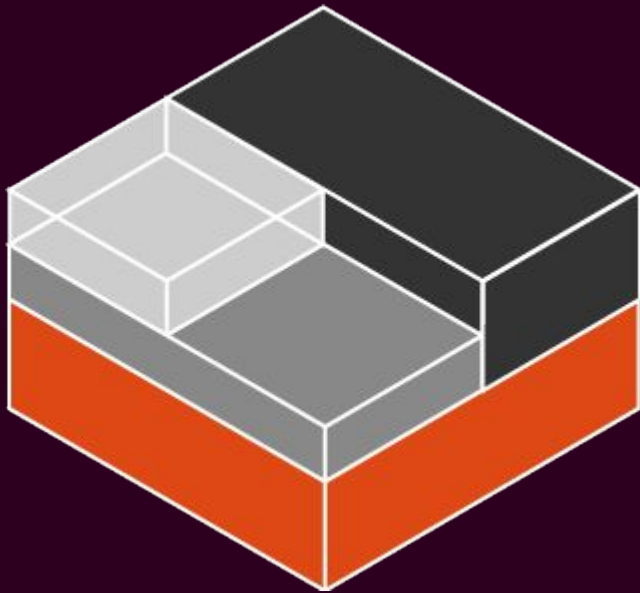


p.haul + LXD



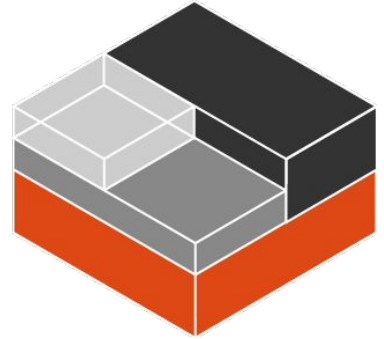
Tycho Andersen, Canonical Ltd.

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<http://tycho.ws>

Who is this guy?

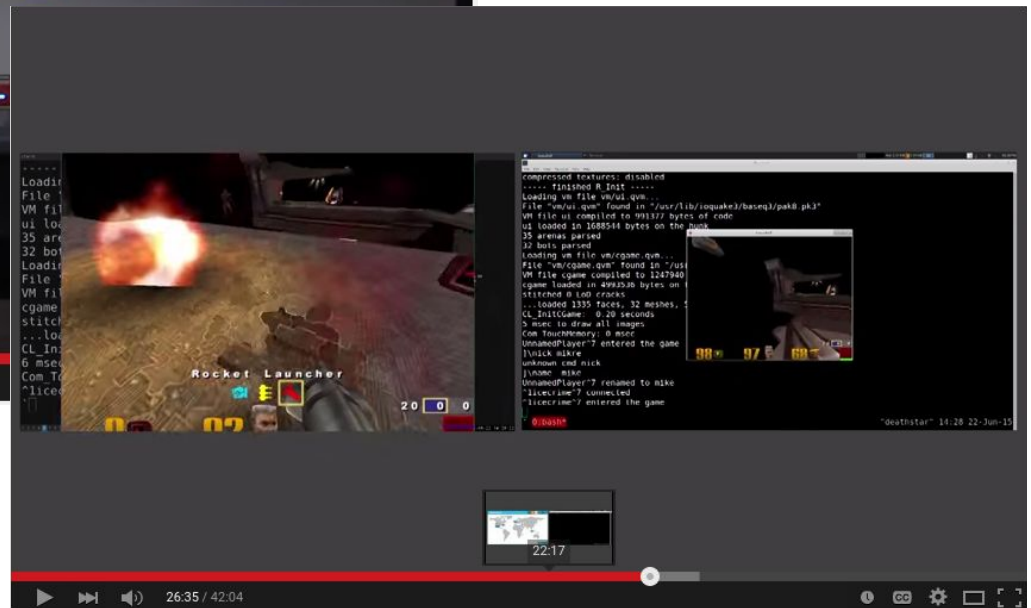
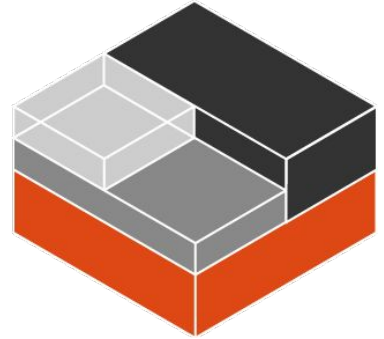
- LXD
- LXC
- CRIU
- Kernel



What is p.haul?

- iterative (vs. stop the world)
- lots of big pages problem

Smoke and mirrors!



liblxc support

- p.haul needs to call container engine for final migrate
- new ->migrate call in liblxc 2.0 takes path to pre-dump images to pass to CRIU

(practical problems) p.haul from LXD

- liblxc only has python3 supported bindings
- p.haul uses python-protobuf, which only has a python2 release currently
- exec chain: lxd => p.haul => lxd => liblxc->migrate => criu

Changes to p.haul

- p.haul needs to take htype-specific arguments:
 - `p.haul lxd --lxddir /var/lib/lxd --lxdsocket --logfile /var/log/lxd/mycontainer/p.haul_${timestamp}.log /usr/bin/lxd mycontainer`
- drop `--fdfs` requirement

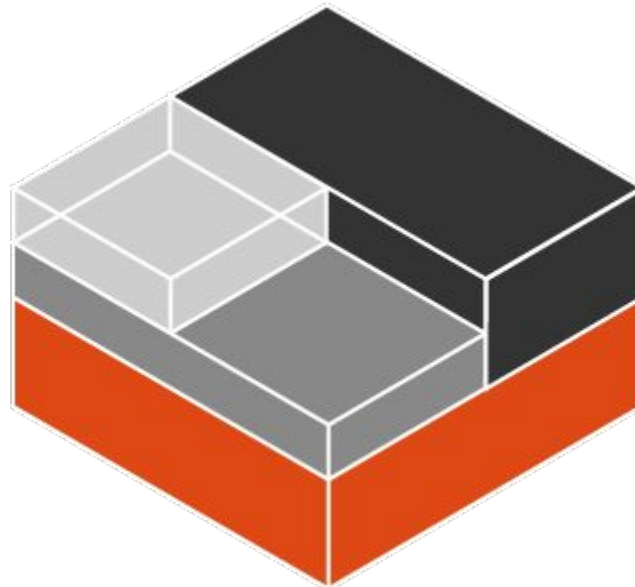
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<https://linuxcontainers.org/lxd>

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



Questions?