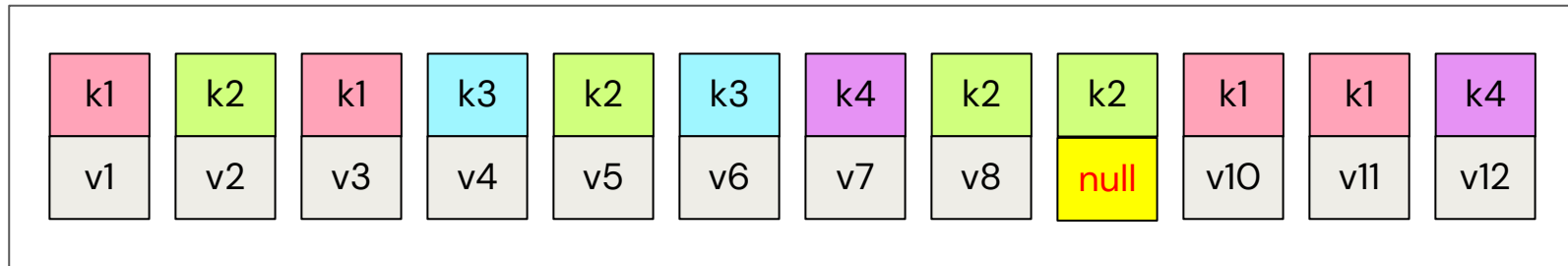
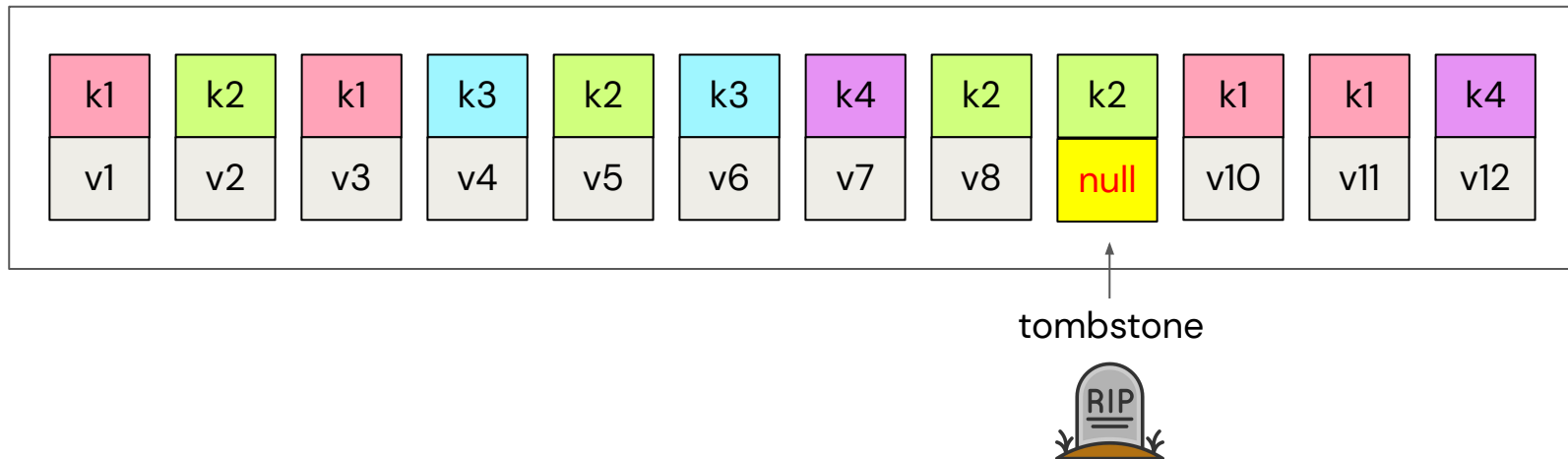


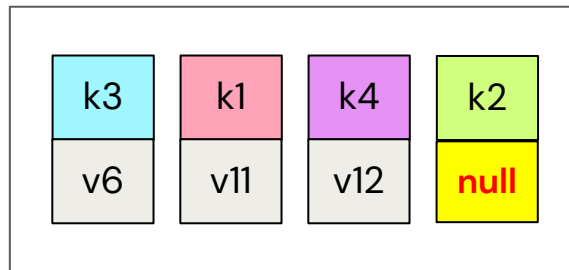
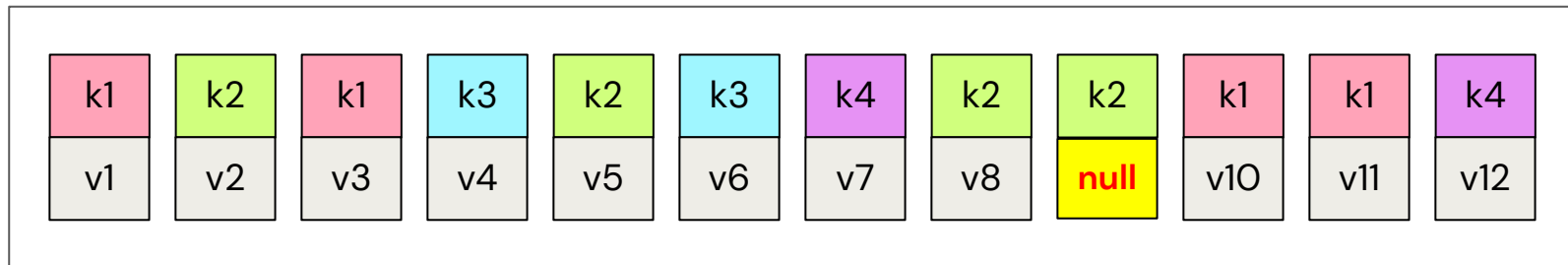
Log compaction



