Chaos
- Read uncommitted - latest rev
- No writes possible (must take rev)

Read Uncommitted - Col
- Write takes rev, based on latest

Read Uncommitted - Batch
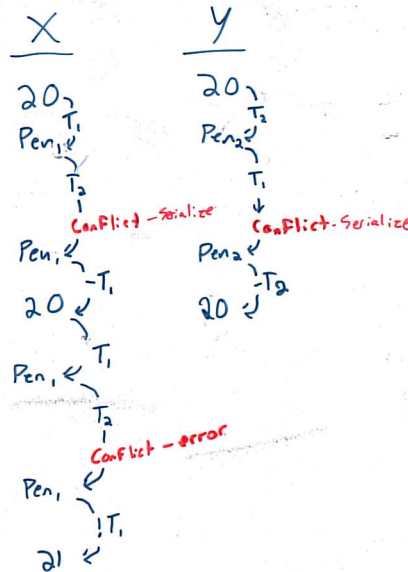- First obtain last rev for reads

Serializable
- Capture reads
- Commit w/ captured

2 Modes
- Transaction - No auto retry - Fail conflict
- Batch - auto retry

- Can warn explicit trx reads if pen or newer

Rev

X Y

20, T_1 20, T_2
Pen$_1$ Pen$_2$
T_2 T_1
Conflict - Serialize   Conflict - Serialize
Pen$_1$ Pen$_2$
-T_1 -T_2
20 20
T_1
Pen$_1$
T_2
Conflict - error
Pen$_1$
!T_1
21

TM -20

Δ-? → 20, T_1
Δ-? → 20, T_2
———
Δ-? → 20, T_1
Δ-20 → 20, T_2

Grocery List
Canned Air
Toilet Paper

- Get texting code
- Decision UI details

To do
- Unique Col Buffer
- Column Manager
- Stub Col Storage

Later
- KeyTree Col Buff