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UR

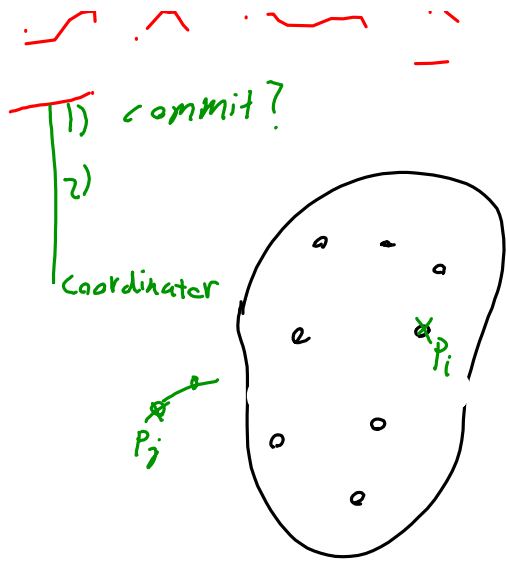
LPE Reading Group  
Thu, 12 April 2001

stratton.mae.cornell.edu  
128.84.137.96

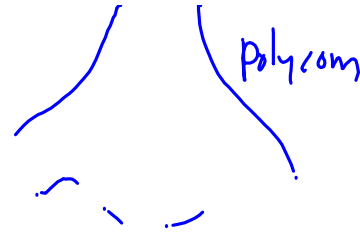
18.78.0.148  
(MIT)

LL

LR



Process  
1) ok



- fail-stop model:  
after the proc. fails  
it stops.

gossip protocol: detects  
failure by time-outs.

GMS = Group Mem. Service

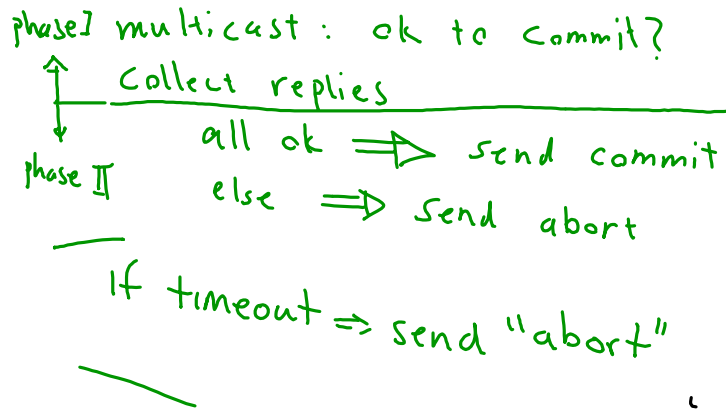
pid = Process id

"view" = the list of all the members  
of the group

{ fails  
operational

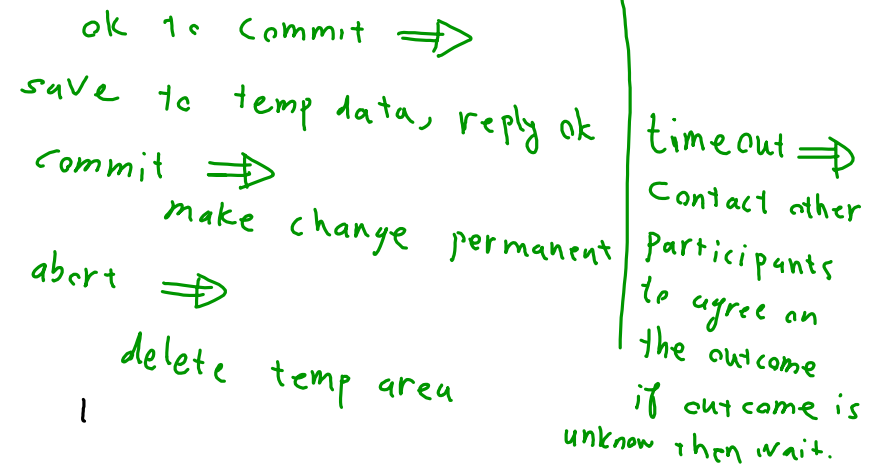
(3PC) extension of 2PC  
2PC = two-phase commit

Coordinator:



atomicity = if it happens everywhere or nowhere.  
— atomic broadcast

Participant:



Next week: Matt will present routing

Tannenbaum, Networks, chapter 2.5

Distributed Algorithms

Nancy A. Lynch

Morgan Kaufman, 1996

Two weeks