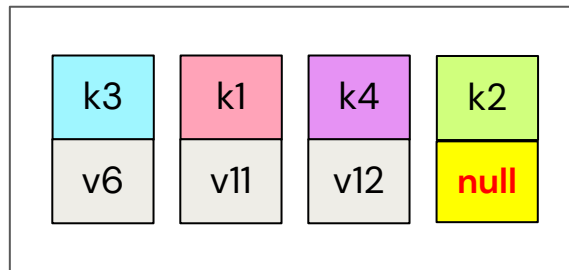
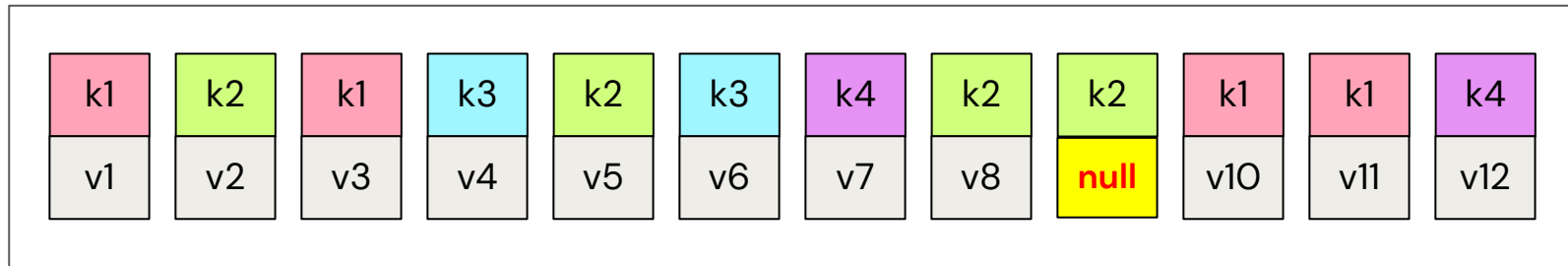
Log compaction



