

1 ID insert 17 15,16,17
Mysql insert ID 18 15
(1) MyISAM 18
MyISAM ID MySQL
ID
2 InnoDB 15
InnoDB ID
OPTIMIZE ID

2 Mysql

Mysql
SQL

3 Heap

HEAP

BLOB TEXT

= < > => =<

HEAP AUTO_INCREMENT
NULL

4 Mysql

Mysql 3306

5 Oracle Mysql

Mysql
Mysql

GUI

Mysql

6 FLOAT DOUBLE

FLOAT DOUBLE

8 FLOAT
DOUBLE 18

7 CHAR_LENGTH LENGTH

CHAR_LENGTH LENGTH Latin
Unicode

8 Mysql InnoDB

SQL

read uncommitted
read committed
repeatable read
serializable

9 Mysql ENUM

ENUM

Create table size(name ENUM('Small','Medium','Large'));

10 REGEXP

REGEXP

11 CHAR VARCHAR

CHAR VARCHAR

CHAR VARCHAR

CHAR 1 255

CHAR CHAR

12

SET

BLOB

ENUM

CHAR

TEXT

VARCHAR

13 Mysql

SELECT VERSION(); Mysql

14 Mysql

Storage mechanism
Locking levels
Indexing
Capabilities and functions.
15 Mysql

Mysql

PHP
JDBC
ODBC
CWRAPPER
PYTHON
PERL
RUBY
CAP11PHP
Ado.net5.mxj
16 TIMESTAMP UPDATE CURRENT_TIMESTAMP

TIMESTAMP Zero UPDATE
CURRENT_TIMESTAMP

17

18 Unix shell Mysql

[mysql dir]/bin/mysql -h hostname -u
19 myisamchk

MyISAM

20 MYSQL ?

21 HEAP

Heal max_heap_table_size Mysql

22 MyISAM Static MyISAM Dynamic

 MyISAM Static MyISAM TEXT BLOB

MyISAM Static

23 federated

federated

24 TIMESTAMP

25 AUTO INCREMENT

26

LAST_INSERT_ID Auto_increment

27

SHOW INDEX FROM

28. LIKE _

 0 _ LIKE

29 Unix Mysql

UNIX_TIMESTAMP Mysql Unix
FROM_UNIXTIME Unix Mysql

30

31

TINYTEXT
TEXT
MEDIUMTEXT
LONGTEXT
BLOB

BLOB TEXT

BLOB

TEXT

35 mysql_fetch_array mysql_fetch_object

mysql_fetch_array mysql_fetch_object

mysql_fetch_array -

mysql_fetch_object -

36 mysql

mysql;

mysql mysql.out

37 MyISAM

MyISAM

1/2 .frm"

. " .MYD1/2 MYData

" .MYI1/2 MYIndex

38. Mysql

5

MyISAM

Heap

Merge

INNODB

ISAM

MyISAM Mysql

39 ISAM

ISAM

IBM

40 InnoDB

InnoDB Oracle Innobase Oy

41 Mysql DISTINCT

DISTINCT GROUP BY ORDER BY

1
SELECT DISTINCT t1.a FROM t1,t2 where t1.a=t2.a;

42

X

Ox

43 50

Mysql 50

SELECT*FROM

LIMIT 0,50;

44

16

45 NOW CURRENT_DATE

NOW

CURRENT_DATE

46 CREATE

CREATE

DATABASE

EVENT

FUNCTION

INDEX

PROCEDURE

TABLE

TRIGGER

USER

VIEW

47 Mysql

TRIGGERS

Mysql

BEFORE INSERT

AFTER INSERT

BEFORE UPDATE

AFTER UPDATE

BEFORE DELETE

AFTER DELETE

48

TINYTEXT

TEXT

MEDIUMTEXT

LONGTEXT

49 SQL

CONCAT(A, B) -

FORMAT(X, D)- X D

CURRDATE(), CURRTIME()-

NOW -

MONTH DAY YEAR WEEK WEEKDAY -

HOUR MINUTE SECOND -

DATEDIFF A B -

SUBTIMES A B -

FROMDAYS INT -

50

ACL

Mysql

Mysql ACL

Mysql

ACL

51 MYSQL

MYSQL autocommit
mysql

MYSQL InnoDB Tables BDB tables MYSQL
, SET AUTOCOMMIT=0 MYSQL autocommit
autocommit COMMIT ROLLBACK

START TRANSACTION;

SELECT @A:=SUM(salary) FROM table1 WHERE type=1;

UPDATE table2 SET summmary=@A WHERE type=1;

COMMIT;

52 mysql

NUMERIC DECIMAL Mysql SQL92
()

salary DECIMAL(9,2)

9(precision) 2(scale)

salary -99999999.99 99999999.99
ANSI/ISO SQL92 DECIMAL(p) DECIMAL(p,0)
DECIMAL DECIMAL(p,0) p Mysql
DECIMAL/NUMERIC

DECIMAL NUMERIC

(scale>0) " -" () scale 0

DECIMAL NUMERIC

DECIMAL NUMERIC
NUMERIC

DOUBLE
precision scale

scale

DECIMAL

scale

DECIMAL NUMERIC
Mysql

(precision scale

53 MYSQL

mysql

54 mysql

Mysql
mysql_install_db
host

mysql
user db table_priv columns_priv

55 Mysql

MyISAM InnoDB