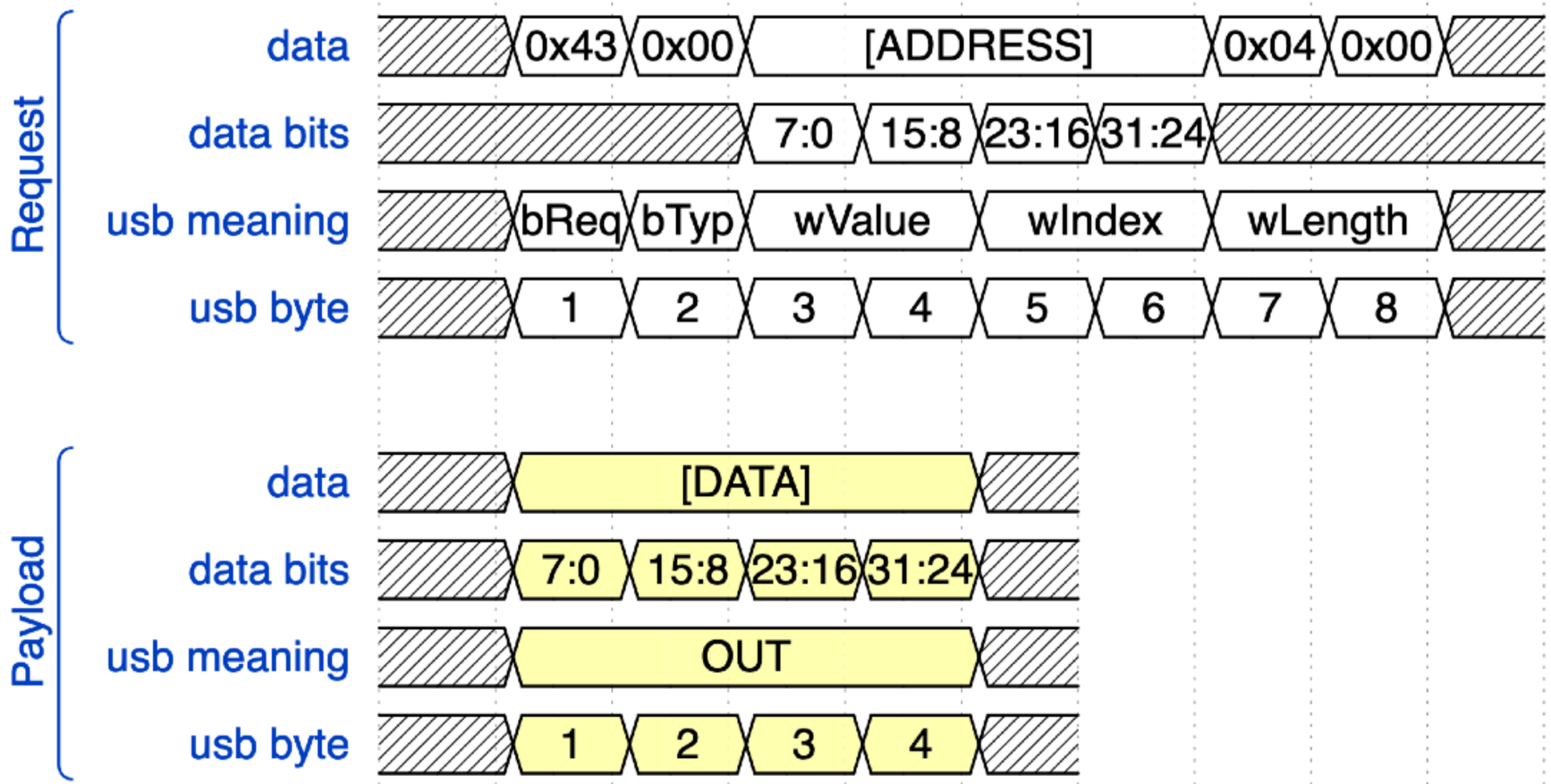
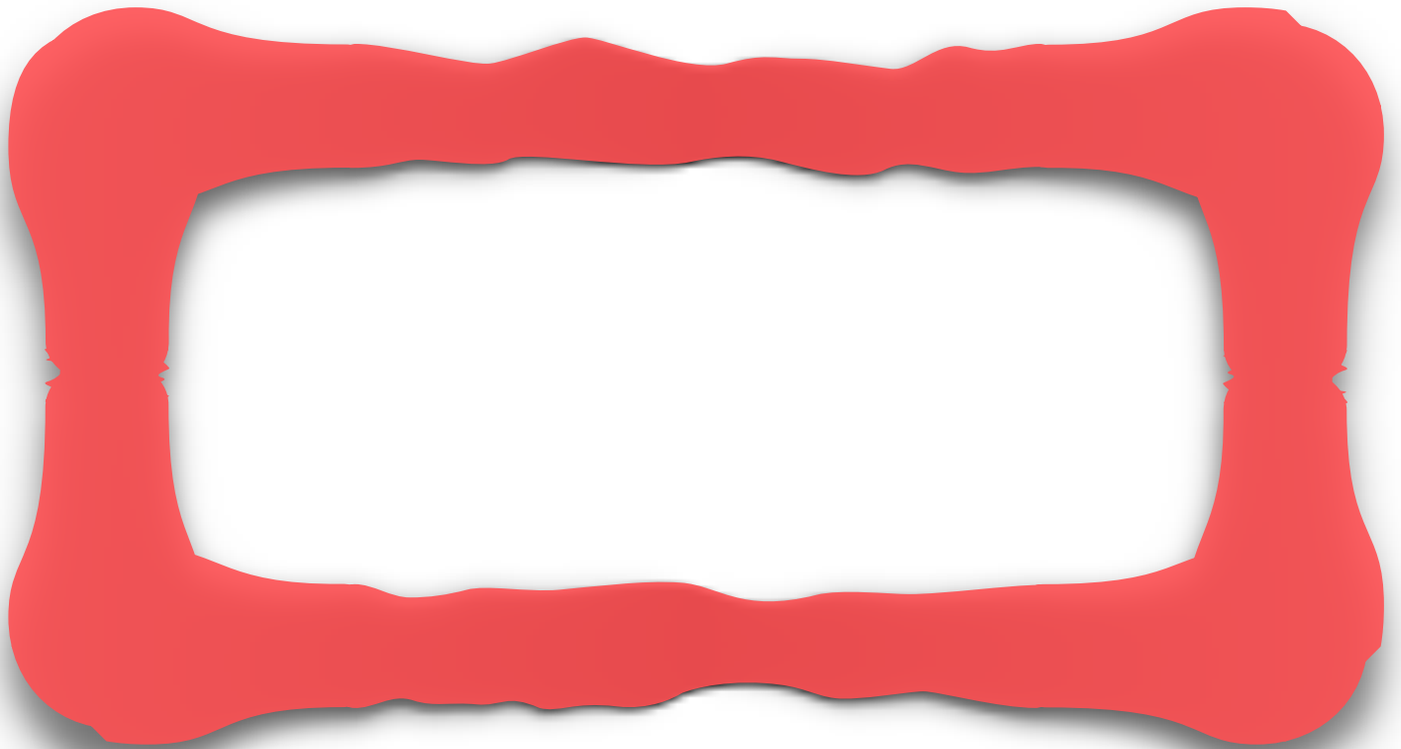
