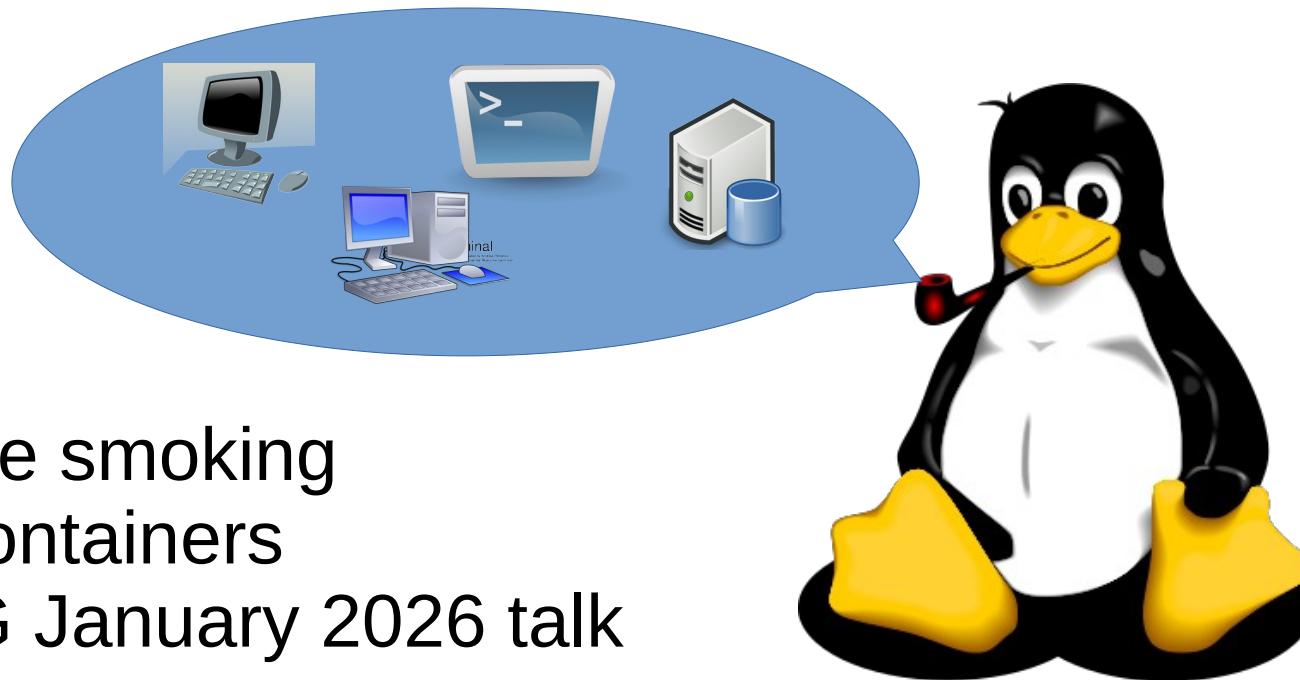
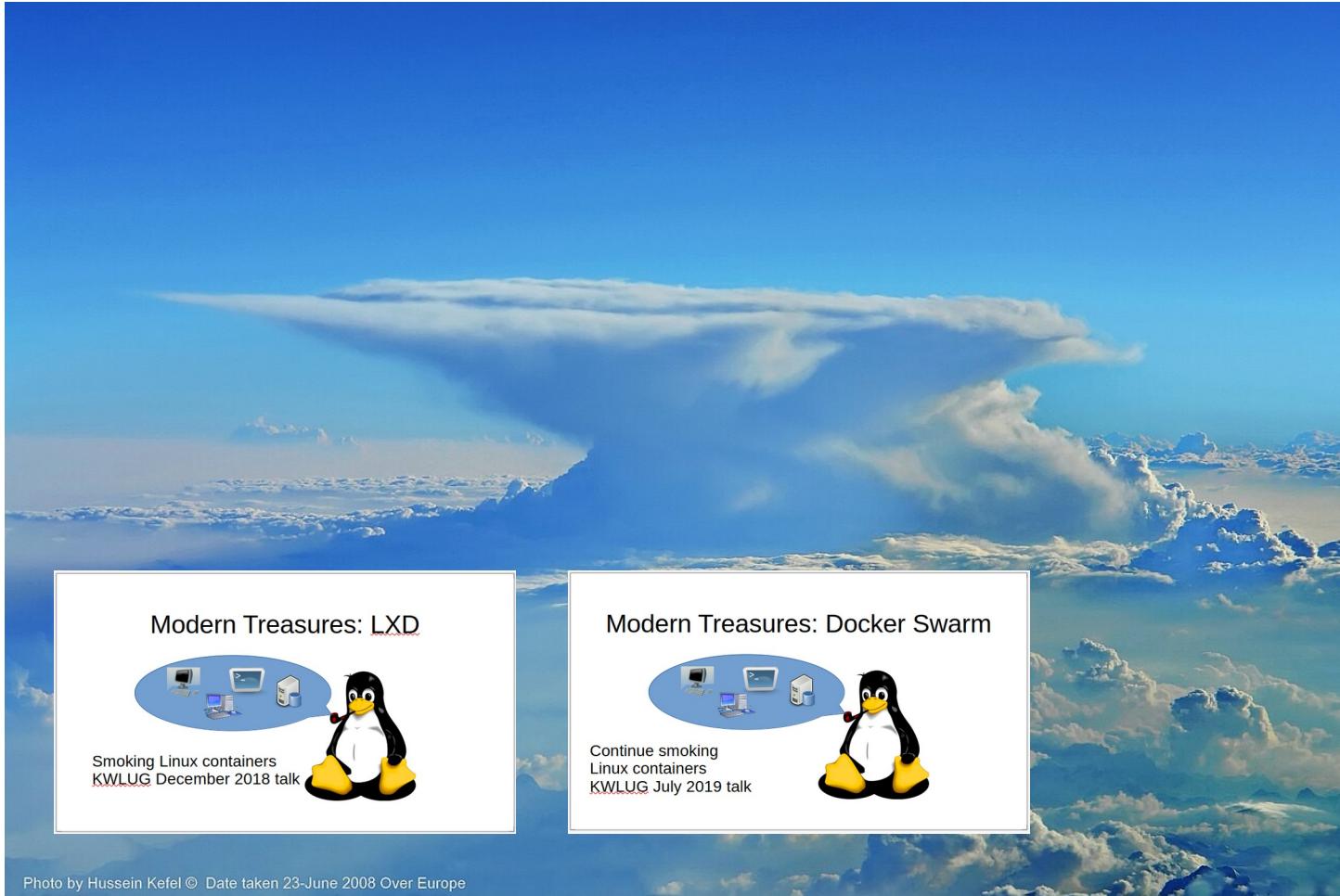


