RISC-V 32-bit time_t kernel ABI

Wednesday, 14 November 2018 16:00 (20 minutes)

The 32-bit RISC-V glibc port is not currently upstream so we’ve taken the opportunity to leave the 32-bit Linux ABI a bit slushy in the hope that we can avoid any known to be legacy interfaces. The last major interface remaining that we plan on deprecating is the 32-bit time_t interface, and while we don’t want to delay our glibc release just to have a clean time_t we think it’s possible to get everything done in time.

This session exists to determine if this is feasible, and assuming it is feasible how we can go about doing it.

I agree to abide by the anti-harassment policy

Presenters: Mr PATRA, Atish (Western Digital); Mr DABBELT, Palmer (SiFive)

Session Classification: Toolchain MC