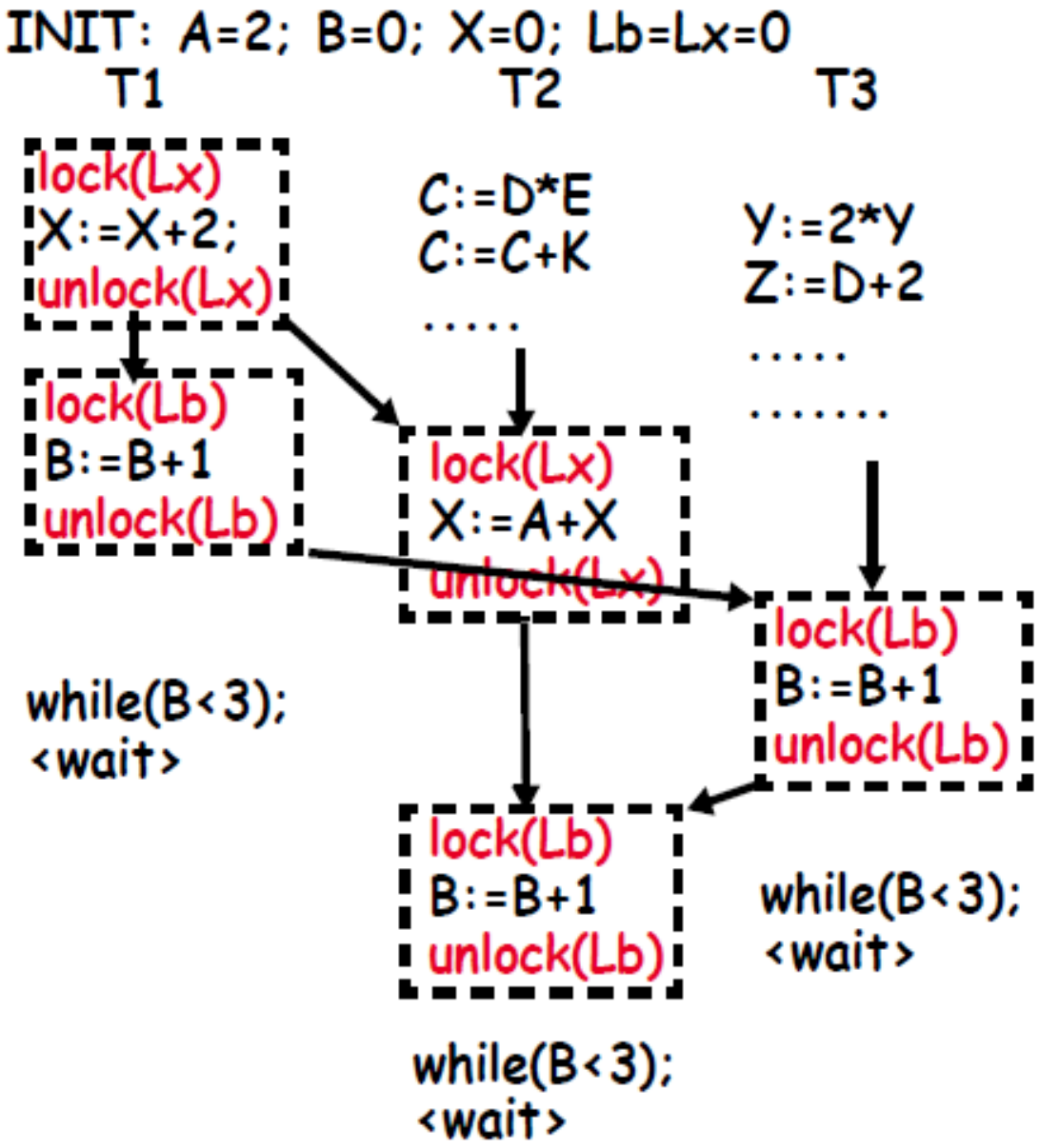

Locks use special instructions

- RMW (for lock)
- special stores (for unlocks)

Treat locks as FENCES for all memory accesses

Also called "SYNC" in PowerPC's memory model

lock and unlock act as fences

- perform all preceeding accesses in t.o. before attempting a SYNC
- perform SYNC beform attempting any following accesses in t.o.

In between two SYNC Ops, order of memory Ops is arbitrary