CS-499: Distributed Systems

Assignment 4 - Transactional Server with Locking:

Implementation

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This document is a write up that helps interpreting the information written in the ASCII log.

The log has the following statements:

- "Transaction # opened": # is transaction number ID. Message shown when transaction is started.

- "Requesting to read balance from #": # is an account number ID. Message shown when requesting reading operation.

- "Read the balance $ from #": $ is the amount of money (balance) from an account, # is the account number. Message shown when the balance was already read from an account.

- "Requesting to set # to $": $ is the new balance to be set in the account with number (#). Message shown when requesting write operation, new value not committed yet.

- "Set # to $": The account with number # has the balance of $. Message shown when the new balance is set already, write operation already committed.

- "Closing Transaction #": # is the transaction number ID. Transaction is closed after commiting.