NC STATE UNIVERSITY
Message Board

Course: CSC501 - 001
Forum: PA2 discussion

Go to: <u>Different Course</u> | <u>Forum List</u> | <u>Topic List</u>

Author	Topic: Shared read lock deletion

adhanas   Sun Feb 9 17:53   who

Lets say a lock, l1, is shared among three procs - A, B & C. Now, what should happen if procA decides to delete the lock while the lock is shared with multiple procs?

Should procB and procC continue to run as usual and when they try to release or delete the lock, SYSERR to be returned?

hcnguye3   Sun Feb 9 18:39   who

Yes. All the operations on a lock after the lock is deleted should return SYSERR

rsinghc   Mon Feb 10 21:51   who

Hello hcnguye3,

Quoting the above example, let us say that PrA deletes the lock and PrB and PrC were holding the lock still. Then we should return DELETE for PrB and PrC in the processes?

Then later when in PrB or PrC the lock is referenced then we return SYSERR?

hcnguye3   Tue Feb 11 9:51   who

"Then we should return DELETE for PrB and PrC in the processes"-> what do you mean by "in the processes"? If they are holding the lock (and performing unrelated-lock operations) then you have nothing to do with them.

"Then later when in PrB or PrC the lock is referenced then we return SYSERR?" if "is referenced" means lock(), releaseall(), ldelete() then the answer is yes

Post New Topic   Post a Reply

WolfWare - Message Board - last update 30-Aug-2001