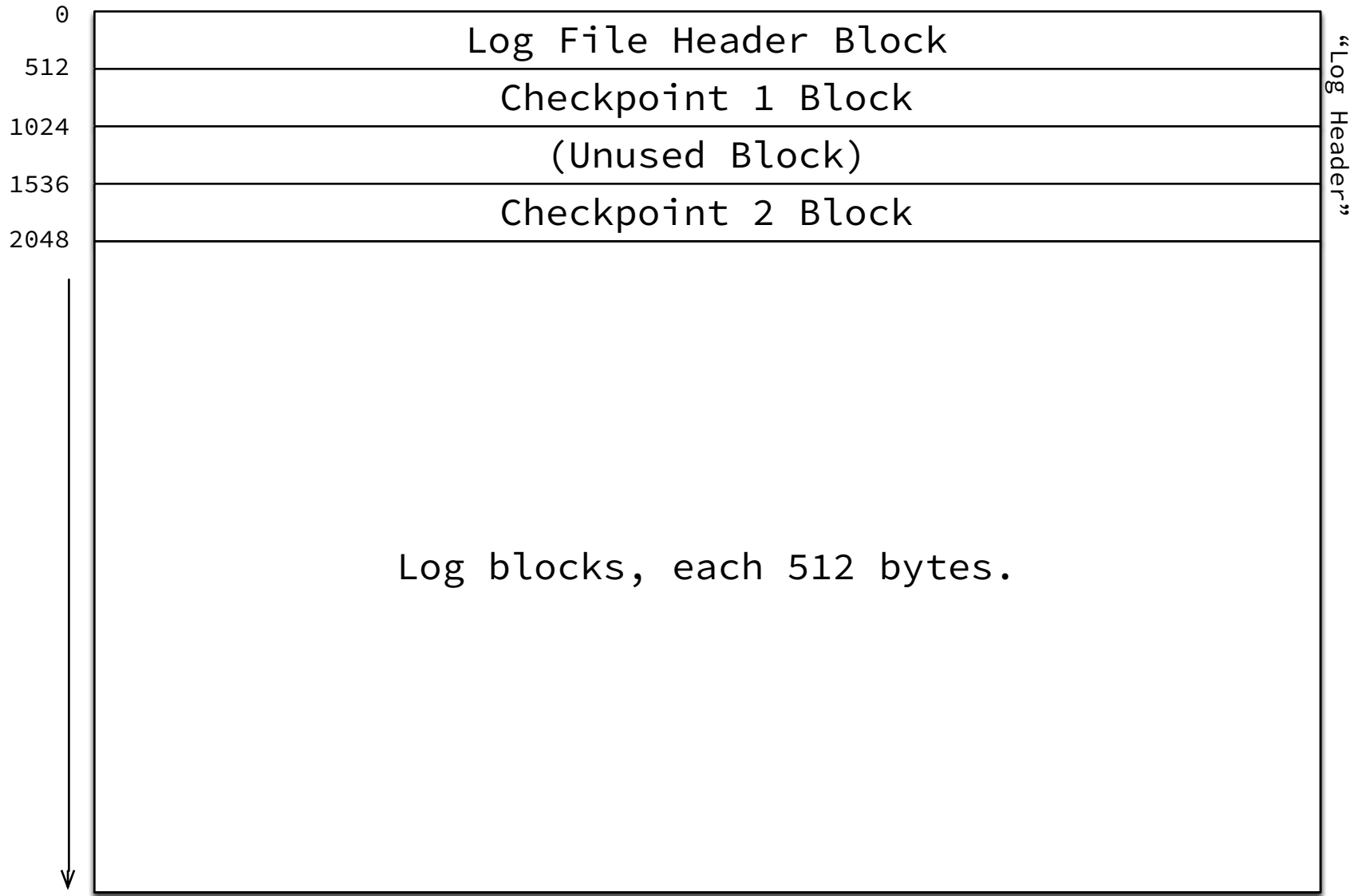
