XR

The present, the future and how to get there.

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Talk to me about

- XR, VR & AR
- [Volt Programming Language](#)
- FPGAs & FOSS
- Amiga (FPGA), mc68k (LLVM)
- Voxel/SVO rendering
- FOSS & Society
- Joining Collabora!
● What is XR
● How do we XR
● Wrapping up
● > What is XR <
● How do we XR
● Wrapping up
What is XR?

- All of the realities
  - Virtual Reality
  - Augmented Reality
  - Mixed Reality
  - ....
What is XR?

- Entertainment
- Work
- Life
What is XR?

- Entertainment
- Work
- Life
What is XR?

- Entertainment
- Work
- Life
What is XR?

- Entertainment
- Work
- Life
• What is XR
• > How do we XR <
• Wrapping up
How do we XR?

Program

Platform

Hardware
What is in a platform

- API
- Driver
- Algorithms
- Compositor
- Input remapping
OpenXR
OpenXR

- An API like OpenGL & Vulkan
- Coming soon!
- OpenXR Talk @ GDC
XR FOSS Community
What is XR
How do we XR
> Wrapping up <
Wrapping up

- Such future
- Wow
- Much work
Talk to me about

- Questions about this talk
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Thank You
Questions?