

INSY Fragen

1/a) Wie kann man Transaktionen in MySQL aktivieren?

-> auto_commit

13.3.1 START TRANSACTION, COMMIT, and ROLLBACK Syntax

- START TRANSACTION or BEGIN start a new transaction (disable autocommit)
- COMMIT commits the current transaction, making its changes permanent
- ROLLBACK rolls back the current transaction, canceling its changes
- SET autocommit disables or enables the default autocommit mode for the current session
- SET autocommit = {0 | 1}

1/b) Wann gültig?

(S. 1578 f)

Start Transaktion bis [inhalt] commit/rollback also nicht global nur pro [inhalt]

SET autocommit = { 0 | 1 } for the session also global

„autocommit is a session variable and must be set for each session“

SELECT @@autocommit

1/c) Wie kann man dies global gültig machen?

In addition, SET TRANSACTION can include an optional GLOBAL or SESSION keyword to indicate the scope of the statement.

SET [GLOBAL | SESSION] TRANSACTION

2) Wie kann man Transaktionen starten, erfolgreich beenden und abbrechen?

Start:

(S.1579 letzter absatz)

BEGIN and BEGIN WORK are supported as aliases of START TRANSACTION for initiating a transaction.

START TRANSACTION is standard SQL syntax, is the recommended way to start an ad-hoc

transaction, and permits modifiers that BEGIN does not.

erfolgreiches Beenden:

bei autocommit = 0 (disabled)

You must use COMMIT to store your changes to disk or ROLLBACK to ignore the changes.

(S 1579)

3) Welche SQL Befehle implizieren automatisches Ende?

Statements that implicitly use or modify tables in the [mysql](#) database. ALTER USER, CREATE USER, DROP USER, GRANT, RENAME USER, REVOKE, SET PASSWORD.