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.
otee
  ('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

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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 characterset: latin1
Db characterset: latin1
Client characterset: latin1
Conn. characterset: 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));
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> DESCRIBE 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    |
+----+---------+
| 3 | BIRD |
+---+-------+
2 rows in set (0.00 sec)

mysql>