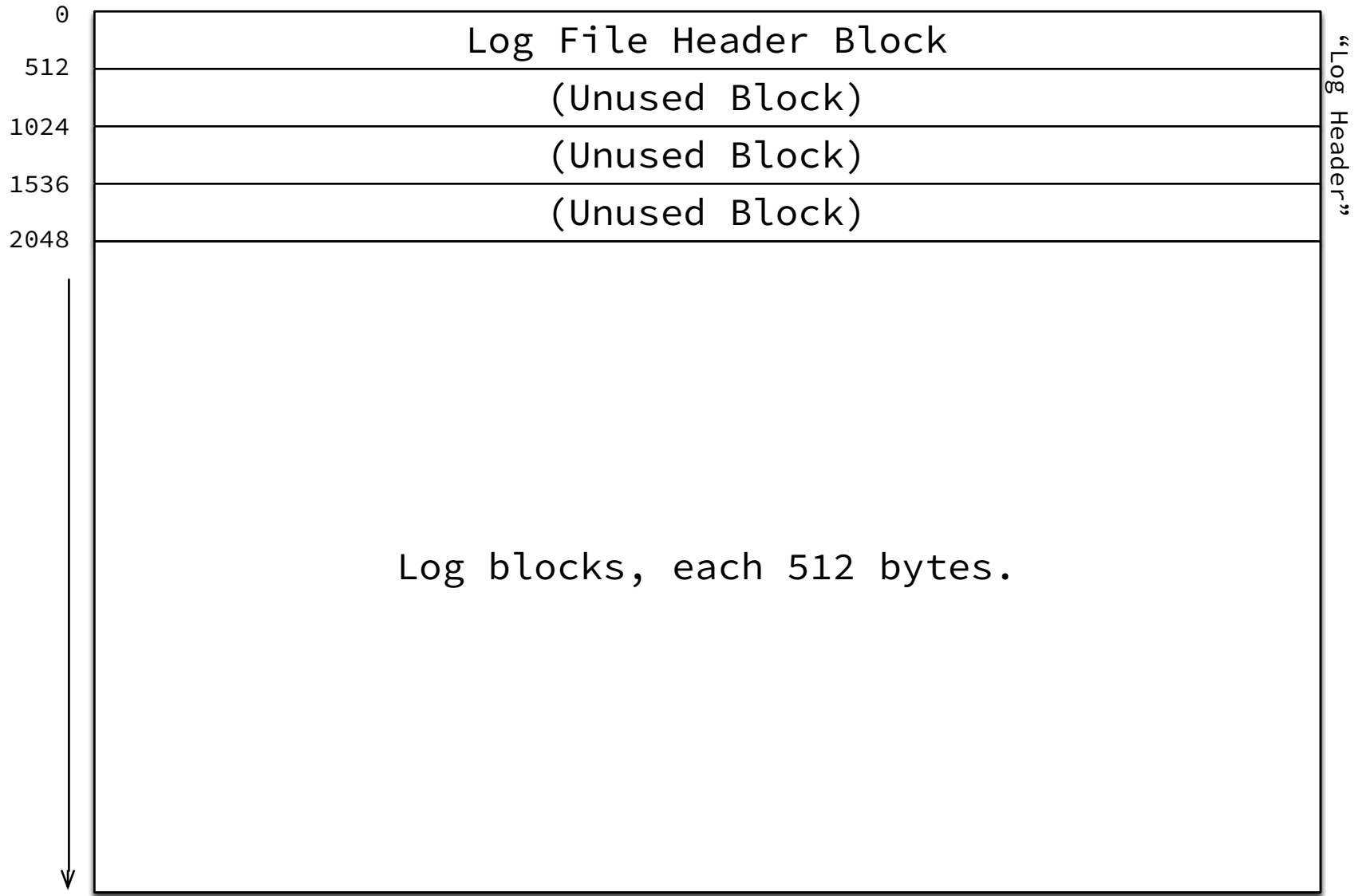


