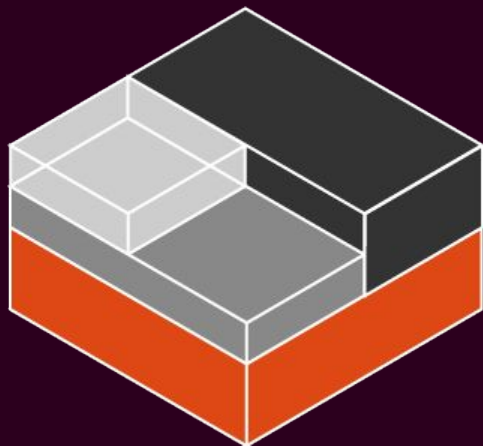


LXD - System Containers



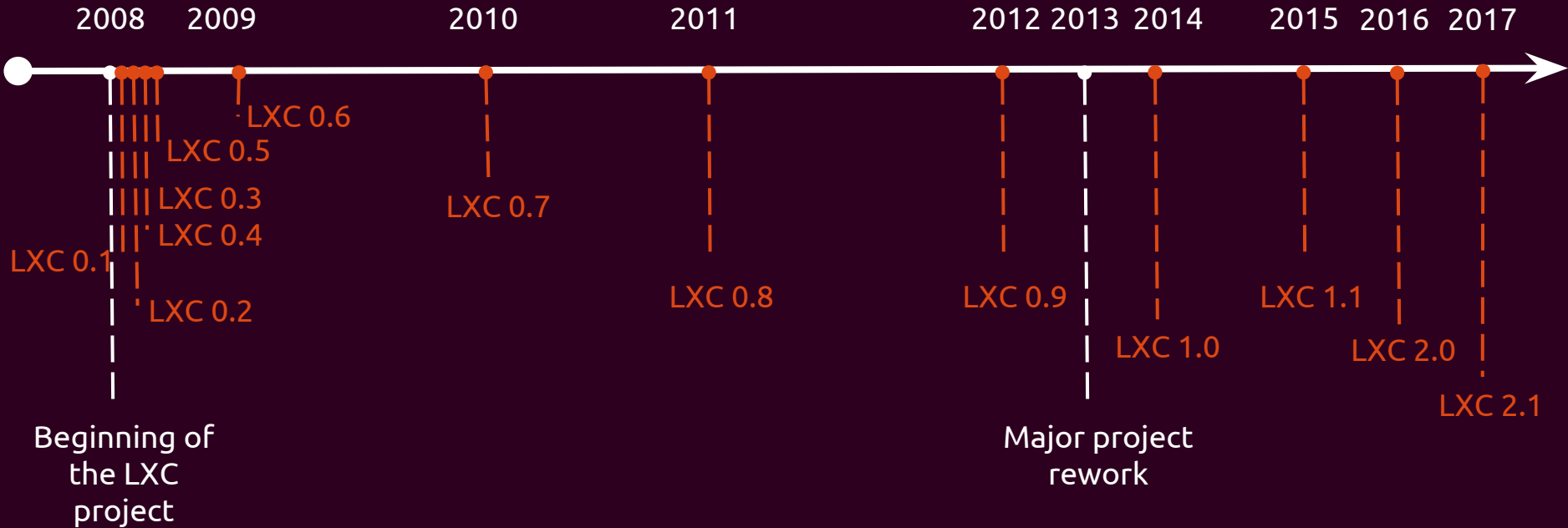
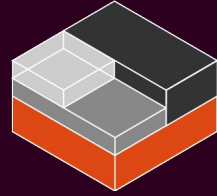
Linux Piter 2017
Санкт-Петербург, Россия

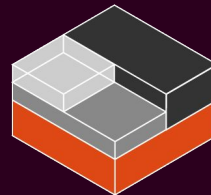


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<https://cbrauner.wordpress.com>

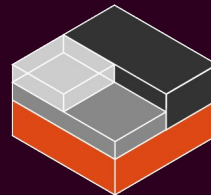
the history of LXC

Over 9 years of Linux system containers

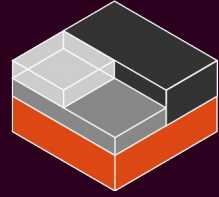




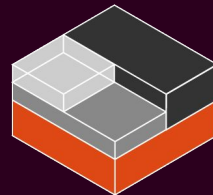
containers don't exist



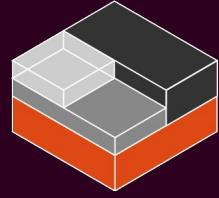
userspace & containers



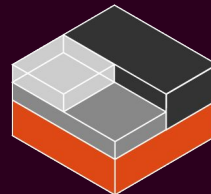
PID namespaces & containers



process containers

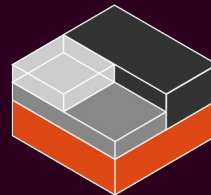


system containers



being PID 1
with great power comes great responsibility

LXD



nova-lxd

command line tool

your own client/script ?

LXD REST API

LXD

LXC

Linux kernel

Host A

LXD

LXC

Linux kernel

Host B

LXD

LXC

Linux kernel

Host C

LXD

LXC

Linux kernel

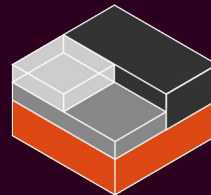
Host D

LXD

LXC

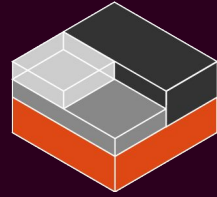
Linux kernel

Host ...



Let's try some commands

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Questions?

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