

```

MariaDB [(none)]> SELECT USER()
-> ;
+-----+
| USER() |
+-----+
| root@localhost |
+-----+
1 row in set (0.001 sec)

MariaDB [(none)]> CREATE DATABASE arbol_generacional;
Query OK, 1 row affected (0.021 sec)

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MariaDB [(none)]> use arbol_generacional;
Database changed
MariaDB [arbol_generacional]> CREATE TABLE familia(
-> nombre VARCHAR(20), apellido VARCHAR(20),
-> parentesco VARCHAR(20), sexo CHAR(1), nacimiento DATE);
Query OK, 0 rows affected (0.372 sec)

MariaDB [arbol_generacional]> show tables;
+-----+
| Tables_in_arbol_generacional |
+-----+
| familia |
+-----+
1 row in set (0.104 sec)

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1 row in set (0.104 sec)

MariaDB [arbol_generacional]> describe familia;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre | varchar(20) | YES | | NULL | |
| apellido | varchar(20) | YES | | NULL | |
| parentesco | varchar(20) | YES | | NULL | |
| sexo | char(1) | YES | | NULL | |
| nacimiento | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.014 sec)

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5 rows in set (0.014 sec)

MariaDB [arbol_generacional]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familia;
Query OK, 9 rows affected, 11 warnings (0.156 sec)
Records: 9 Deleted: 0 Skipped: 0 Warnings: 11

MariaDB [arbol_generacional]> describe familia;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre | varchar(20) | YES | | NULL | |
| apellido | varchar(20) | YES | | NULL | |
| parentesco | varchar(20) | YES | | NULL | |
| sexo | char(1) | YES | | NULL | |
| nacimiento | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.003 sec)

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5 rows in set (0.003 sec)

MariaDB [arbol_generacional]> select *from familia;
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez   | Madre      | f    | 0000-00-00 |
| Diego   | Agudelo  | Hermano    | m    | 0000-00-00 |
| Andres  | Suarez   | Hermano    | m    | 1982-05-13 |
| Angelik | Suarez   | Hermana    | f    | 1986-08-22 |
| Yuliana | Suarez   | Hermana    | f    | 1985-08-31 |
| Angie   | Suarez   | Hermana    | f    | 1988-09-11 |
| Camilo  | Suarez   | Hermana    | NULL | 1992-02-09 |
| Karol   | Santa    | sobrina    | f    | 2008-04-29 |
| Sofia   | Santa    | sobrina    | f    | 2008-01-01 |
+-----+-----+-----+-----+-----+
9 rows in set (0.090 sec)

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+-----+-----+-----+-----+-----+
5 rows in set (0.003 sec)

MariaDB [arbol_generacional]> select *from familia;
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez   | Madre      | f    | 0000-00-00 |
| Diego   | Agudelo  | Hermano    | m    | 0000-00-00 |
| Andres  | Suarez   | Hermano    | m    | 1982-05-13 |
| Angelik | Suarez   | Hermana    | f    | 1986-08-22 |
| Yuliana | Suarez   | Hermana    | f    | 1985-08-31 |
| Angie   | Suarez   | Hermana    | f    | 1988-09-11 |
| Camilo  | Suarez   | Hermana    | NULL | 1992-02-09 |
| Karol   | Santa    | sobrina    | f    | 2008-04-29 |
| Sofia   | Santa    | sobrina    | f    | 2008-01-01 |
+-----+-----+-----+-----+-----+
9 rows in set (0.090 sec)

MariaDB [arbol_generacional]> UPDATE familia SET nacimiento="1978-04-28" WHERE nombre="Cecilia";
Query OK, 1 row affected (0.101 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [arbol_generacional]>
MariaDB [arbol_generacional]> SELECT * FROM familia WHERE nombre="Cecilia";
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez   | Madre      | f    | 1978-04-28 |
+-----+-----+-----+-----+-----+

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MariaDB [arbol_generacional]> select *from familia;
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez | Madre | f | 1978-04-28 |
