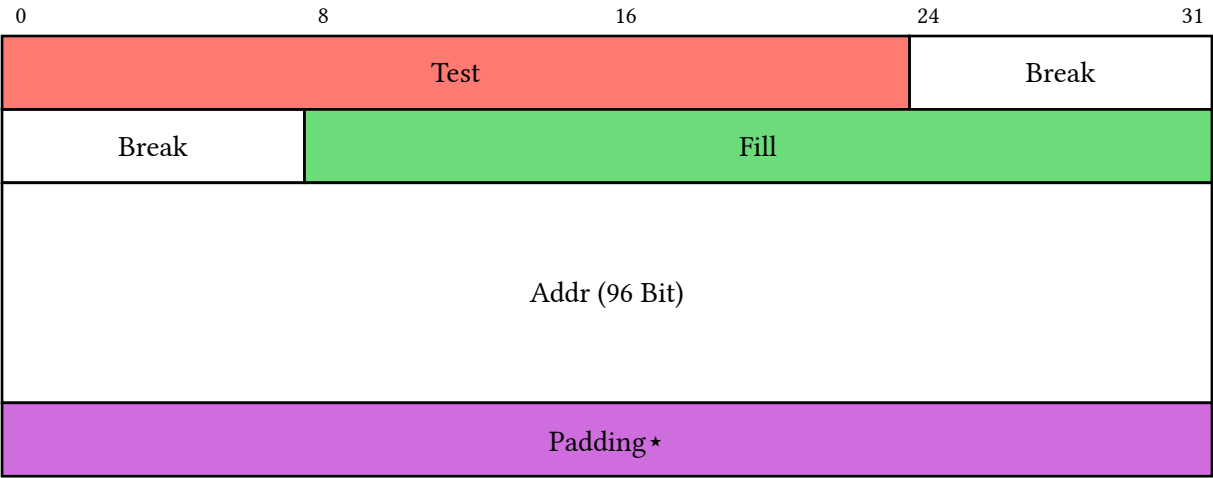


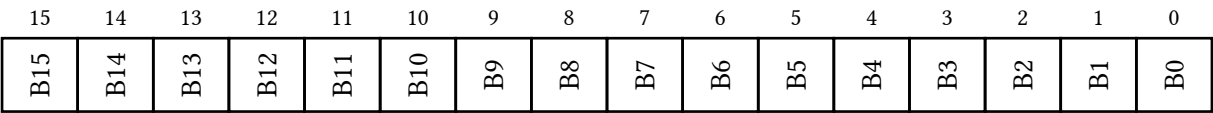
Bytefield

Colored Example



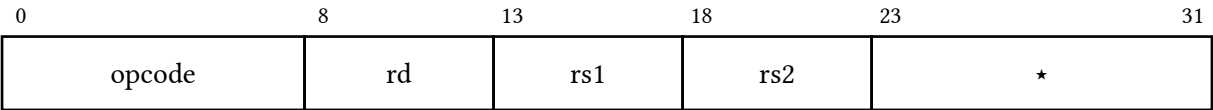
Show all bits in the bitheader

Show all bit headers with bitheader: "all"



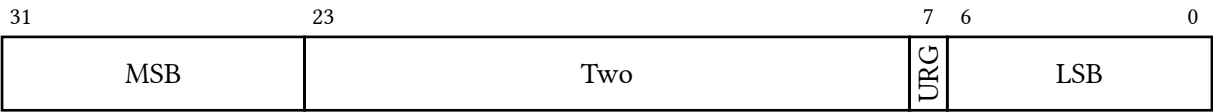
Smart bit header

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



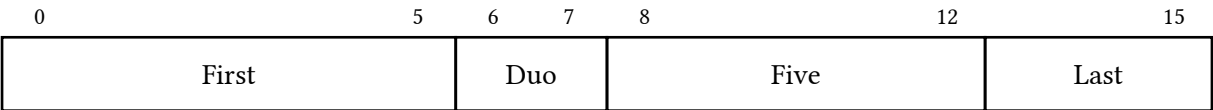
Reversed bit order

Select msb_first: true for a reversed bit order.

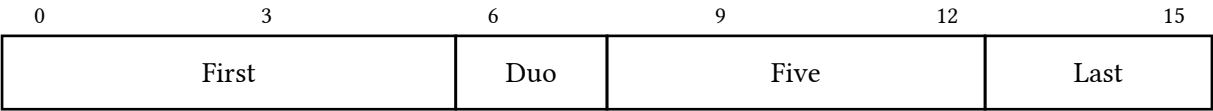


Custom bit header

Pass an array to specify each number.



Pass an integer to show all multiples of this number.



IPv4

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

IPv6

0	8	16	24	31
Version	Traffic Class	Flowlabel		
Payload Length		Next Header	Hop Limit	
Source Address (128 Bit)				
Destination Address (128 Bit)				

ICMP

0	8	16	24	31
Type	Code	Checksum		
Identifier		Sequence Number		
Optional Data ★				

ICMPv6

0	8	16	24	31
Type	Code	Checksum		
Internet Header + 64 bits of Original Data Datagram ★				

DNS

0	8	16	24	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	8	16	24	31
Source Port		Destinatino Port		
Sequence Number				
Acknowledgment Number				
Data Offset	Reserved	Flags	Window	
Checksum		Urgent Pointer		
Options			Padding	
...DATA...★				

0	8	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...*		