

# Checking for Serial Equivalence (2)

- *Two transactions are serially equivalent if and only if all pairs of conflicting operations (pair containing one operation from each transaction) are executed in the same order (transaction order) for all objects (data) they both access.*
  - Take all pairs of conflict operations, one from T1 and one from T2
  - If the T1 operation was reflected first on the server, mark the pair as “(T1, T2)”, otherwise mark it as “(T2, T1)”
  - All pairs should be marked as either “(T1, T2)” or all pairs should be marked as “(T2, T1)”.