Log compaction

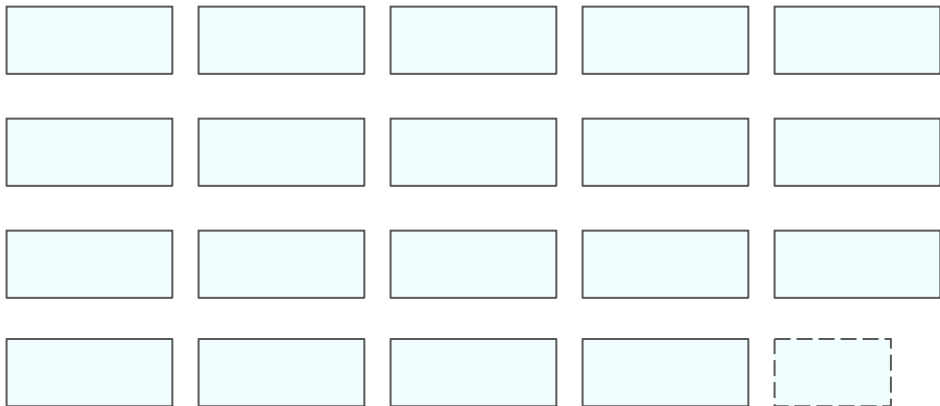


Log compaction

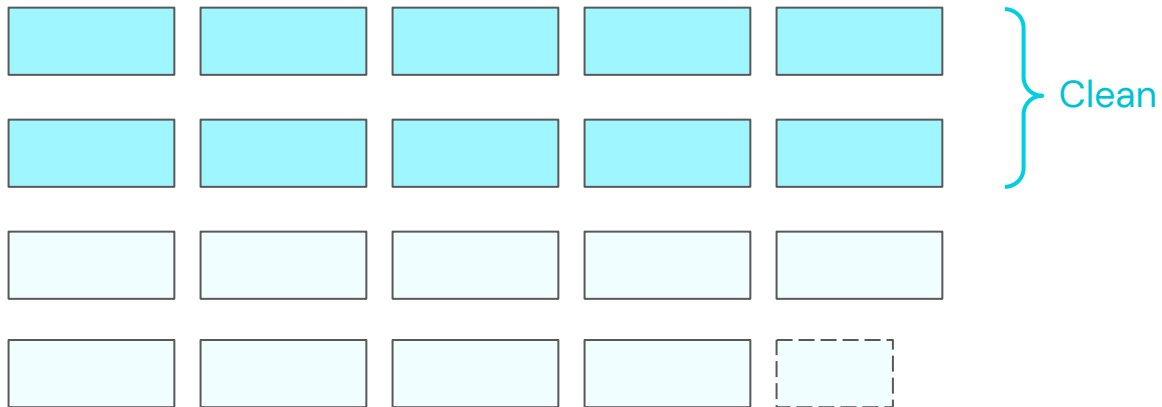


`delete.retention.ms`

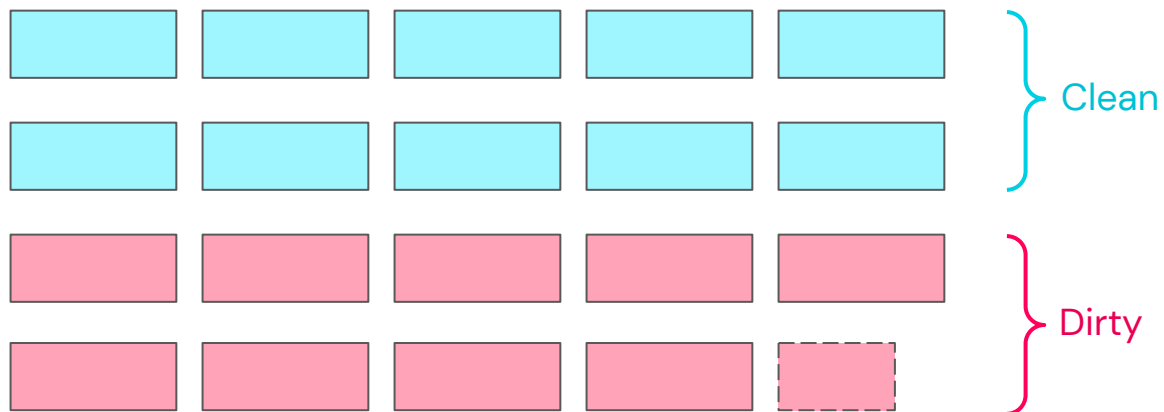
Log compaction



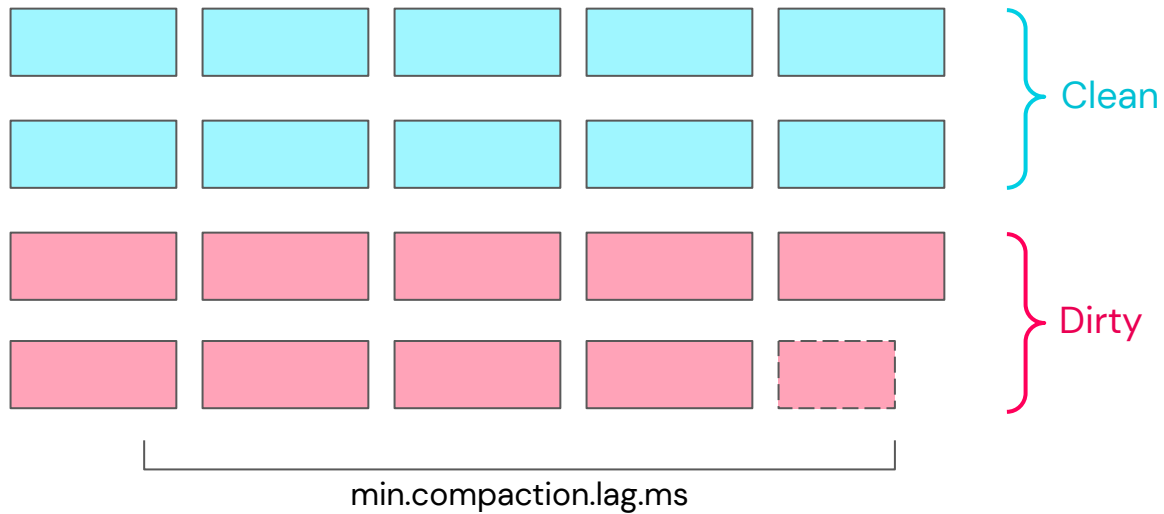
Log compaction



