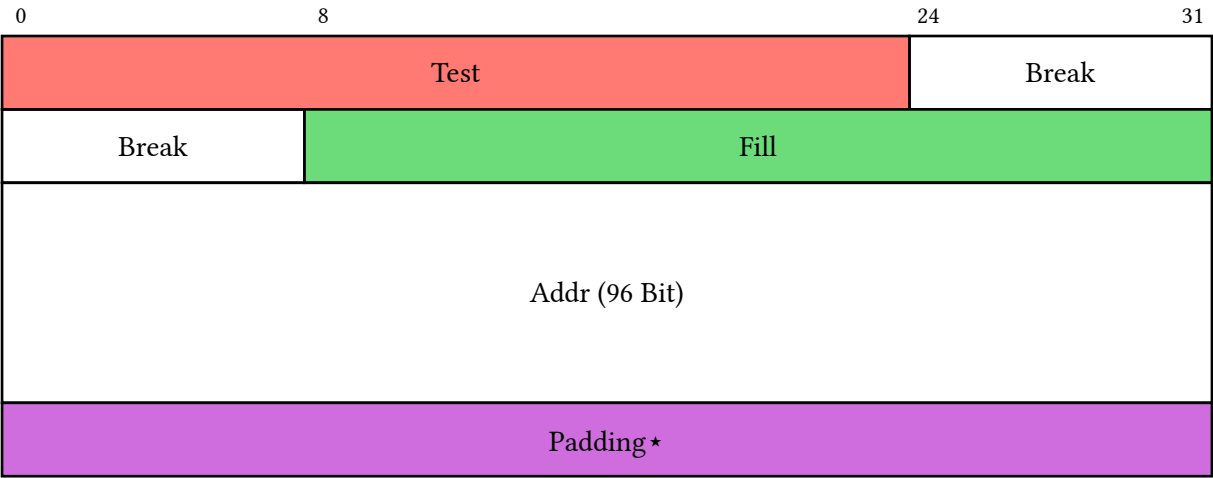


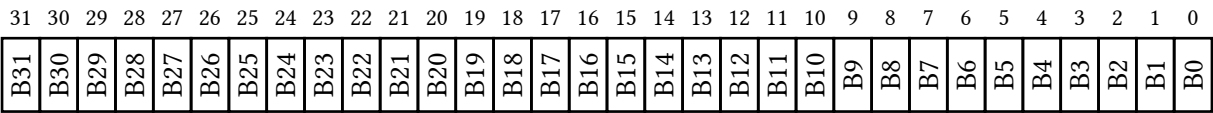
Bytefield

Colored Example



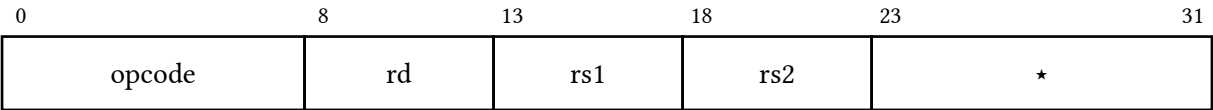
Show all bits in the bitheader

Show all bit headers with bitheader: "all"



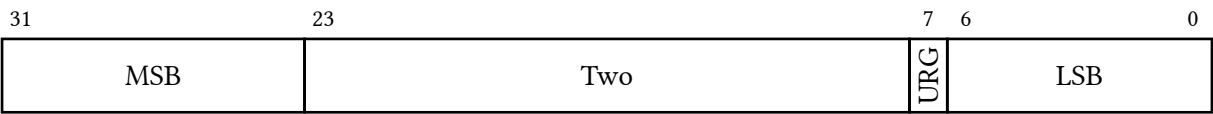
Smart bit header

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



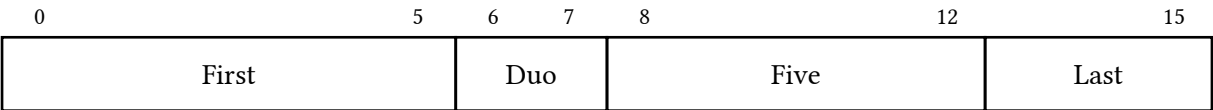
Reversed bit order

Select msb_first: true for a reversed bit order.

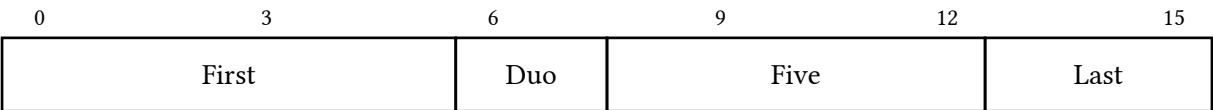


Custom bit header

Pass an array to specify each number.



Pass an integer to show all multiples of this number.



IPv4

0	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

0	4	12	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	31
Type	Code	Checksum	
Identifier		Sequence Number	
Optional Data ★			

ICMPv6

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

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...*		