

These statements provide control over use of [transactions](#):

- `START TRANSACTION` or `BEGIN` start a new transaction.
- `COMMIT` commits the current transaction, making its changes permanent.
- `ROLLBACK` rolls back the current transaction, cancelling its changes.
- `SET autocommit` disables or enables the default autocommit mode for the current session.

By default, MySQL runs with [autocommit](#) mode enabled. This means that, when not otherwise inside a transaction, each statement is atomic, as if it were surrounded by `START TRANSACTION` and `COMMIT`. You cannot use `ROLLBACK` to undo the effect; however, if an error occurs during statement execution, the statement is rolled back.

Statements That Cannot Be Rolled Back

Some statements cannot be rolled back. In general, these include data definition language (DDL) statements, such as those that create or drop databases, those that create, drop, or alter tables or stored routines.

Statements That Cause an Implicit Commit

The statements listed in this section (and any synonyms for them) implicitly end any transaction active in the current session, as if you had done a `COMMIT` before executing the statement.

Most of these statements also cause an implicit commit after executing. The intent is to handle each such statement in its own special transaction. Transaction-control and locking statements are exceptions: If an implicit commit occurs before execution, another does not occur after.

- **Data definition language (DDL) statements that define or modify database objects.**
- **Statements that implicitly use or modify tables in the `mysql` database.**
- **Transaction-control and locking statements.**
- **Data loading statements. `LOAD DATA`.**
- **Administrative statements.**
- **Replication control statements.**

Sample Use Case

```
INSERT INTO class VALUES(5, 'Rahul');  
COMMIT;  
UPDATE class SET name = 'Abhijit' WHERE id = '5';
```

```
SAVEPOINT A;  
INSERT INTO class VALUES(6, 'Chris');  
SAVEPOINT B;  
INSERT INTO class VALUES(7, 'Bravo');  
SAVEPOINT C;  
SELECT * FROM class;  
ROLLBACK TO B;
```