

BASES DE DATOS

Facultad de Ciencias Matemáticas

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SESIÓN A (MySQL Command Line Client)	SESIÓN B (MySQL Command Line Client)
mysql> SELECT CONNECTION_ID(); mysql> SET autocommit = 0; mysql> SHOW GLOBAL VARIABLES LIKE 'autocommit'; mysql> SHOW SESSION VARIABLES LIKE 'autocommit'; mysql> USE relacionesSociales;	mysql> SELECT CONNECTION_ID(); mysql> SHOW GLOBAL VARIABLES LIKE 'autocommit'; mysql> SHOW SESSION VARIABLES LIKE 'autocommit'; mysql> USE relacionesSociales;
mysql> INSERT INTO estudiantes VALUES('33152708W', 'Aquiles', 'Bailo', 2); mysql> SELECT * FROM estudiantes;	
mysql> COMMIT;	mysql> SELECT * FROM estudiantes;
	mysql> SELECT * FROM estudiantes; mysql> UPDATE estudiantes SET curso_estudiante=3 WHERE curso_estudiante=2; mysql> SELECT * FROM estudiantes;
mysql> SELECT * FROM estudiantes;	
	mysql> UPDATE estudiantes SET curso_estudiante=2 WHERE curso_estudiante=3; mysql> SELECT * FROM estudiantes;
mysql> SELECT * FROM estudiantes; mysql> COMMIT; mysql> SELECT * FROM estudiantes;	
mysql> INSERT INTO estudiantes VALUES('33152708W', 'Aquiles', 'Bailo', 2); ERROR 1062 (23000): Duplicate entry '33152708W' for key 'PRIMARY'	
	mysql> DELETE FROM estudiantes WHERE NIF_estudiante='33152708W'; ERROR 1205 (HY000): Lock wait timeout exceeded; try restarting transaction
mysql> COMMIT;	
	mysql> DELETE FROM estudiantes WHERE NIF_estudiante='33152708W'; mysql> SELECT * FROM estudiantes;
mysql> SELECT * FROM estudiantes; mysql> COMMIT;	

Note: Typing Control-C causes MySQL to attempt to kill the current statement. If this cannot be done, or Control-C is typed again before the statement is killed, MySQL exits.

SESIÓN C (MySQL Workbench)
/* **** Esquema auxiliar **** */

Note: DDL statements automatically commit the current transaction; they cannot be rolled back.

SESIÓN A (MySQL Command Line Client)	SESIÓN B (MySQL Command Line Client)
	mysql> START TRANSACTION; mysql> INSERT INTO departamentos VALUES('999'); mysql> SELECT * FROM departamentos;
mysql> SELECT * FROM departamentos; mysql> COMMIT;	
	mysql> INSERT INTO mentores VALUES('42654532C','999'); mysql> SELECT * FROM mentores;
mysql> SELECT * FROM mentores; mysql> COMMIT;	
	mysql> COMMIT;
mysql> SELECT * FROM departamentos; mysql> SELECT * FROM mentores; mysql> COMMIT;	
	mysql> START TRANSACTION; mysql> INSERT INTO departamentos VALUES('888'); mysql> SELECT * FROM departamentos; mysql> INSERT INTO mentores VALUES('32750062V','888'); mysql> SELECT * FROM mentores; mysql> ROLLBACK;
mysql> SELECT * FROM departamentos; mysql> SELECT * FROM mentores; mysql> COMMIT;	

SESIÓN C (MySQL Workbench)
/* **** Procedimiento almacenado **** */

SESIÓN B (MySQL Command Line Client)
mysql> SHOW PROCEDURE STATUS WHERE DB='relacionesSociales'; mysql> CALL insertDepartamento('777','42654532C',@error_c,@error_m); mysql> SELECT @error_c,@error_m; mysql> SELECT * FROM departamentos; SELECT * FROM mentores; mysql> CALL insertDepartamento('777','42654532D',@error_c,@error_m); mysql> SELECT @error_c,@error_m; mysql> SELECT * FROM departamentos; SELECT * FROM mentores;