Bloqueos

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BLOQUEO DE UNA TABLA (SOLO LECTURA)

```
6    -- BlOQUEO DE LECTURA
7 •  select * from areas;
8 •  lock table areas read;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Identificador_Area	Numero_Area	Nombre_Area	Cantidad_Empleados
L	3	Lavado	1
M	1	Mostrador	2
P	2	Planta	1
PL	4	Planchado	1
NULL	NULL	NULL	NULL

areas 3 | Apply | Revert

Output

Action Output

#	Time	Action	Message
1	13:41:18	use tintoreria_aries	0 row(s) affected
2	14:51:44	SELECT * FROM AREAS LIMIT 0, 1000	4 row(s) returned
3	16:45:27	select * from areas LIMIT 0, 1000	4 row(s) returned
4	16:45:55	lock table areas read	0 row(s) affected

```
9
10 •  insert into Areas(Identificador_Area, Numero_Area, Nombre_Area, Cantidad_Empleados)
11    values ('Z', 10, 'Ejemplo', 3);
```

Output

Action Output

#	Time	Action	Message
1	13:41:18	use tintoreria_aries	0 row(s) affected
2	14:51:44	SELECT * FROM AREAS LIMIT 0, 1000	4 row(s) returned
3	16:45:27	select * from areas LIMIT 0, 1000	4 row(s) returned
4	16:45:55	lock table areas read	0 row(s) affected
5	16:46:04	select * from areas LIMIT 0, 1000	4 row(s) returned
6	16:46:27	select * from areas LIMIT 0, 1000	4 row(s) returned
7	17:06:31	insert into Areas(Identificador_Area, Numero_Area, Nombre_Area, Cantidad_Empleados) v...	Error Code: 1099. Table 'Areas' was locked with a READ lock and can't be updated

La tabla 'Áreas' se bloqueó con un bloqueo de lectura y no se puede actualizar

DESBLOQUEO DE LA TABLA

```
8 •  unlock tables;
9
10 •  insert into Areas(Identificador_Area, Numero_Area, Nombre_Area, Cantidad_Empleados)
11    values ('Z', 10, 'Ejemplo', 3);
12 •  select * from areas;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Identificador_Area	Numero_Area	Nombre_Area	Cantidad_Empleados
L	3	Lavado	1
M	1	Mostrador	2
P	2	Planta	1
PL	4	Planchado	1
Z	10	Ejemplo	3

areas 4

Output

Action Output

#	Time	Action	Message
4	16:45:55	lock table areas read	0 row(s) a
5	16:46:04	select * from areas LIMIT 0, 1000	4 row(s) return
6	16:46:27	select * from areas LIMIT 0, 1000	4 row(s) returned
7	17:06:31	insert into Areas(Identificador_Area, Numero_Area, Nombre_Area, Cantidad_Empleados)...	Error Code: 1099. Table ...as locked with a READ lock
8	17:16:10	unlock tables	0 row(s) affected
9	17:16:15	insert into Areas(Identificador_Area, Numero_Area, Nombre_Area, Cantidad_Empleados)...	1 row(s) affected
10	17:16:38	select * from areas LIMIT 0, 1000	5 row(s) returned

Desbloqueada la tabla ya se puede insertar el registro

BLOQUEO DE UNA TABLA (SOLO ESCRITURA)

```
26    -- BLOQUEO DE ESCRITURA
27 •  select * from precios_prendas;
28 •  lock table precios_prendas write;
29
```

Output

Action Output

#	Time	Action	Message
11	17:26:45	delete from areas where Identificador_Area = 'Z'	1 row(s) affected
12	17:26:49	select * from areas LIMIT 0, 1000	4 row(s) returned
13	17:29:05	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
14	17:31:18	lock table precios_prendas write	0 row(s) affected

Desde otra sesión podemos ver que la operación se encuentra en "espera" porque la tabla se encuentra bloqueada :

Local instance MySQL80 | ejemplo

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- tintoreria_aries
  - Tables
  - Views
  - Stored Procedures
  - Functions
- world

SQL File 2*

Limit to 1000 rows

```
1 •  use tintoreria_aries;
2
3 •  select * from precios_prendas;
```

Output

Action Output

#	Time	Action	Message
1	17:33:09	use tintoreria_aries	0 row(s) affected
2	17:33:17	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
3	17:34:25	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
4	17:35:33	select * from precios_prendas LIMIT 0, 1000	Running...

