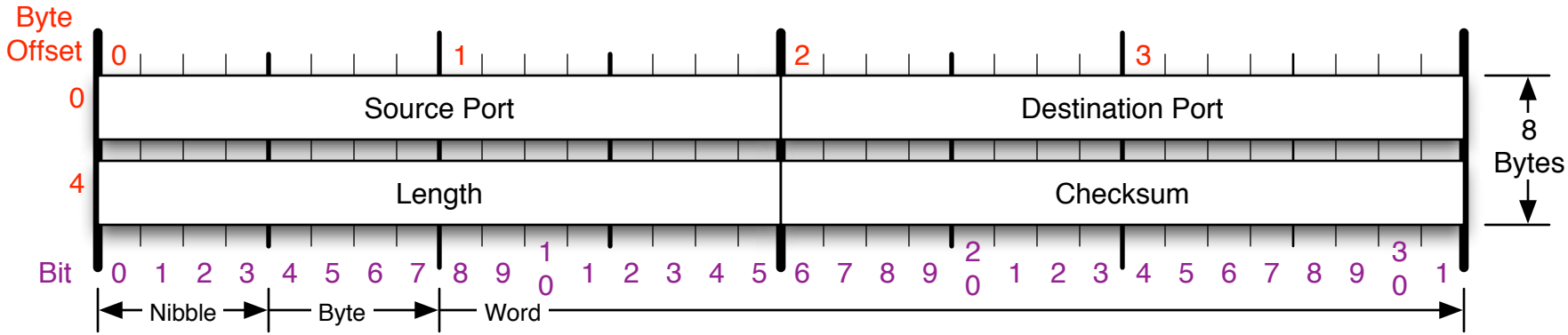
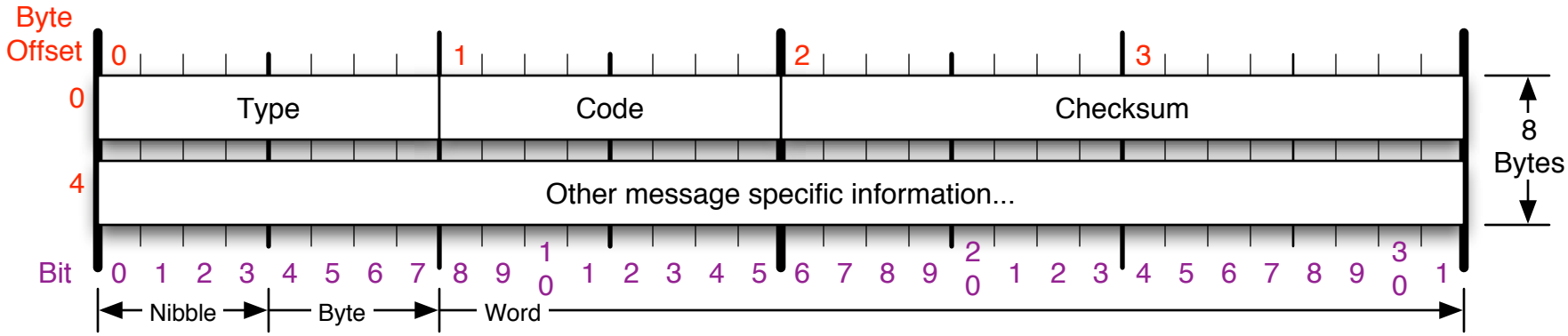
UDP Header



ICMP Header



ICMP Message Types

Type	Code/Name
0	Echo Reply
3	Destination Unreachable
0	Net Unreachable
1	Host Unreachable
2	Protocol Unreachable
3	Port Unreachable
4	Fragmentation required, and DF set
5	Source Route Failed
6	Destination Network Unknown
7	Destination Host Unknown
8	Source Host Isolated
9	Network Administratively Prohibited
10	Host Administratively Prohibited
11	Network Unreachable for TOS
12	Host Unreachable for TOS
13	Communication Administratively Prohibited
4	Source Quench
5	Redirect
0	Redirect Datagram for the Network
1	Redirect Datagram for the Host
2	Redirect Datagram for the TOS & Network
3	Redirect Datagram for the TOS & Host
8	Echo
9	Router Advertisement
10	Router Selection
11	Time Exceeded
0	TTL Exceeded in Transit
1	Fragment Reassembly Time Exceeded
12	Parameter Problem
0	Pointer indicates the error
1	Missing a Required Option
2	Bad Length
13	Timestamp
14	Timestamp Reply
15	Information Request
16	Information Reply
17	Address Mask Request
18	Address Mask Reply
30	Traceroute

Checksum

Checksum of entire UDP segment and pseudo header (parts of IP header) (for UDP)

Checksum of ICMP header (for ICMP)

RFC 768 and 792

Please refer to RFC 768 for the complete User Datagram Protocol (UDP) Specification, and to RFC 792 for the Internet Control Message protocol (ICMP) specification.

Copyright 2004 - Matt Baxter - mjb@fatpipe.org