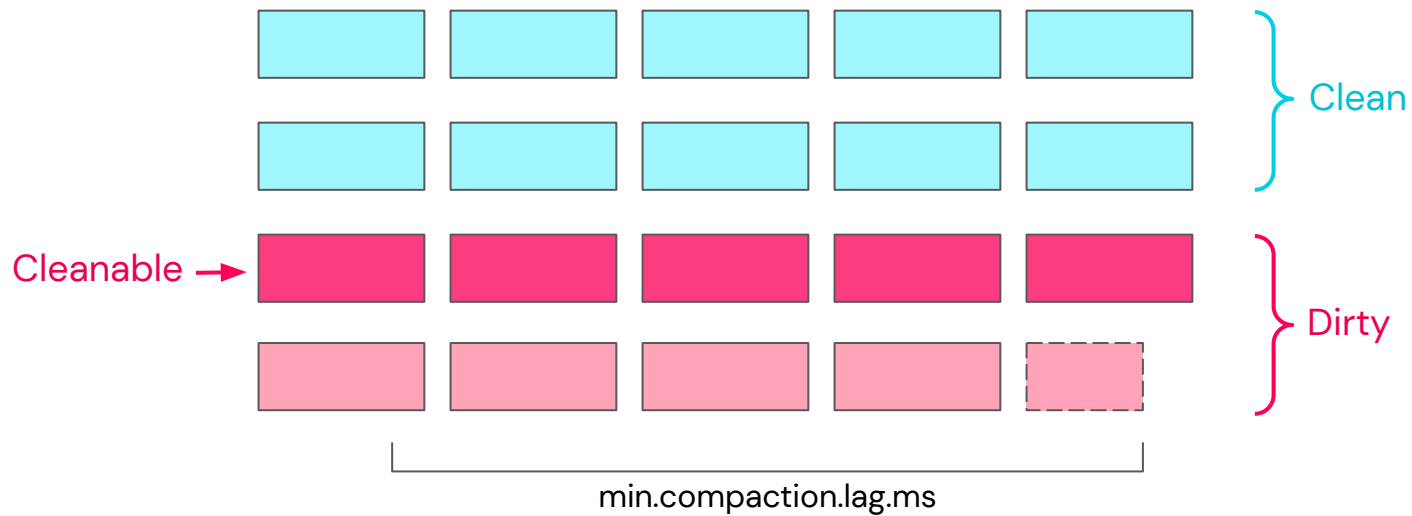
Log compaction



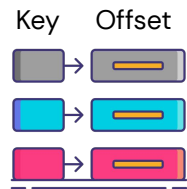
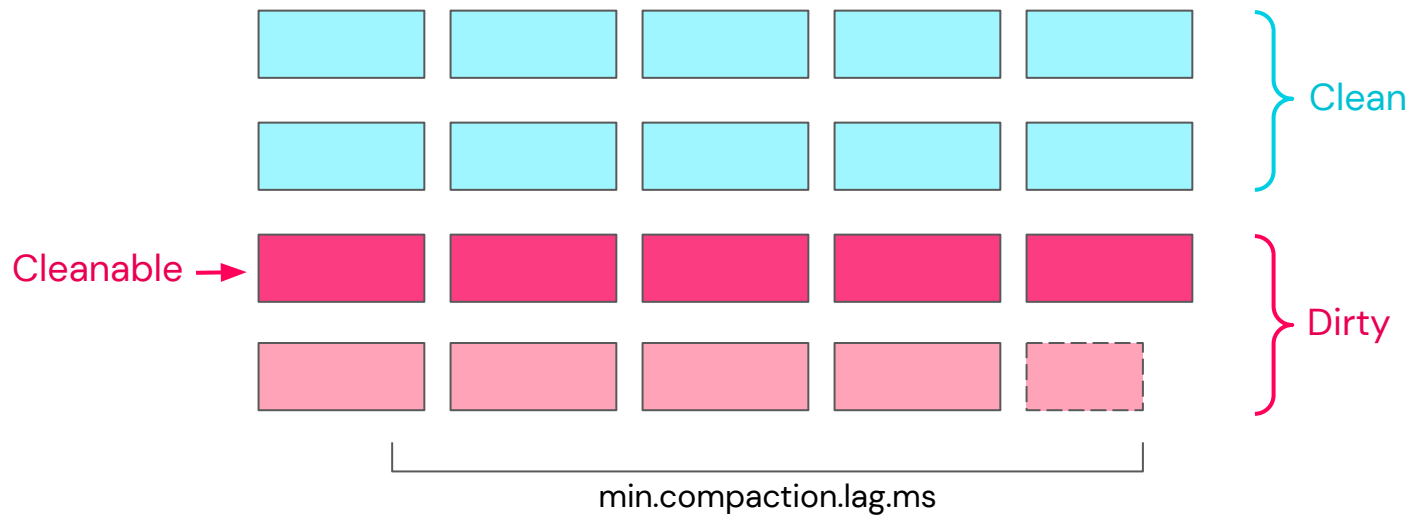
Log compaction



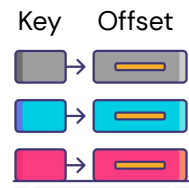
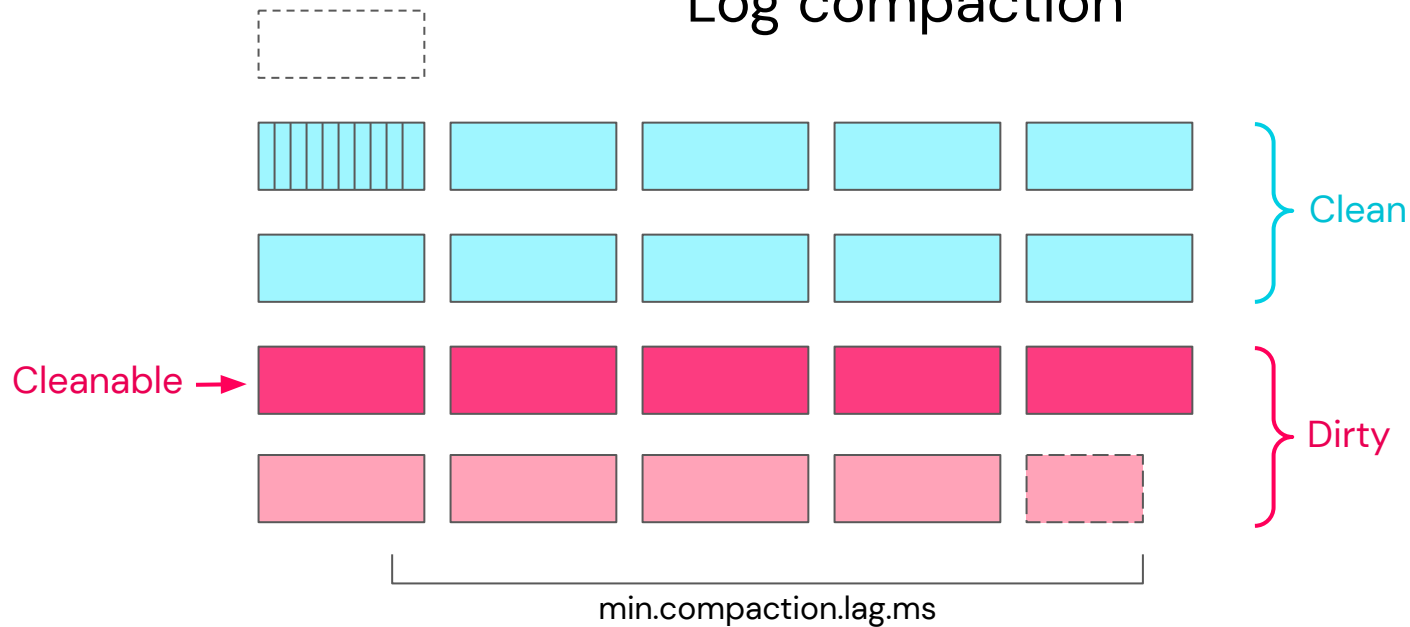
Log compaction



