Video4Linux Userspace

libraries and servers

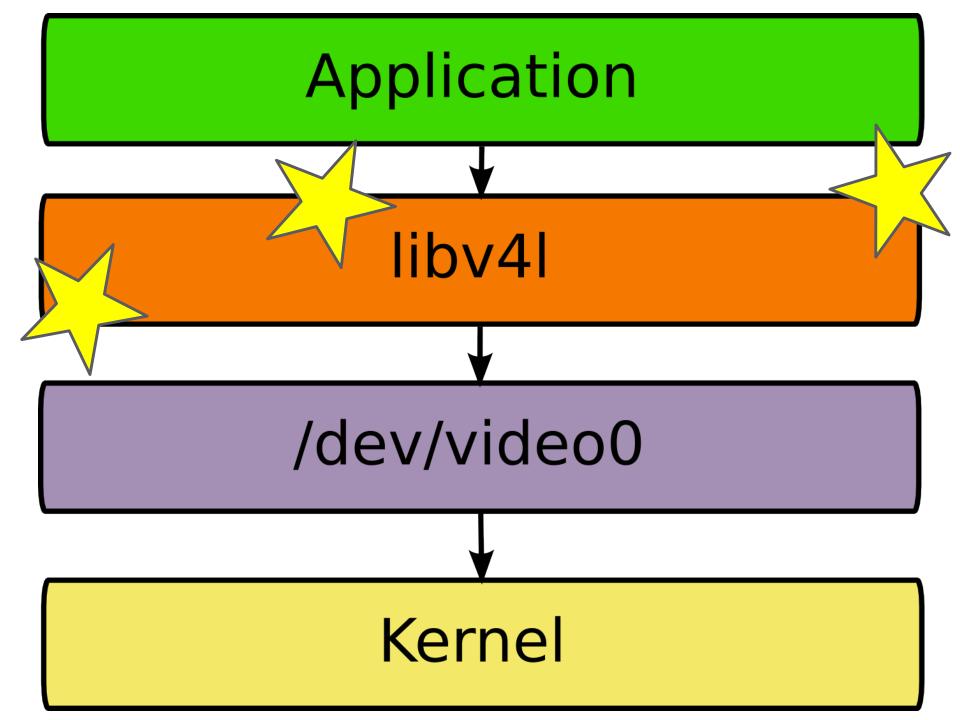
Brandon Philips

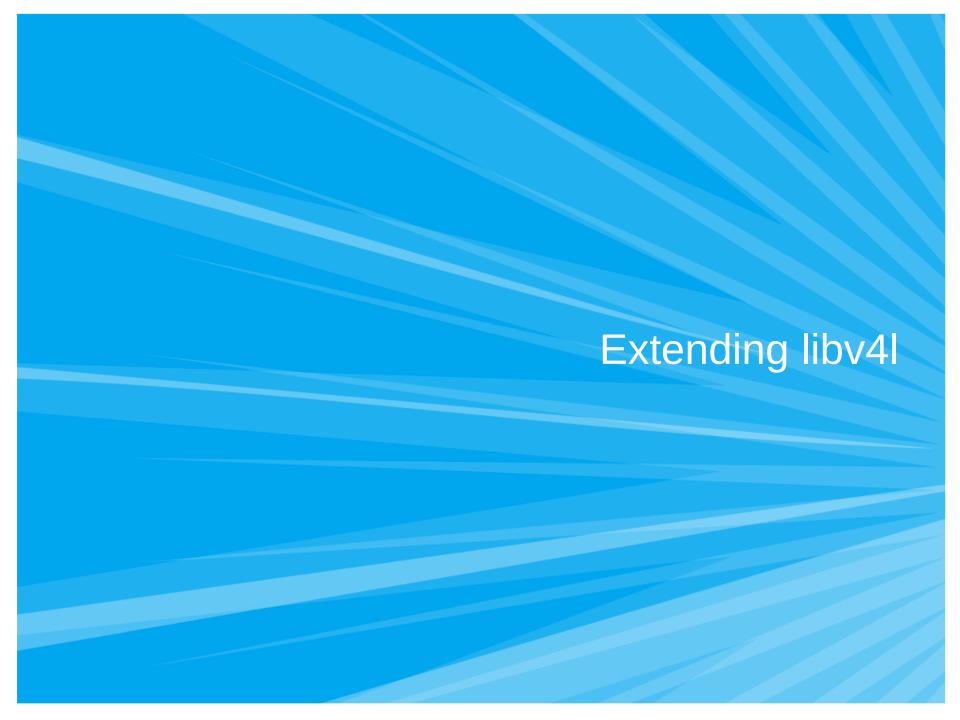
SuSE Labs bphilips@suse.de