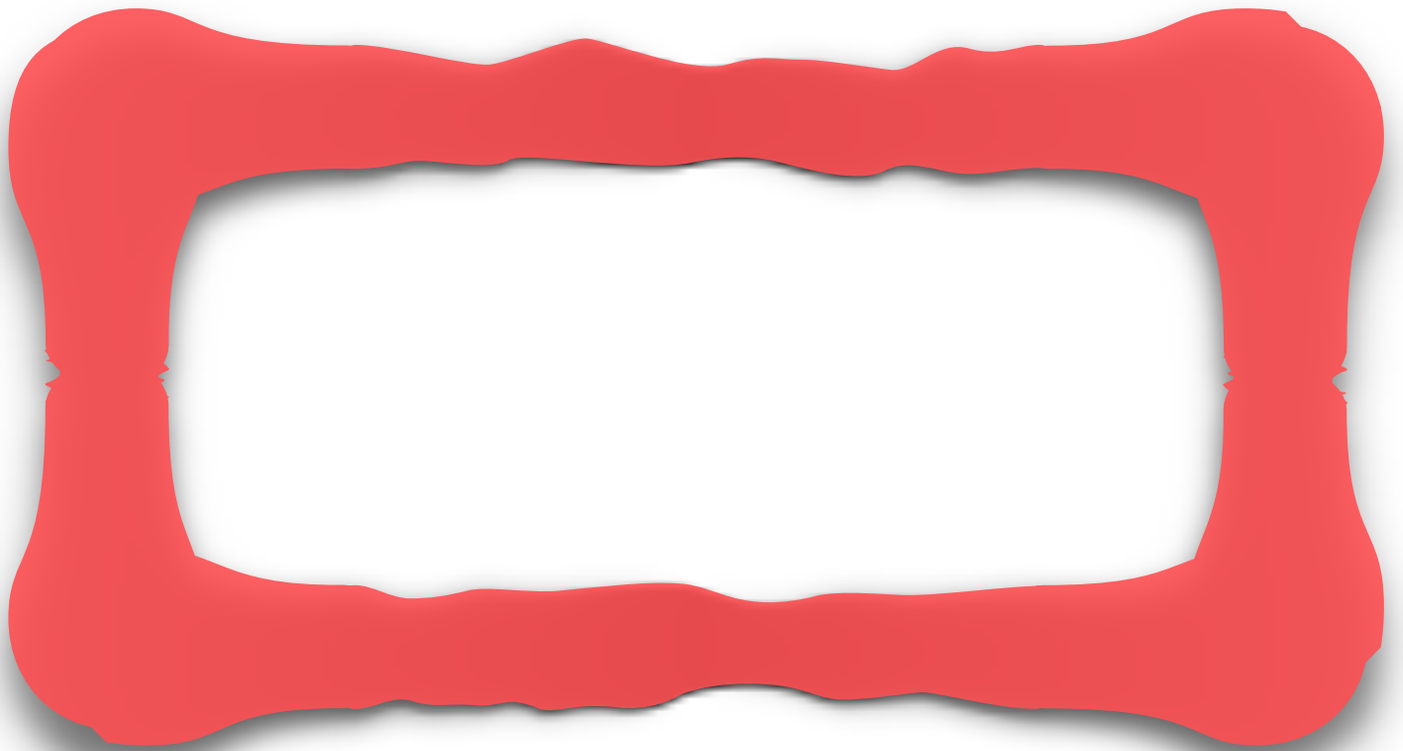
USB Wishbone Debug Protocol