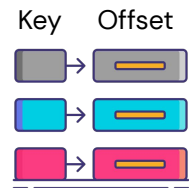
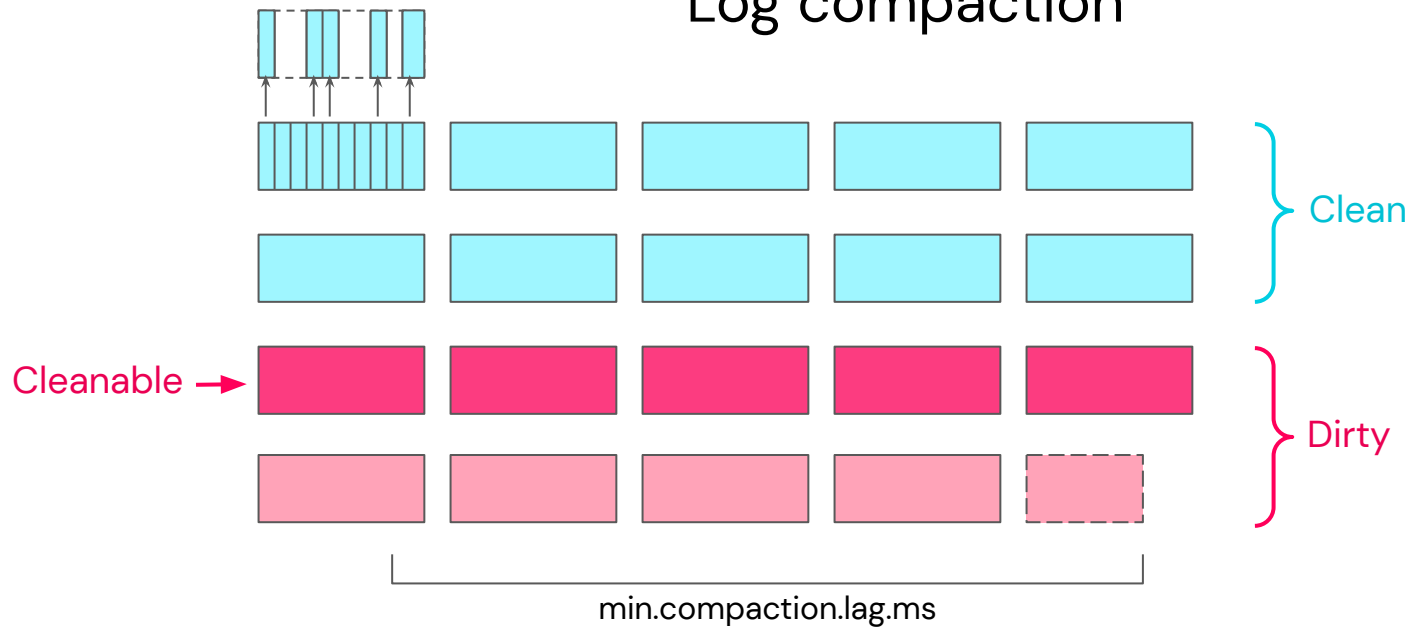
Log compaction



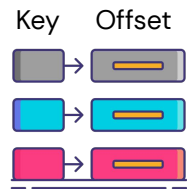
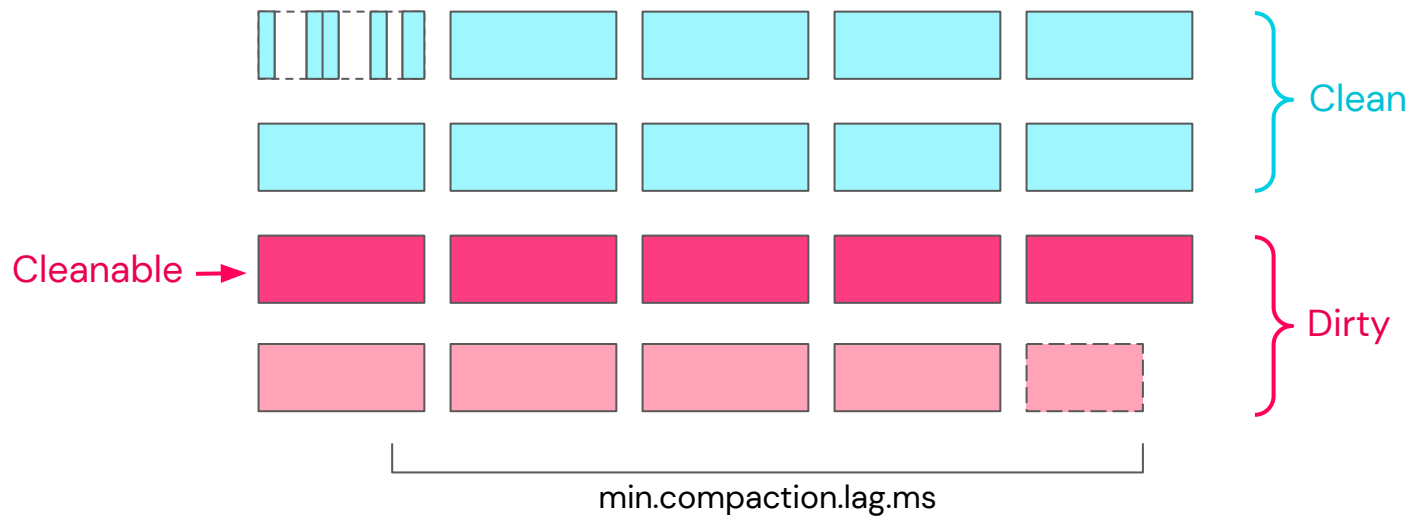
Log compaction