Modern Treasures: Incus

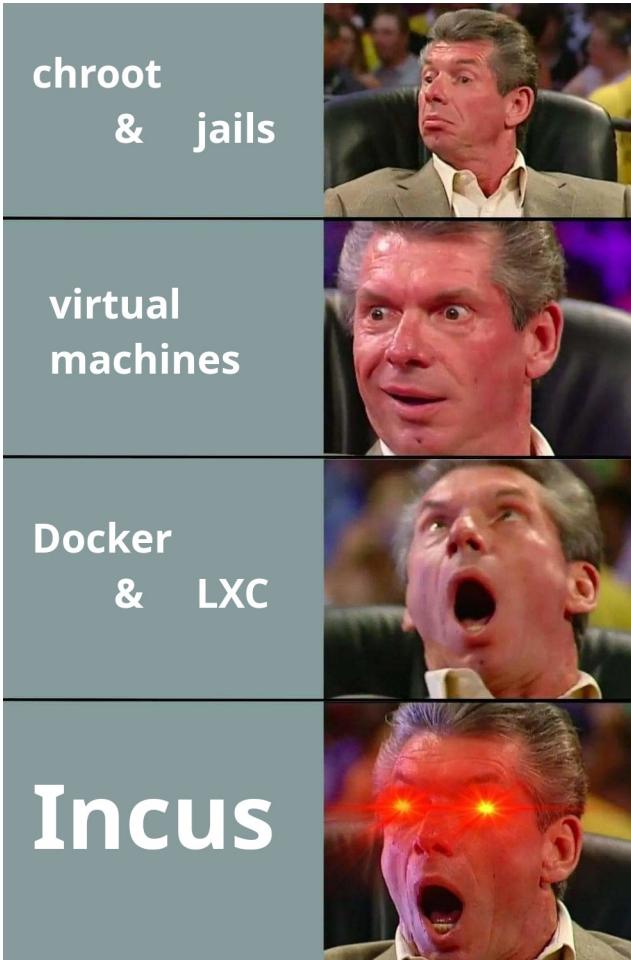


Continue smoking
Linux containers
KWLUG January 2026 talk

Incus – the biggest cloud of them all



Options for many things in one box:



Incus demo showing that only few sub-commands are needed

- `incus ls`
- `incus launch <init_image> <container_name> [--vm]`
- `incus delete <container_name> [-f]`
- `incus start/stop/restart <container_name>`
- `incus exec <container_name> -- ... command`
- `incus file pull <container_name>/src <local>/`
- `incus file push <local> <container_name>/destination`

Image building vs Docker build file

```
FROM ubuntu           incus launch ubuntu build-container
# node 10 and minimal
RUN apt-get update   incus exec build-container -- apt-get update
RUN apt-get install aincus exec build-container -- apt-get install apt-utils -y
RUN apt-get upgrade -y
RUN apt-get install c.....
RUN curl -sL https://o...
RUN apt-get install -y
# gcc and g++
RUN apt-get install -y
    pkg-config bu...
# rust
RUN curl https://sh.r...
    chmod u+x /root/...
    /root/install...
    rm /root/install...
    ln -s /root/...
incus stop build-container
incus publish build-container my-image
incus delete build-container
```

Modern habits: make a bunch of image for own specific requirements, i.e. go wild



<https://linuxcontainers.org/incus/docs/main/images/>

Application containers (decade in)



Solomon Hykes
@solomonstre

...

If WASM+WASI existed in 2008, we wouldn't have needed to created Docker. That's how important it is. Webassembly on the server is the future of computing. A standardized system interface was the missing link. Let's hope WASI is up to the task!



Lin Clark  @linclark · Mar 27, 2019

WebAssembly running outside the web has a huge future. And that future gets one giant leap closer today with...



Announcing WASI: A system interface for running WebAssembly outside the web (and inside it too)

hacks.mozilla.org/2019/03/standa...

[Show this thread](#)

4:39 PM · Mar 27, 2019 · Twitter Web Client

Dotted i's and crossed t's

- Clustering: <https://linuxcontainers.org/incus/docs/main/clustering/>

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- IncusOS to build own cloud in style



