

2-phase locking

(Don't confuse this with 2-phase commit.) ↙ for replicated databases - nothing to do with locking!

2-phase locking ↙ 2PL is a protocol in which each transaction

has 2 phases: ① acquire locks ↙ they can be spread over multiple operations
② release locks

rigorous 2PL is a special case in which all locks are released at the end of the transaction - when it commits.

This is the default setting in MySQL.

see textbook §14.4-5.2 for a few more details