

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 2 to server version: 4.1.14-nt

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> help

For the complete MySQL Manual online, visit:

<http://www.mysql.com/documentation>

For info on technical support from MySQL developers, visit:

<http://www.mysql.com/support>

For info on MySQL books, utilities, consultants, etc., visit:

<http://www.mysql.com/portal>

List of all MySQL commands:

Note that all text commands must be first on line and end with ';'.

? (\?) Synonym for 'help'.

clear (\c) Clear command.

connect (\r) Reconnect to the server. Optional arguments are db and host.

delimiter (\d) Set query delimiter.

ego (\G) Send command to mysql server, display result vertically.

exit (\q) Exit mysql. Same as quit.

go (\g) Send command to mysql server.

help (\h) Display this help.

notee (\t) Don't write into outfile.

print (\p) Print current command.

prompt (\R) Change your mysql prompt.

quit (\q) Quit mysql.

rehash (\#) Rebuild completion hash.

source (\.) Execute a SQL script file. Takes a file name as an argument.

status (\s) Get status information from the server.

tee (\T) Set outfile [to_outfile]. Append everything into given outfile.

use (\u) Use another database. Takes database name as argument.

For server side help, type 'help contents'

mysql> status

C:\Program Files\MySQL\MySQL Server 4.1\bin\mysql.exe Ver 14.7 Distrib 4.1.14,
for Win32 (ia32)

Connection id: 2

Current database:

Current user: root@localhost

SSL: Not in use

Using delimiter: ;
Server version: 4.1.14-nt
Protocol version: 10
Connection: localhost via TCP/IP
Server character set: latin1
Db character set: latin1
Client character set: latin1
Conn. character set: latin1
TCP port: 3306
Uptime: 1 min 49 sec

Threads: 1 Questions: 12 Slow queries: 0 Opens: 16 Flush tables: 1 Open tables: 0 Queries per second avg: 0.110

mysql> show databases;

```
+-----+  
| Database |  
+-----+  
| mysql   |  
| test    |  
+-----+
```

2 rows in set (0.00 sec)

mysql> CREATE database petstore;

Query OK, 1 row affected (0.02 sec)

mysql> use petstore;

Database changed

mysql> SHOW tables;

Empty set (0.00 sec)

**mysql> CREATE TABLE species (id INT NOT NULL AUTO_INCREMENT,
species VARCHAR(30) NOT NULL, PRIMARY KEY(id));**

Query OK, 0 rows affected (0.05 sec)

mysql> SHOW tables;

```
+-----+  
| Tables_in_petstore |  
+-----+  
| species             |  
+-----+
```

1 row in set (0.00 sec)

mysql> CREATE TABLE pet (id INT NOT NULL AUTO_INCREMENT, sp_id INT NOT NULL, sex CHAR(1) NOT NULL, price DECIMAL(4,2) NOT NULL, PRIMARY KEY(id));

Query OK, 0 rows affected (0.09 sec)

mysql> DESCRIBE species;

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+
| id    | int(11)   |      | PRI | NULL    | auto_increment |
| species | varchar(30) |      |     |         |               |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

mysql> DESC pet;

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+
| id    | int(11)   |      | PRI | NULL    | auto_increment |
| sp_id | int(11)   |      |     | 0       |             |
| sex   | char(1)   |      |     |         |             |
| price | decimal(4,2) |      |     | 0.00    |             |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

mysql> EXPLAIN pet;

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+
| id    | int(11)   |      | PRI | NULL    | auto_increment |
| sp_id | int(11)   |      |     | 0       |             |
| sex   | char(1)   |      |     |         |             |
| price | decimal(4,2) |      |     | 0.00    |             |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

mysql> INSERT INTO species(species) values('CAT');
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM species;

```
+-----+-----+
| id | species |
+-----+-----+
| 1 | CAT     |
+-----+-----+
1 row in set (0.00 sec)
```

mysql> SELECT * FROM species WHERE id =2;
Empty set (0.01 sec)

```
mysql> INSERT INTO species(species) values('DOG');
Query OK, 1 row affected (0.03 sec)
```

```
mysql> INSERT INTO species(species) values('BIRD');
Query OK, 1 row affected (0.03 sec)
```

```
mysql> SELECT * FROM species WHERE id=2;
```

```
+----+-----+
| id | species |
+----+-----+
| 2 | DOG    |
+----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT * FROM species ORDER BY species;
```

```
+----+-----+
| id | species |
+----+-----+
| 3 | BIRD    |
| 1 | CAT     |
| 2 | DOG     |
+----+-----+
3 rows in set (0.00 sec)
```

```
mysql> UPDATE species SET species = 'TURTLE' WHERE species ='DOG';
```

```
Query OK, 1 row affected (0.03 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT * FROM species;
```

```
+----+-----+
| id | species |
+----+-----+
| 1 | CAT     |
| 2 | TURTLE  |
| 3 | BIRD    |
+----+-----+
3 rows in set (0.00 sec)
```

```
mysql> DELETE FROM species WHERE id=1;
```

```
Query OK, 1 row affected (0.03 sec)
```

```
mysql> SELECT * FROM species;
```

```
+----+-----+
| id | species |
+----+-----+
| 2 | TURTLE  |
```

```
| 3 | BIRD |  
+---+-----+  
2 rows in set (0.00 sec)
```

```
mysql>
```