

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