La desbloqueamos y en automático en la otra sesión se ejecuta el comando

```
30 •  unlock tables;
31
```

Output

Action Output

#	Time	Action	Message
14	17:31:18	lock table precios_prendas write	0 row(s) affected
15	17:32:36	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
16	17:33:46	unlock tables	0 row(s) affected
17	17:34:46	lock table precios_prendas w...	0 row(s) affected
18	17:36:46	unlock tables	0 row(s) affected

select * from precios_prendas LIMIT 0, 1000

Se desbloquea en la sesión inicial

```
3 •  select * from precios_prendas;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

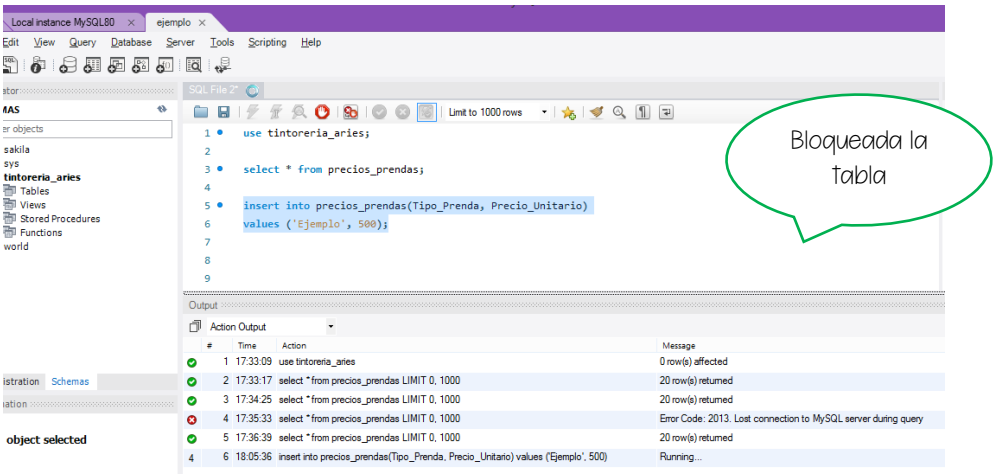
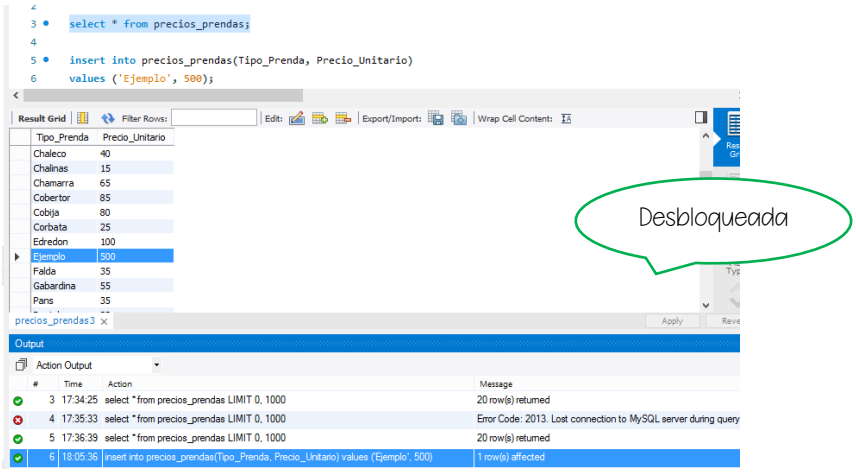
Tipo_Prenda	Precio_Unitario
Abrigo	60
Blusa	32
Camisa	32
Capa	30
Chaleco	40
Chalinas	15
Chamarra	65
Cobertor	85
Cobija	80
Corbata	25
Edredon	100

cios_prendas 1 | Apply

Output

Action Output

#	Time	Action	Message
2	17:33:17	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
3	17:34:25	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned
4	17:35:33	select * from precios_prendas LIMIT 0, 1000	Error Code: 2013. Lost connection to MySQL server du
5	17:36:39	select * from precios_prendas LIMIT 0, 1000	20 row(s) returned

Se ejecuta en la otra sesión

Lo mismo ocurre la insertar un registro