

SCTP@Hackathon

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SCTP

- SCTP is a transport protocol
- The reference implementation is used in the FreeBSD kernel and in major Web browsers for WebRTC
<https://code.google.com/p/sctp-refimpl/>
- packetdrill allows testing of transport stacks like SCTP, TCP, UDP, and UDPLite
<https://github.com/nplab/packetdrill>

Potential Projects

- Generic SCTP
 - Improve SCTP Dynamic Stream Reconfiguration
 - CRC32c optimisations (make use of support of Intel CPUs)
- Userland SCTP stack `usrctp`
 - Add `cmake` support for the userland stack (see issue tracker)
 - Integrate `usrctp` with Multistack
- `packetdrill`
 - Improve SCTP support in `packetdrill` (see issue tracker)
 - Write `packetdrill` test scripts for `packetdrill`
- Whatever you are interested in related to SCTP...