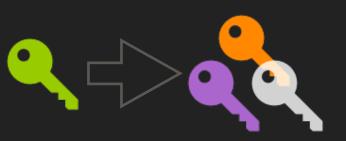


PATTERNS

KEY DERIVATION 2: FROM 1 TO N

DERIVE PER RECORD KEYS



Problem: Use different keys for different records, only store master key.

Solution: Use <u>key derivation</u> to derive per-record keys.

$$+ r_1.id + r_1.ver$$
 $+ r_2.id + r_2.ver$

$$+ r_{n.id} + r_{n.ver} \rightarrow$$