| Diego | Agudelo | Hermano | m | 0000-00-00 |
| Andres | Suarez | Hermano | m | 1982-05-13 |
| Angelik | Suarez | Hermana | f | 1986-08-22 |
| Yuliana | Suarez | Hermana | f | 1985-08-31 |
| Angie | Suarez | Hermana | f | 1988-09-11 |
| Camilo | Suarez | Hermana | NULL | 1992-02-09 |
| Karol | Santa | sobrina | f | 2008-04-29 |
| Sofia | Santa | sobrina | f | 2008-01-01 |
+-----+-----+-----+-----+-----+
9 rows in set (0.000 sec)

MariaDB [arbol_generacional]> UPDATE familia SET nacimiento="1983-08-22" WHERE nombre="Diego";
Query OK, 1 row affected (0.114 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [arbol_generacional]> select *from familia;
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez | Madre | f | 1978-04-28 |
| Diego | Agudelo | Hermano | m | 1983-08-22 |
| Andres | Suarez | Hermano | m | 1982-05-13 |
| Angelik | Suarez | Hermana | f | 1986-08-22 |
| Yuliana | Suarez | Hermana | f | 1985-08-31 |
| Angie | Suarez | Hermana | f | 1988-09-11 |
| Camilo | Suarez | Hermana | NULL | 1992-02-09 |
| Karol | Santa | sobrina | f | 2008-04-29 |
| Sofia | Santa | sobrina | f | 2008-01-01 |
+-----+-----+-----+-----+-----+
9 rows in set (0.000 sec)

MariaDB [arbol_generacional]>

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MariaDB [arbol_generacional]> SELECT * FROM familia WHERE parentesco="Hermana" AND sexo="f";
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Angelik | Suarez | Hermana | f | 1986-08-22 |
| Yuliana | Suarez | Hermana | f | 1985-08-31 |
| Angie | Suarez | Hermana | f | 1988-09-11 |
+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [arbol_generacional]>

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MariaDB [arbol_generacional]> SELECT * FROM familia WHERE parentesco="Hermano" AND sexo="m";
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Diego | Agudelo | Hermano | m | 1983-08-22 |
| Andres | Suarez | Hermano | m | 1982-05-13 |
| Camilo | Suarez | hermano | m | 1992-02-09 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [arbol_generacional]>

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MariaDB [arbol_generacional]> SELECT * FROM familia WHERE parentesco="sobrina" AND sexo="f";
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Karol  | Santa   | sobrina    | f    | 2008-04-29  |
| Sofia  | Santa   | sobrina    | f    | 2008-01-01  |
+-----+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [arbol_generacional]>
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MariaDB [arbol_generacional]> SELECT * FROM familia WHERE parentesco="Madre" AND sexo="f";
+-----+-----+-----+-----+-----+
| nombre | apellido | parentesco | sexo | nacimiento |
+-----+-----+-----+-----+-----+
| Cecilia | Suarez   | Madre      | f    | 1978-04-28  |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [arbol_generacional]>
```

```
MariaDB [arbol_generacional]> SELECT nombre, nacimiento FROM familia;
+-----+-----+
| nombre | nacimiento |
+-----+-----+
| Cecilia | 1978-04-28 |
| Diego   | 1983-08-22 |
| Andres  | 1982-05-13 |
| Angelik | 1986-08-22 |
| Yuliana | 1985-08-31 |
| Angie   | 1988-09-11 |
| Camilo  | 1992-02-09 |
| Karol   | 2008-04-29 |
| Sofia   | 2008-01-01 |
+-----+-----+
9 rows in set (0.000 sec)

MariaDB [arbol_generacional]>
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```
MariaDB [arbol_generacional]> SELECT nombre,parentesco FROM familia;
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nombre	parentesco
Cecilia	Madre
Diego	Hermano
Andres	Hermano
Angelik	Hermana
Yuliana	Hermana
Angie	Hermana
Camilo	hermano
Karol	sobrina
Sofia	sobrina

```
9 rows in set (0.001 sec)
```

```
MariaDB [arbol_generacional]>
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