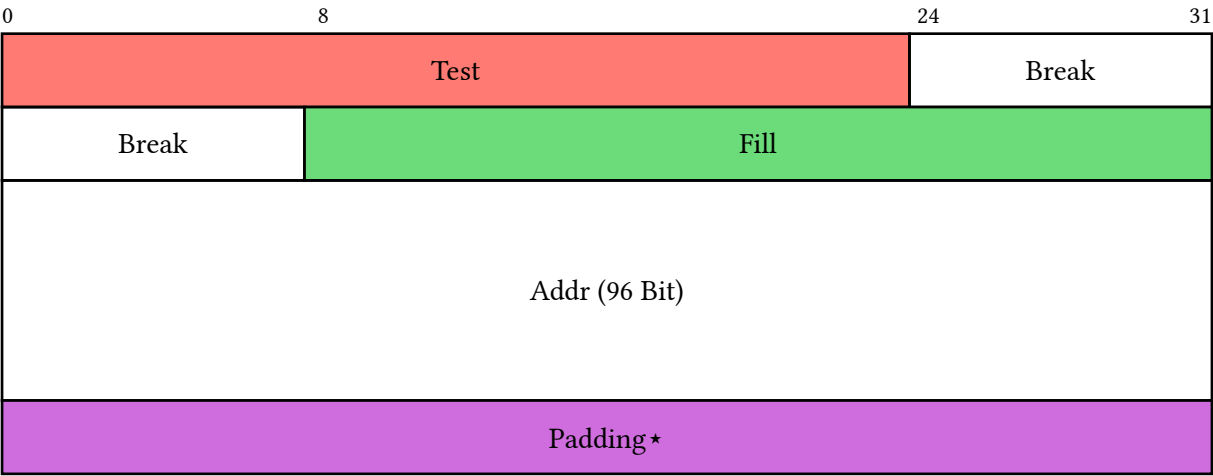


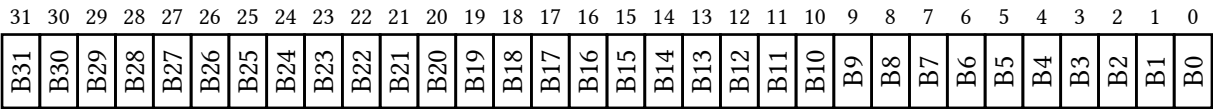
Bytefield

Colored Example



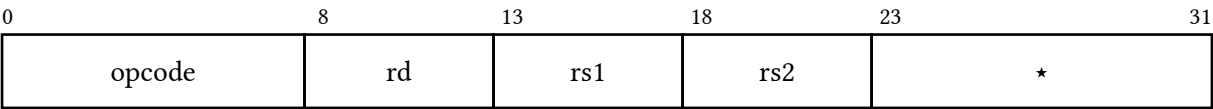
Show all bits in the bitheader

Show all bit headers with bitheader: "all"



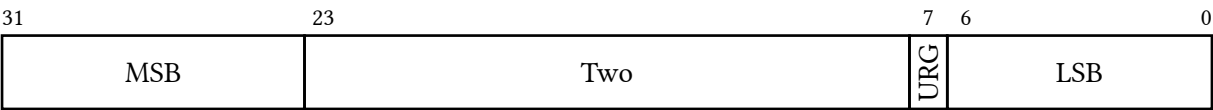
Smart bit header

Show start bit of each bitbox with bitheader: "smart".



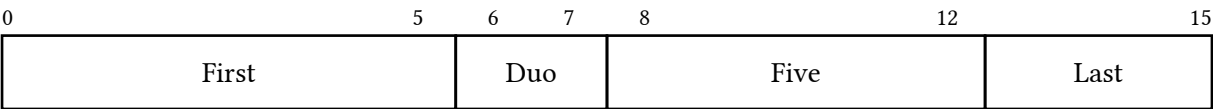
Reversed bit order

Select msb_first: true for a reversed bit order.

