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?