

















Implementing 2PC		
actions by participant:		
<pre>write INIT to local log; wait for VOTE_REQUEST from coordinator; if timeout { write VOTE_ABORT to local log; exit; } if participant votes COMMIT { write VOTE_COMMIT to local log; send VOTE_COMMIT to local log; send VOTE_COMMIT to coordinator; wait for DECISION from coordinator; wait for DECISION from coordinator; wait DECISION from coordinator; if timeout { multicast DECISION_REQUEST to oth participants; wait until DECISION is received; /* rem write DECISION to local log; } if DECISION == GLOBAL_COMMIT write GLOBAL_COMMIT to local log; else if DECISION == GLOBAL_ABORT write GLOBAL_ABORT to local log; } else { write VOTE_ABORT to local log; send VOTE ABORT to local log; send VOTE ABORT to local log;</pre>	actions for handling d /*executed by separate while true { wait until any incoming is received; /* remain blue read most recently re local log; if STATE == GLOBAL send GLOBAL_COBAL er participant; else if STATE == INIT GLOBAL_ABORT send GLOBAL_AB participant; else skip; /* participant	ecision requests: thread */ g DECISION_REQUEST ocked */ corded STATE from the L_COMMIT DMMIT to requesting T or STATE == ORT to requesting remains blocked */
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