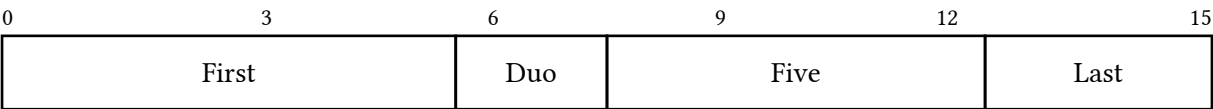


Custom bit header

Pass an array to specify each number.



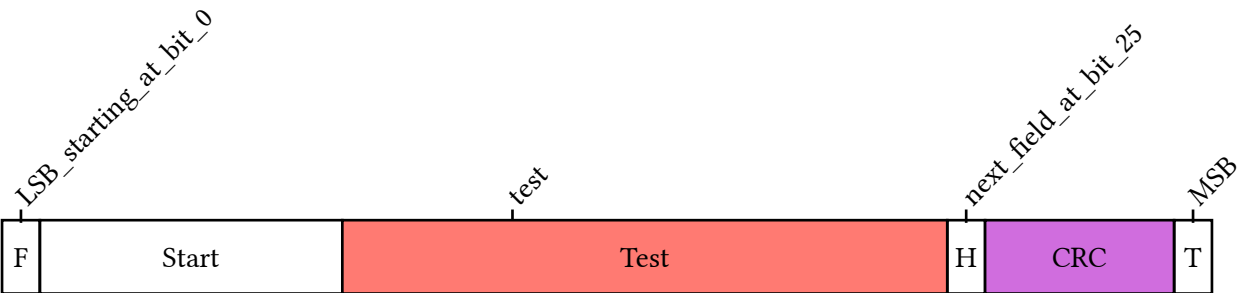
Pass an integer to show all multiples of this number.



Text header instead of numbers [WIP]

Pass an dictionary as bitheader. Example:

```
#let myCustomTextBitheader = (  
  "0": "LSB_starting_at_bit_0",  
  "13": "test",  
  "24": "next_field_at_bit_24",  
  "31": "MSB",  
  angle: -40deg,  
  marker: auto // or none  
)
```