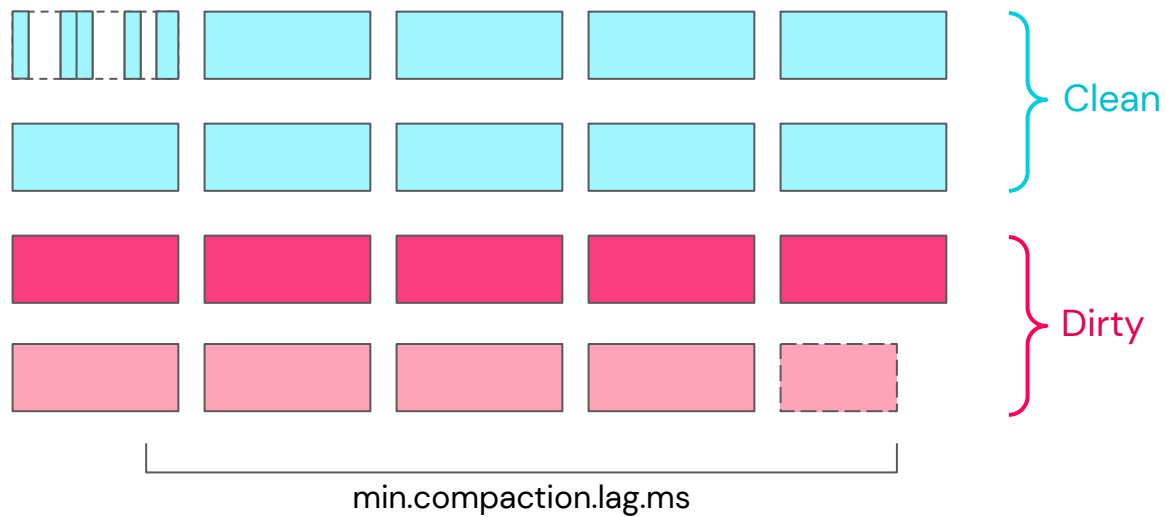
Log compaction



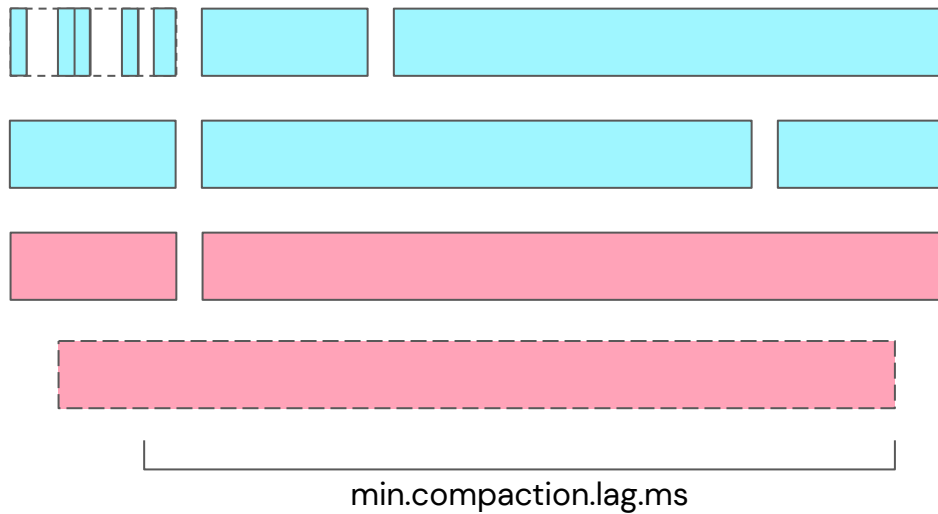
Log compaction



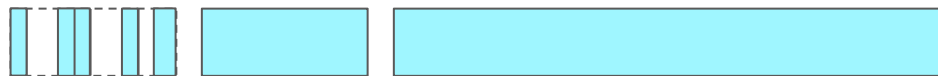
Log compaction



Log compaction



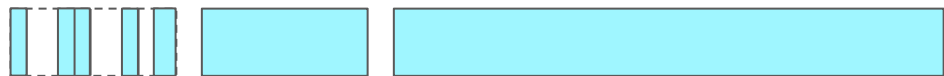
Log compaction



min.compaction.lag.ms

$$\frac{\text{Dirty}}{\text{ALL}} > \text{min.cleanable.dirty.ratio}$$

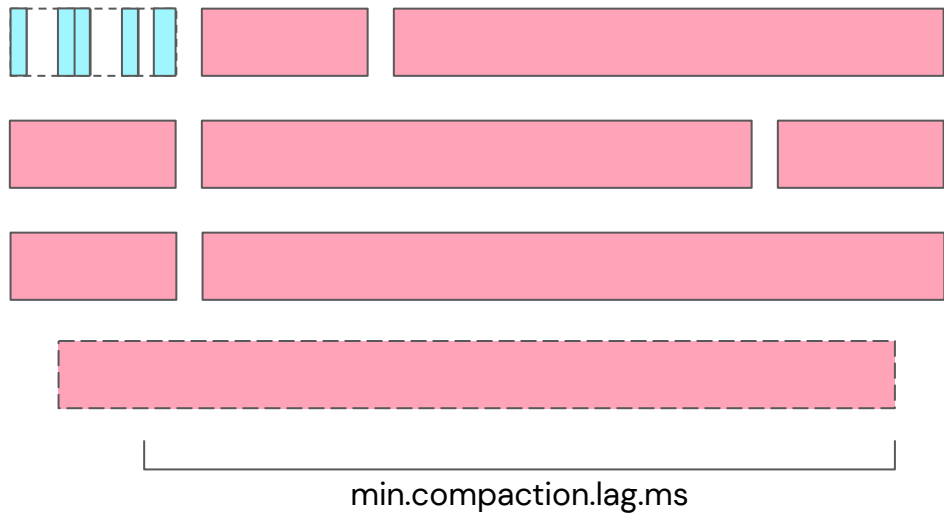