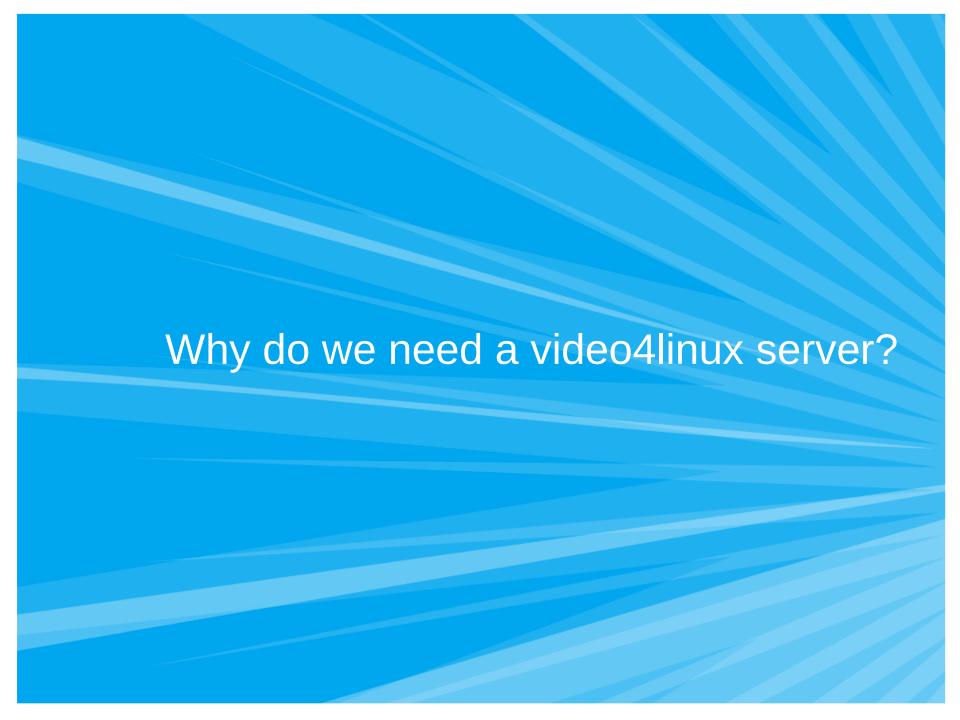


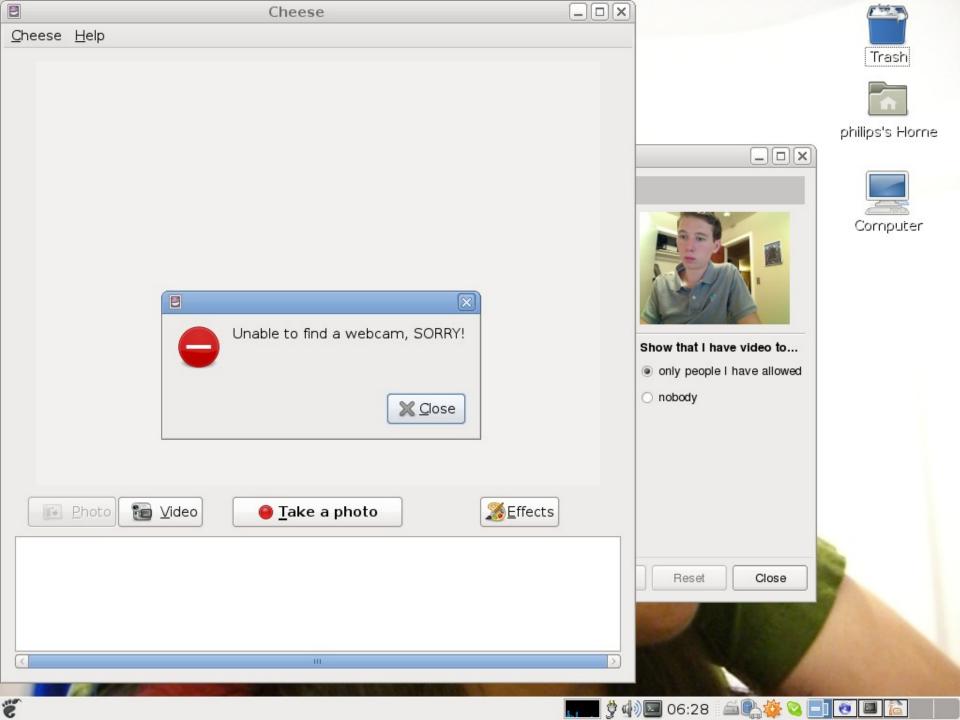


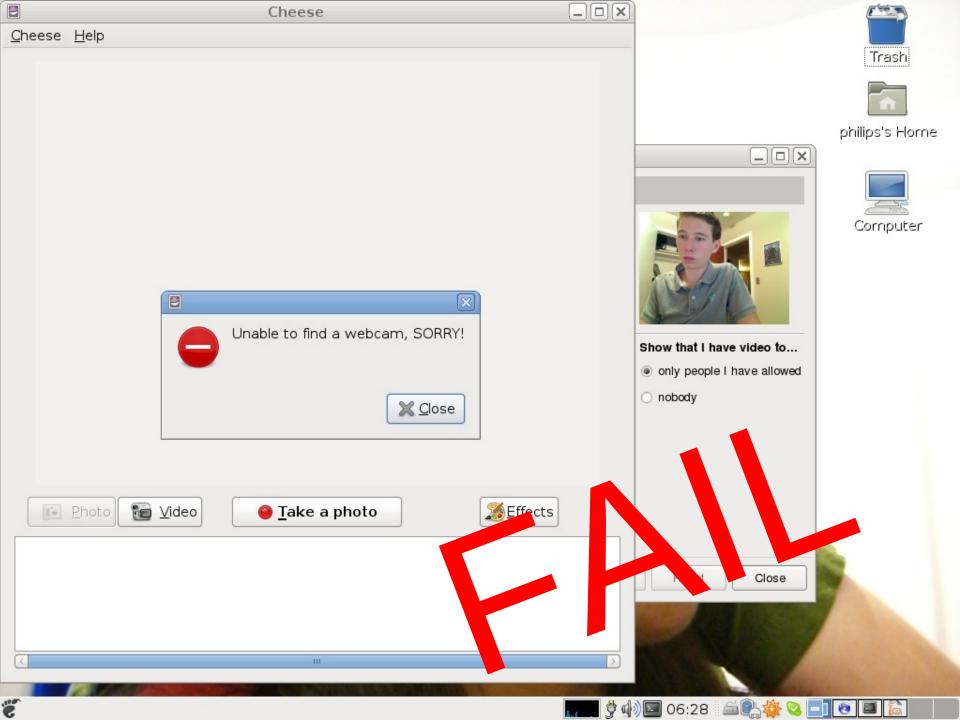
Application /dev/video0 Kernel