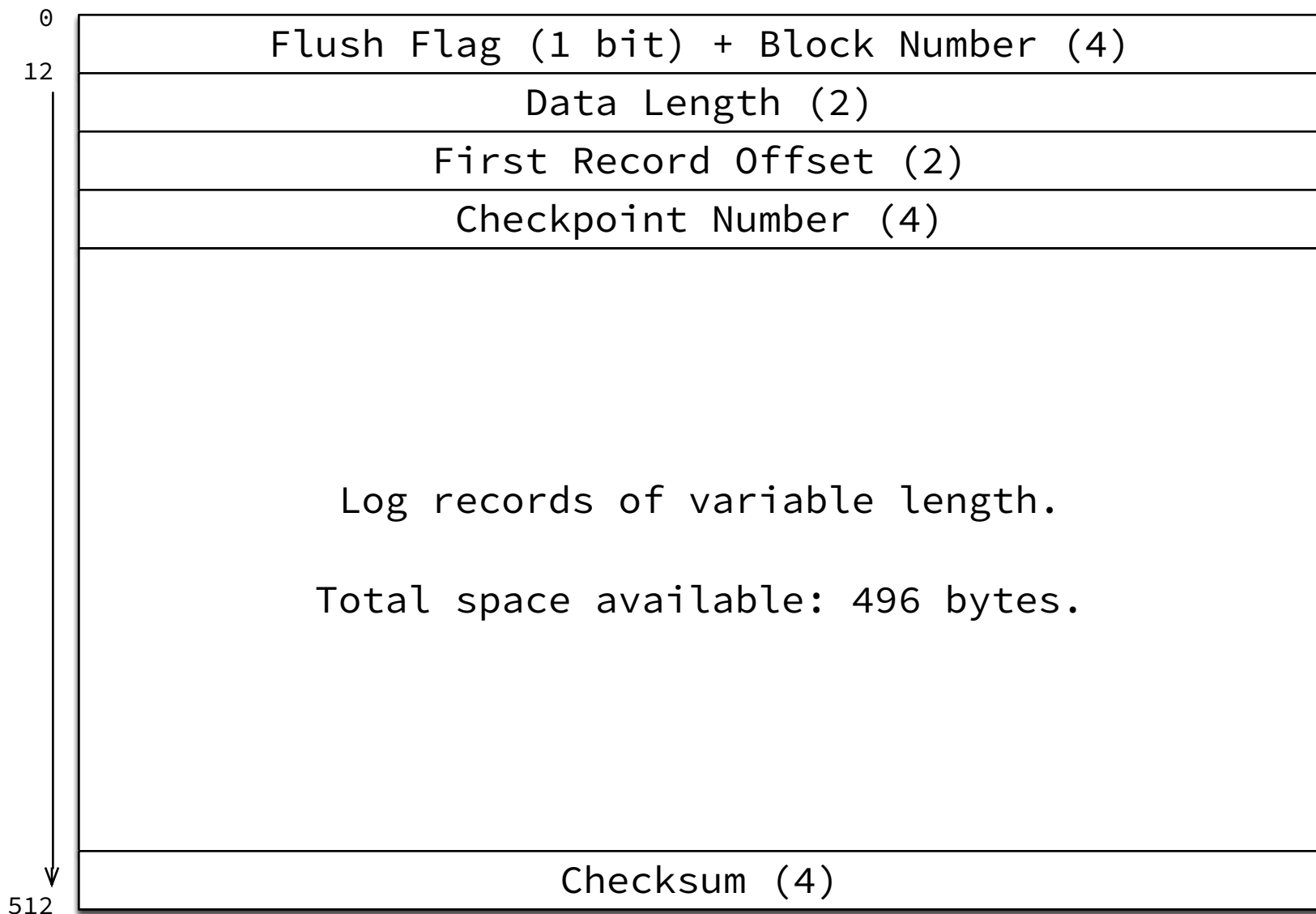
Log File 0 Overview



Log File 1+ Overview



Log Block



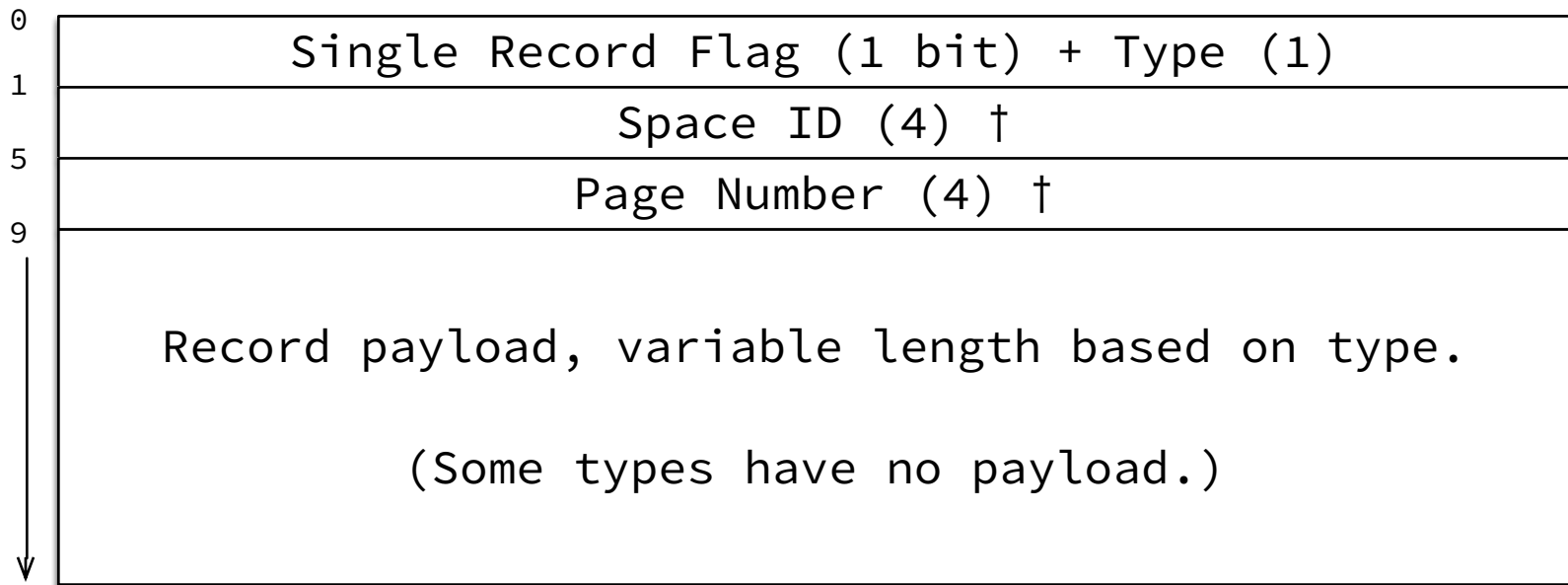
Log Header

0	Log Group ID (4)
4	
12	Start LSN (8)
16	Log File Number (always 0) (4)
48	
	Created By (32)

Log Checkpoint

0	Checkpoint Number (8)
8	Checkpoint LSN (8)
16	Buffer Size (4)
20	Archived LSN (8)
28	Log Group Array (unused) (256)
284	Checksum 1 (4)
288	Checksum 2 (4)
292	FSP Free Limit (4)
296	FSP Magic Number (4)
300	

Log Record Overview



† Record types DUMMY_RECORD and MULTI_REC_END do not write Space ID or Page Number.

Log Record MLOG_nBYTE

MLOG_1BYTE, MLOG_2BYTE, MLOG_4BYTE

0	Single Record Flag (1 bit) + Type (1)
1	
5	Space ID (4)
9	Page Number (4)
11	Page Offset (2)
15	Value (4)

Log Record MLOG_WRITE_STRING

0	Single Record Flag (1 bit) + Type (1)
1	
5	Space ID (4)
9	Page Number (4)
11	String Length (2)
11+n	String Data (n)

Log Record MLOG_COMP_REC_INSERT

0	Single Record Flag (1 bit) + Type (1)	
1	Space ID (4)	
5	Page Number (4)	
9	Number of Columns (2)	
11	Number of Unique Columns (2)	
13	Field Type Info (i)	
	Previous Record Offset (2)	
	Record Length + Short Record Bit (1-5)	
Short Record Info	Record Info and Status Bits (1)	
	Length of Record Header (1-5)	
	Mismatch Index (to previous record) (1-5)	
	Record Data (j)	

Log Group Structure