Log compaction



min.compaction.lag.ms

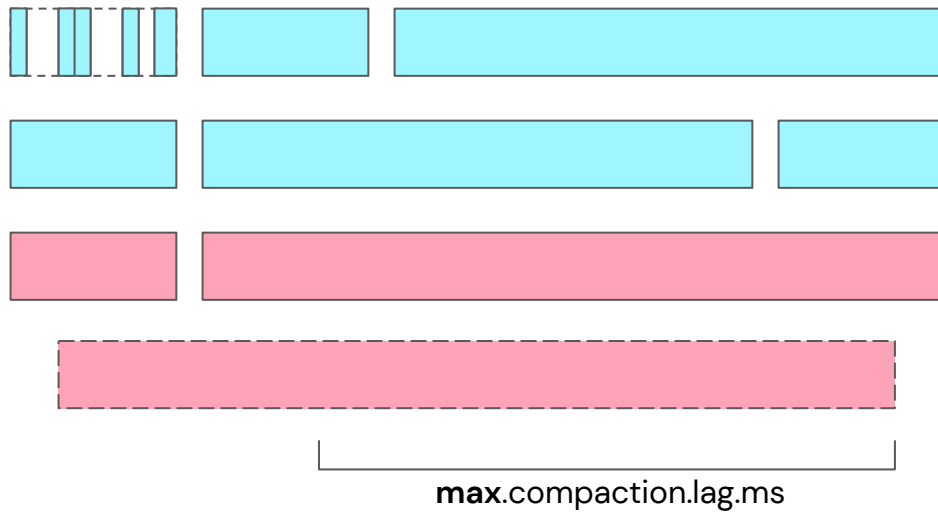
$$\frac{\text{Dirty}}{\text{ALL}} > \begin{matrix} \text{min.cleanable.dirty.ratio} \\ 50\% \end{matrix}$$

Log compaction

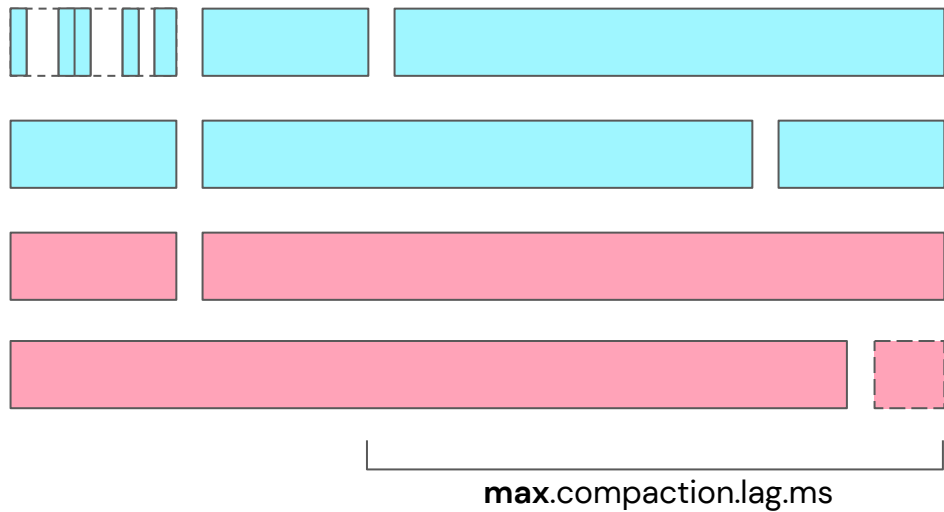


$$\frac{\text{Dirty}}{\text{ALL}} > \begin{matrix} \text{min.cleanable.dirty.ratio} \\ 90\% \end{matrix}$$

