Status of SCTP IDs

Michael Tüxen

tuexen@fh-muenster.de

draft-ietf-tsvwg-sctpsocket-19.txt

- Still in the process of getting the ID synced with implementations and providing a way to support future extensions.

- Mainly focusing on FreeBSD, Linux and Solaris.

- Number of found issues by users going down.

draft-ietf-tsvwg-sctp-strrst-00.txt

- Protocol is complete.

- Implemented in FreeBSD 8.0.
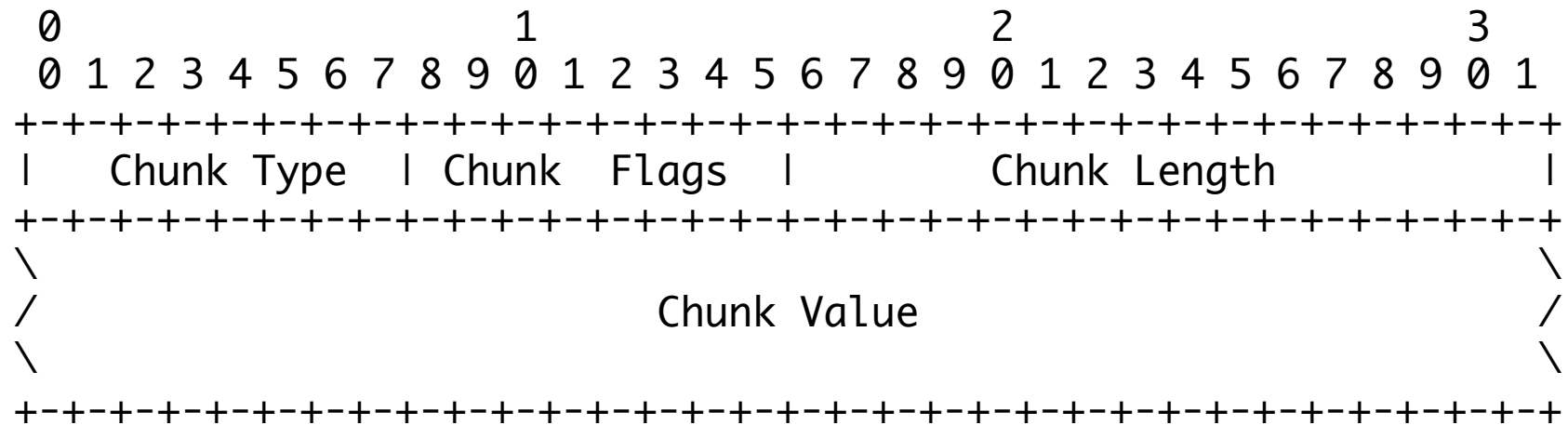
- Socket API needs some work.

draft-ietf-tsvwg-dtls-for-sctp-01.txt

- Security considerations may need some work. Eric?

- The rest is stable, ready for WG LC.

- Prototype implementation for OpenSSL is available at
http://sctp.fh-muenster.de/dtls-patches.html

draft-tuexen-tsvwg-sctp-sack-immediately-02.txt

- Just completed with socket API considerations.
- Partially implemented in FreeBSD.

Registering Chunk Flags

```
 0                   1                   2                   3
 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
|   Chunk Type  | Chunk  Flags  |          Chunk Length         |
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
\                                                               \
/                          Chunk Value                          /
\                                                               \
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
```

Future IDs

- Implementation Considerations
- PR-SCTP Policies