Recovery (WAL) 19/13) Ch 16 of sailboat book Goal: recover from a crash reduce overload (disk interactions) ensure data is consistent Logs records: describes a single DB write Types of log records - Update recore obvolve

CTi, Xj, V, V2 > New value

The update

the update

the update

the update txn start CTi start 7 morey florester

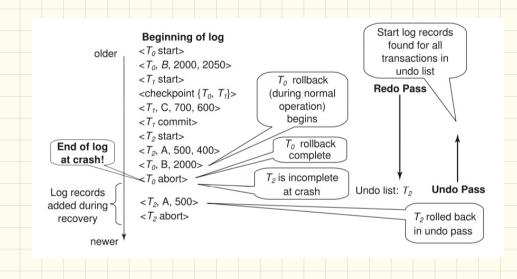
27 start

27 a 100 907

29 6 200 2107 ten commit

CTi commit > ∠ 7 commit > ten abort

Ti abort >



Problem; when to write log

-write to a bufter at cystem crash

- Write ahead log rule:

- before a block can be writen to story

all log records about that black must be outputted

to stoble storage

