

# START TRANSACTION

By default, ClustrixDB uses a default of AUTOCOMMIT = 1 for all sessions. START TRANSACTION or BEGIN will begin a new explicit transaction.

## autocommit

The variable for autocommit can be set globally or for a session. If autocommit is disabled, changes made to tables are not made permanent until COMMIT is issued.

## Caveats for Transactions

- ClustrixDB does not issue an implicit COMMIT for:
  - ALTER TABLE
  - ANALYZE TABLE
  - FLUSH PRIVILEGES
  - FLUSH TABLES
  - REPAIR TABLE
  - UNLOCK TABLES
- ClustrixDB will drop temporary tables upon transaction ROLLBACK.
- ClustrixDB will issue an implicit COMMIT when the database is restarted using dbrestart.
- ClustrixDB will always COMMIT any command to SET a global or session variable.
- ClustrixDB does not automatically commit data imported using SOURCE.
- ClustrixDB will issue a COMMIT if it encounters errors for:
  - Unrecognized type name: Unknown type
  - Unknown Session
- ClustrixDB permits In-Memory Tables to ROLLBACK.
- When autocommit is enabled, ClustrixDB opens a transaction once the client connects.

## Unsupported in Transactions

ClustrixDB does not support:

- the in\_transaction system variable
- WITH CONSISTENT SNAPSHOT