



lock (wound).

- cas ("lock-1- metalock"...)

ideget ("lock-1")

while--
if (id > id')

cas ("lock-1", id", id)

else.

cas ("lock-1-metalock"...)

Wait Die Txidi id/zid2. Tx/dies. id/<id2. Tx/waits.

loop:
loop:
id'=get ("lock-1")

if (id > id')

goto abort (unlock ---)

if (id < id')

set sleep(1); goto loop.

if (id' == 0)

ret: COR ("lock-1", o, id) if ret == FAIL, goto loop

state=get) (stiens-id+ "state") Client-id+"state" state t="lock-1"

(client-icl+ "state", state) state lock (Hock 17. "clean-up" Cas (- . - "entry") Convert /about/cleaklp cas (state Execution. Client. "Cleanup-able:"

onot much wasted space.

The system can proceed safely.

reentrant

" Cleanup-able"

read 3 no locks. write 3 butter Statepoepone. Com +1 PTT +1PTT. primary time stamp. cas ("ts", old-ts, old-fs") Fail. Problem: Performen cas ("ts", old ts old tetio)