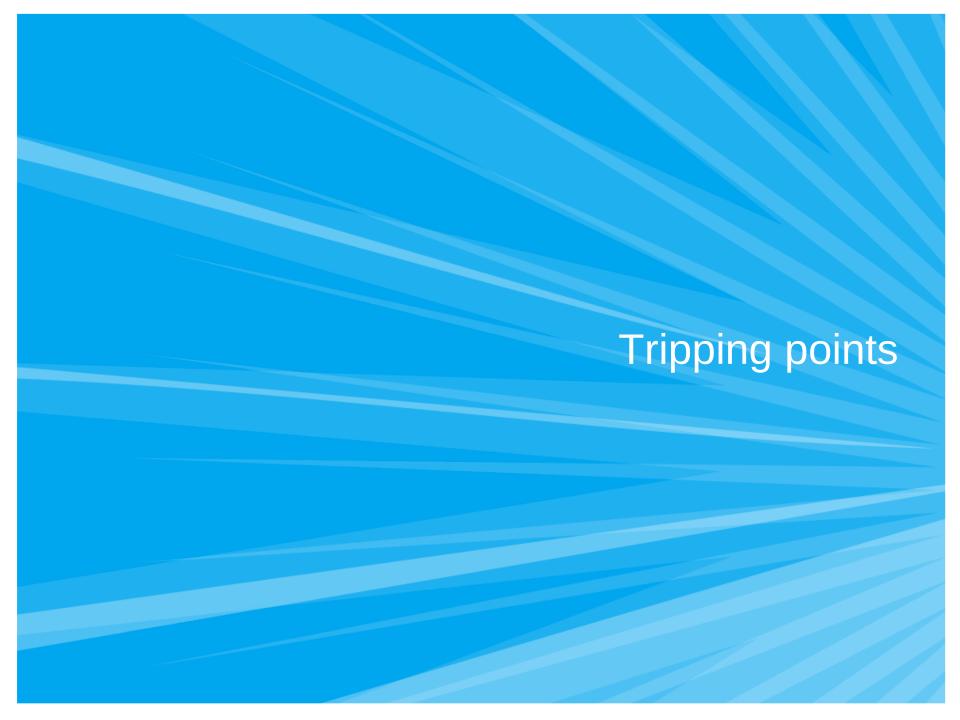










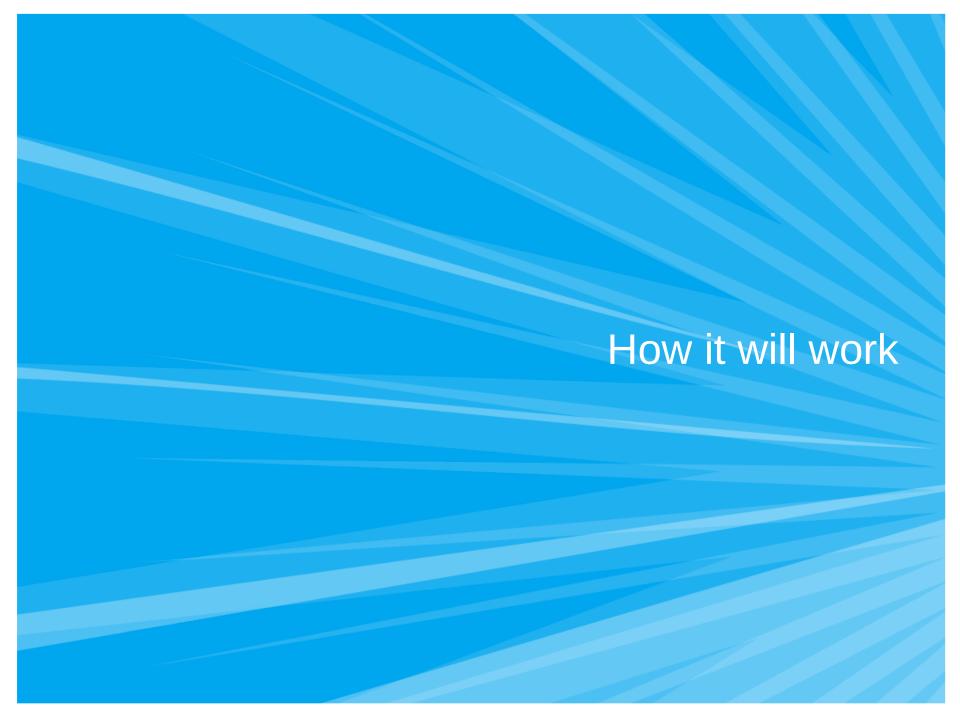




-EBUSY for non-libv4l applications







Application libv4l proxy /dev/video0 Kernel

N

IOCTLs

- REQBUFS ignored, server takes maximum buffers
- DQBUF increase refcount
- QBUF decrease refcount
- S_FMT ignored, could do userspace magic
- Everything else passes through