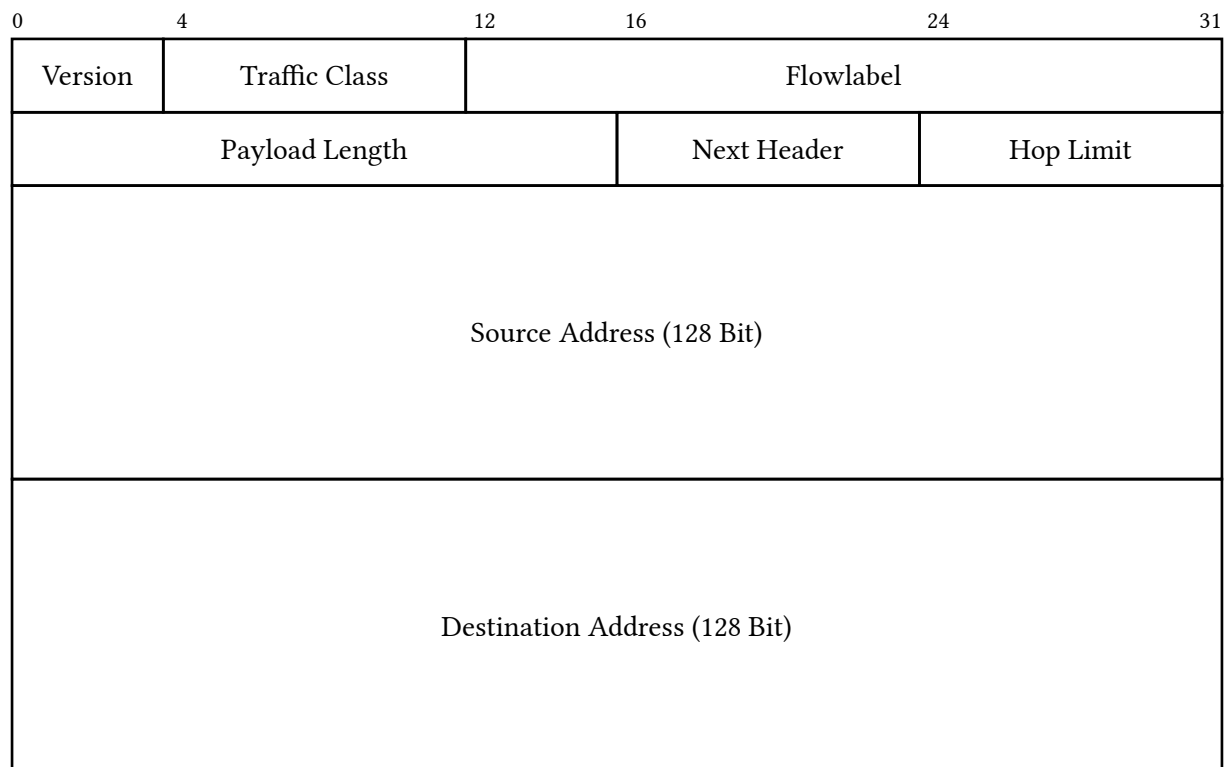


Some predefined network protocols

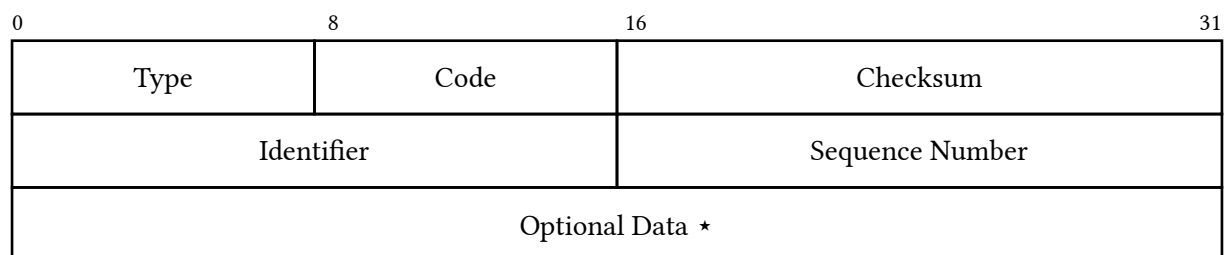
IPv4

0	4	8	16	19	24	31
Version	TTL	TOS	Total Length			
Identification			Flags	Fragment Offset		
TTL		Protocol	Header Checksum			
Source Address						
Destination Address						
Options					Padding	

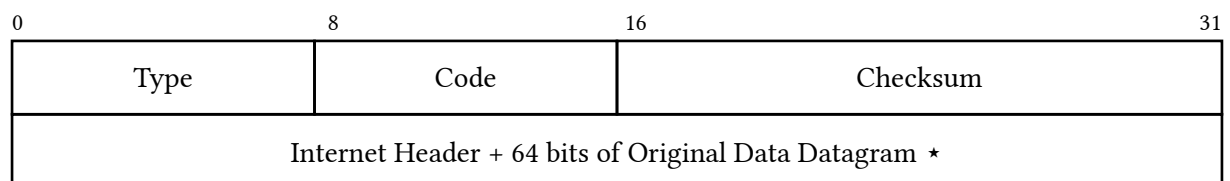
IPv6



ICMP



ICMPv6



DNS

0	16	31
Identification		Flags
Number of Questions		Number of answer RRs
Number of authority RRs		Number of additional RRs
Questions (64 Bit)		
Answers (variable number of resource records) (64 Bit)		
Authority (variable number of resource records) (64 Bit)		
Additional information (variable number of resource records) (64 Bit)		

TCP

0	4	10	16	24	31
Source Port			Destinatino Port		
Sequence Number					
Acknowledgment Number					
Data Offset	Reserved		Flags	Window	
Checksum			Urgent Pointer		
Options				Padding	
...DATA...★					

0	4	10	11	12	13	14	15	16	24	31	
Source Port								Destinatino Port			
Sequence Number											
Acknowledgment Number											
Data Offset	Reserved			URG	ACK	PSH	RST	SYN	FIN	Window	
Checksum								Urgent Pointer			
Options										Padding	
...DATA...★											

UDP

0	16	31
Source Port		Destinatino Port
Length		Checksum
...DATA...★		