualization overhead

They are containers after all.

Let's look at LXD



What it IS

→ Simple

Clean command line interface, simple REST API and clear terminology.

→ Fast

Optimized storage and image management.

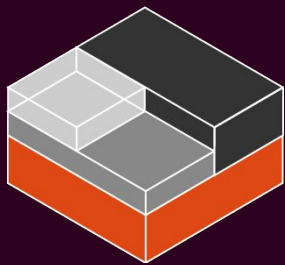
→ Secure

Safe by default. Combines all available kernel security features.

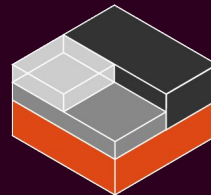
→ Scalable

From a single container on a developer's laptop to thousands of containers per host in a datacenter.

Demo time!

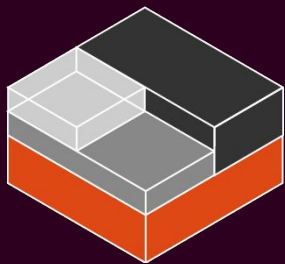


Physical systems to containers

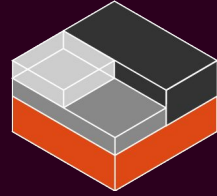


Why?

Demo time!



LXD: the container hypervisor



LXD itself

- Written in Go
- Fully translatable
- API client in Go and python
- Apache2 licensed
- No CLA

```
git clone https://github.com/lxc/lxd
```

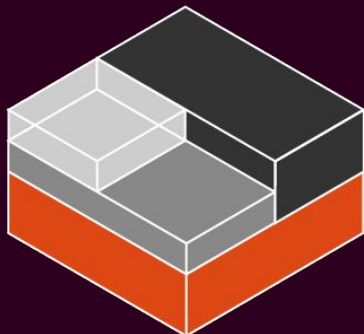
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<https://linuxcontainers.org/lxd>
<https://github.com/lxc/lxd>



Questions?

Try LXD at: <https://linuxcontainers.org/lxd/try-it>
Stickers are available in front!