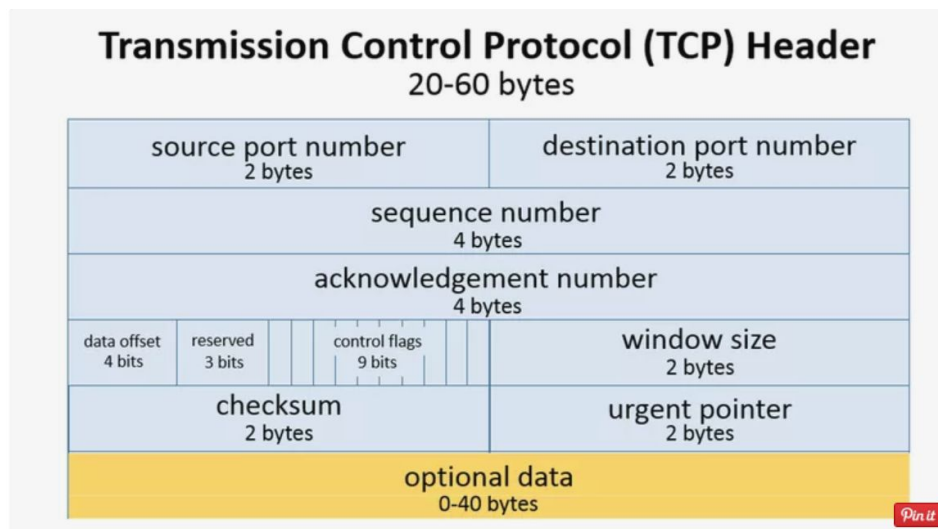


TCP

<https://www.lifewire.com/tcp-headers-and-udp-headers-explained-817970>



UDP:

UDP Header Format

Because UDP is significantly more limited in capability than TCP, its headers are much smaller. A UDP header contains 8 bytes, divided into the following four required fields:

- Source port number (2 bytes)
- Destination port number (2 bytes)
- Length of data (2 bytes)
- UDP checksum (2 bytes)

UDP inserts header fields into its message stream in the order listed above.

- 01** Source and destination UDP port numbers are the communication endpoints for sending and receiving devices.
 - 02** The length field in UDP represents the total size of each datagram including both header and data. This field ranges in value from a minimum of 8 bytes (the required header size) to sizes above 65,000 bytes.
 - 03** Similar to TCP, a UDP checksum allows receivers to cross-check incoming data for any corrupted bits of the message.
-

Points for us:

- "UDP inserts header fields into its message stream"...is this the same approach we're taking?
- In our "header", do we need to include an id for the sender as well as the receiver?