

# Nested servers – Mir & Wayland

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# So What's Mir?

- Library to create display-server-compositor-shell-things
- Client library to talk to them
- ~90KLoC of C++ code and headers
  - Half of which are tests

# So What's Mir?

- Some design decisions differ from Wayland
  - API, not protocol
  - Server allocated window colour buffers
- Different focus
  - By us, for us
  - “accidentally” generally useful

# XMir & XWayland

- Xfree86 extension modules
  - Video DDX integration
  - Input DDX
  - Miscellaneous fun

# We're in yr (video) DDX

- Kindly don't touch the display
- Buffers, please
- Let us get that RANDR for you
- Life's more fun with GLX

# What can we share?

- Glamor-based generic hosted video DDX
- Window manager proxy
- libxcwm?