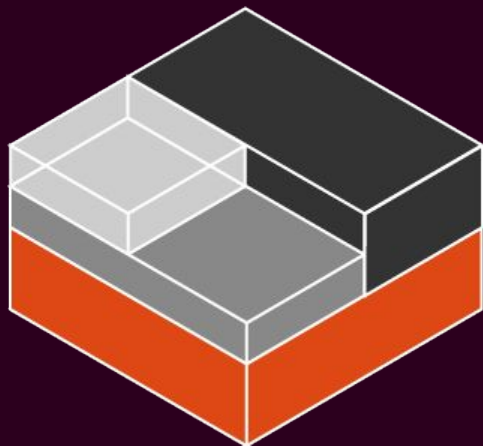


# LXD - System Containers



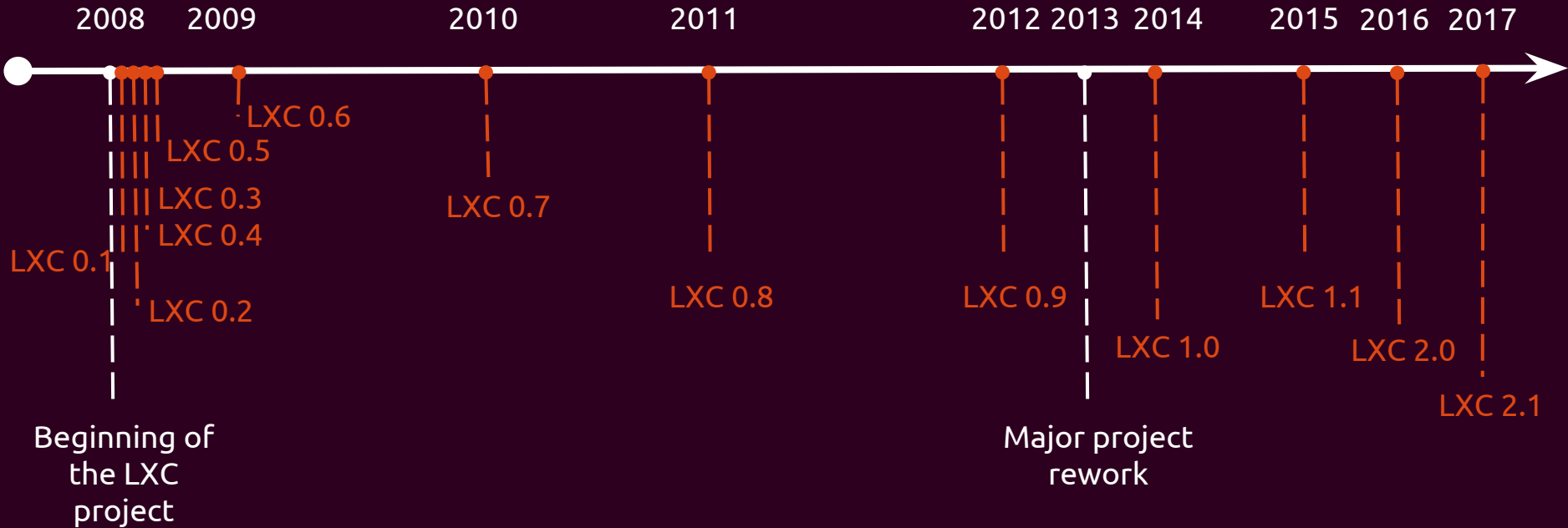
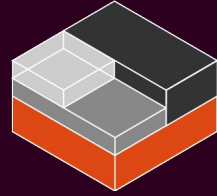
Open Source Summit Europe  
Prague, Czech

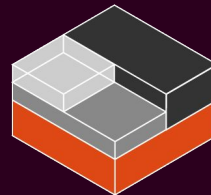


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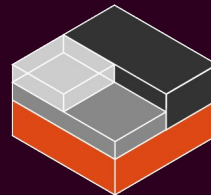
# the history of LXC

Over 9 years of Linux system containers

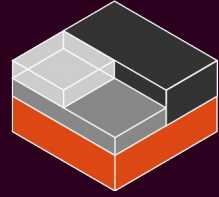




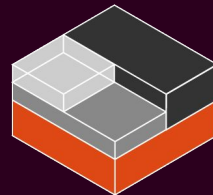
containers don't exist



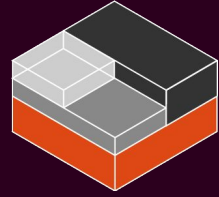
userspace & containers



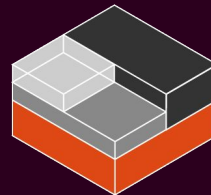
# PID namespaces & containers



process containers



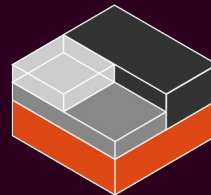
system containers



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

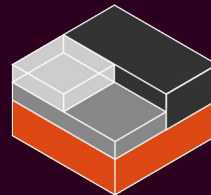
Host D

LXD

LXC

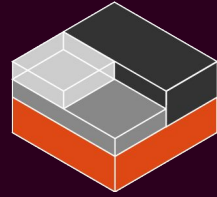
Linux kernel

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>