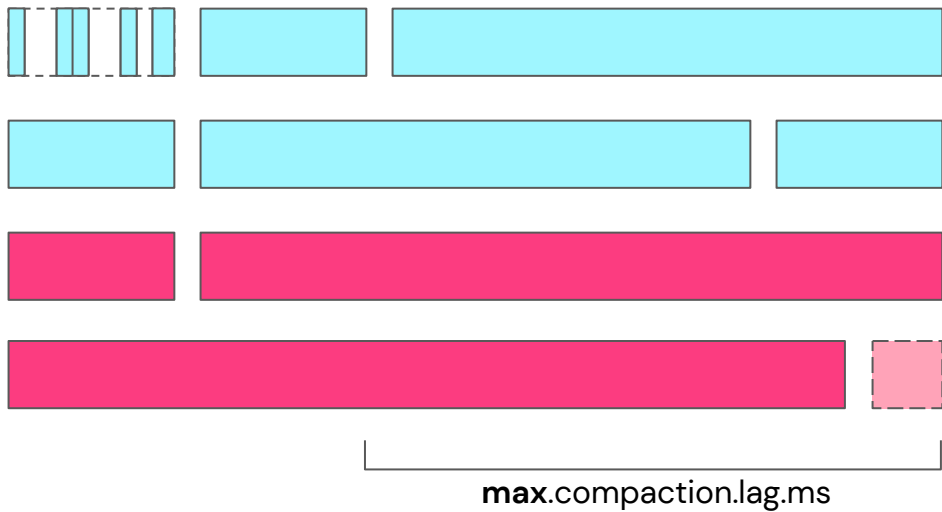
Log compaction



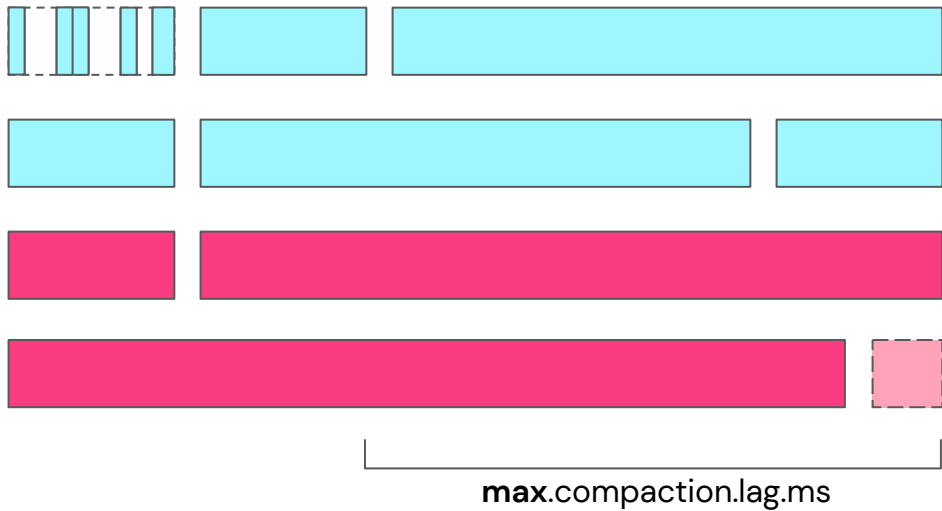
Log compaction



Log compaction

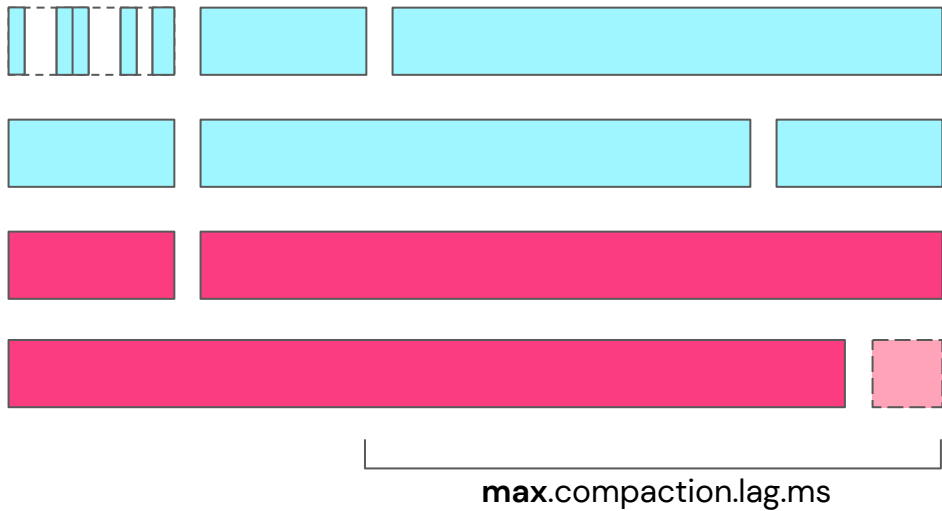


Log compaction



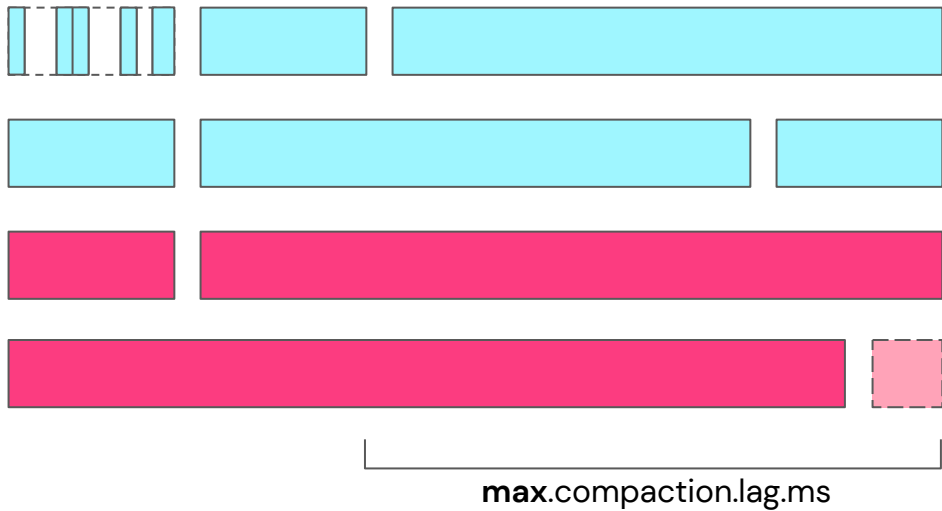
$$\text{maxSegmentMs} = \min(\text{segment.ms}, \text{max.compaction.lag.ms})$$

Log compaction



$$\text{maxSegmentMs} = \min(\text{segment.ms}, \text{max.compaction.lag.ms})$$

Log compaction



`maxSegmentMs = min(segment.ms, max.compaction.lag.ms)`