Newer Consistency Models (Contd.)

- **Per-key sequential**: Per key, all operations have a global order
- **CRDTs** (Commutative Replicated Data Types): Data structures for which commutated writes give same result [INRIA, France]
 - E.g., value == int, and only op allowed is +1
 - Effectively, servers don't need to worry about consistency



Per-key sequential Eventual

CRDTs

Strong (e.g., Sequential)