The protocol transfers four bytes a time in big-endian (i.e. USB) order. It uses SETUP packets with the special type (0x43) as an *attention* word. This is then followed by an `OUT` packet.



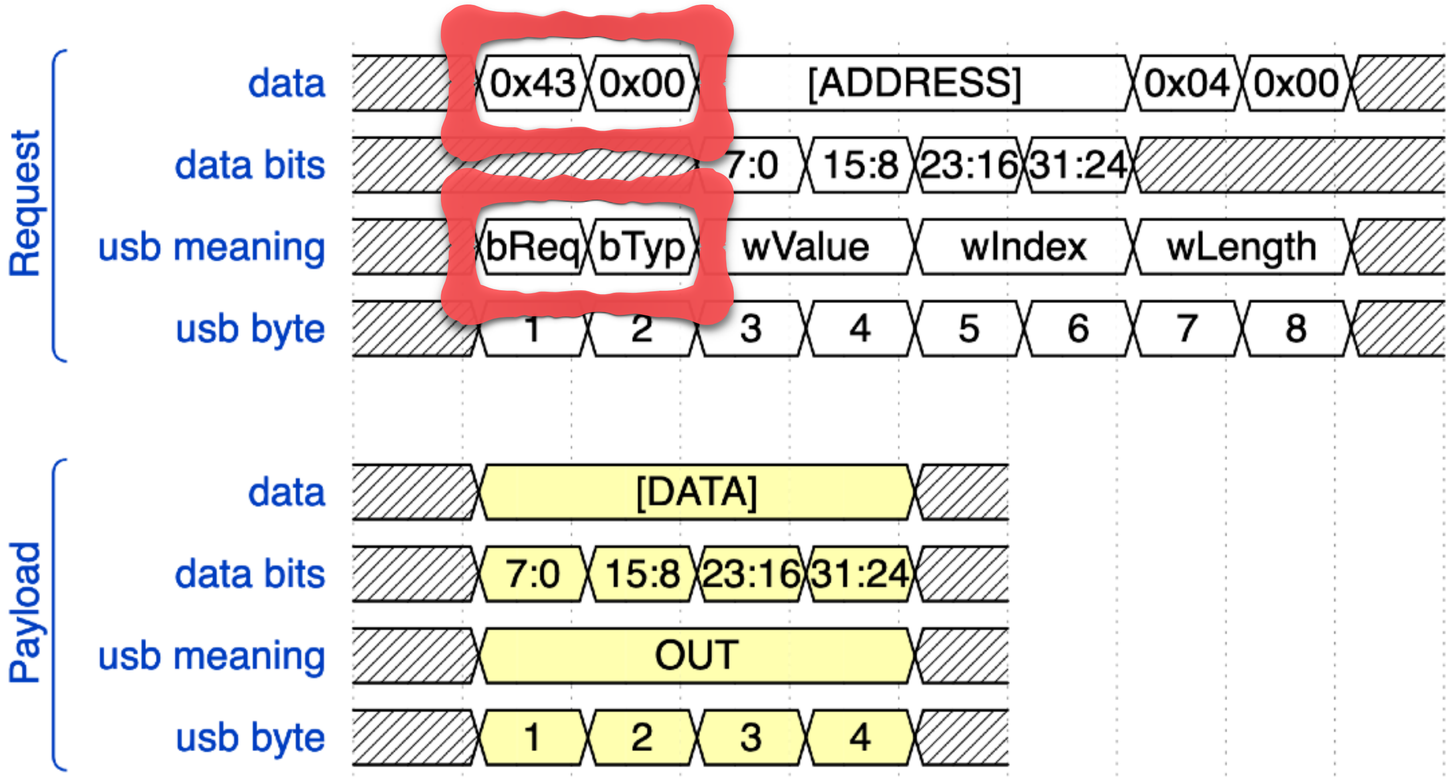




Connecting This to the World

USB Wishbone Debug Protocol

The protocol transfers four bytes a time in big-endian (i.e. USB) order. It uses SETUP packets with the special type (0x43) as an *attention* word. This is then followed by an `OUT` packet.



What Do We Need for a Debugger?

VexRiscv on LiteX

Memory	Registers	Control
✓ Peek	✓ Read	✓ Halt
✓ Poke	✓ Write	✓ Step
		✓ Reset
		✓ Break