

METHOD AND APPARATUS FOR UPDATING DATABASE BY USING TWO-PHASE COMMIT DISTRIBUTED TRANSACTION

ABSTRACT

The present specification provides a method for updating a database by using a
5 two-phase commit distributed transaction. The method is applied to a coordinator, and
includes: sending a phase 1 prepare request message to each participant to end a current
transaction, the current transaction being used to update a target database record; and
after receiving write lock advance release requests sent by all participants, returning a
write lock advance release response to each participant to instruct each participant to
10 unlock a target database record of the participant, the write lock advance release
requests being sent by the participants after the participants successfully write a log of
an update operation of the current transaction to a log buffer.

Fig. 3