

Resource

Online

Official Website

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MySQL Cheat Sheet [.pdf]
MySQL Database Quick Reference [.pdf]

Related

DB2
Oracle
PostgreSQL
SQL
SQLite
Sybase

Group

GROUP BY Functions

AVG()
BIT_AND()
BIT_OR()
BIT_XOR()
COUNT(DISTINCT)
COUNT()
GROUP_CONCAT()
MAX()
MIN()
STD()
STDDEV_POP()
STDDEV_SAMP()
STDDEV()
SUM()
VAR_POP()
VAR_SAMP()
VARIANCE()

Information

Information Functions

BENCHMARK()
CHARSET()
COERCIBILITY()
COLLATION()
CONNECTION_ID()
CURRENT_USER(), CURRENT_USER
DATABASE()
FOUND_ROWS()
LAST_INSERT_ID()
ROW_COUNT()
SCHEMA()
SESSION_USER()
SYSTEM_USER()
USER()
VERSION()

Ad

Data Types

Types

CHAR
String (0 - 255)
VARCHAR
String (0 - 255)
TINYTEXT
String (0 - 255)
TEXT
String (0 - 65535)
BLOB
String (0 - 65535)
MEDIUMTEXT
String (0 - 16777215)
MEDIUMBLOB
String (0 - 16777215)
LONGTEXT
String (0 - 429496-7295)
LONGBLOB
String (0 - 429496-7295)
TINYINT x
Integer (-128 to 127)
SMALLINT x
Integer (-32768 to 32767)
MEDIUMINT x
Integer (-8388608 to 8388607)
INT x
Integer (-2147-483648 to 214748-3647)
BIGINT x
Integer (-9223-372-036-854-775808 to 922337-203-685-477-5807)
FLOAT
Decimal (precise to 23 digits)
DOUBLE
Decimal (24 to 53 digits)
DECIMAL
"-DOU-BLE-" stored as string
DATE
YYYY-MM-DD
DATETIME
YYYY-MM-DD HH:MM:SS
TIMESTAMP
YYYYMM-DDH-HMMSS
TIME
HH:MM:SS
ENUM
One of preset options
SET
Selection of preset options

Samples

Select Queires

Returns all columns
*SELECT * FROM table*
Returns all columns
*SELECT * FROM table1, table2, ...*
Returns specific column
SELECT field1, field2, ... FROM table1, table2, ...
Returns rows that match condition
SELECT ... FROM ... WHERE condition
Returns with orders
SELECT ... FROM ... WHERE condition GROUP BY field
Returns withd orders and match condition
SELECT ... FROM ... WHERE condition GROUP BY field HAVING condition2
Returns first 10 rows
SELECT ... FROM ... WHERE condition LIMIT 10
Returns with no repeats

Operators

Assignment Operators

=
:=

Logical Operators

AND, &&
NOT, !
||, OR
XOR

Comparison Operators

BETWEEN ... AND ...
BINARY
&
~
|
^
CASE
DIV
/
<=>
=
>=
>
IS NOT NULL
IS NOT
IS NULL
IS
<<
<=
<
LIKE
-
% or MOD
NOT BETWEEN ... AND ...
!=, <>
NOT LIKE
NOT REGEXP
+
REGEXP
>>
RLIKE
SOUNDS LIKE
*
-

Miscellaneous

Miscellaneous Functions

DEFAULT()
GET_LOCK()
INET_ATON()
INET_NTOA()
IS_FREE_LOCK()
IS_USED_LOCK()
MASTER_POS_WAIT()
NAME_CONST()
RAND()
RELEASE_LOCK()
SLEEP()
UUID_SHORT()
UUID()
VALUES()

String

String Comparison

LIKE
NOT LIKE
STRCMP()

Regular Expressions

NOT REGEXP
REGEXP
RLIKE

String Functions

ASCII()
BIN()
BIT_LENGTH()
CHAR_LENGTH()
CHAR()
CHARACTER_LENGTH()
CONCAT_WS()
CONCAT()
ELT()
EXPORT_SET()
FIELD()
FIND_IN_SET()
FORMAT()
HEX()
INSERT()
INSTR()
LCASE()
LEFT()
LENGTH()
OCT()
PI()
POW()
POWER()
RADIANS()
RAND()
ROUND()
SIGN()
SIN()
SQRT()
TAN()
TRUNCATE()
ABS()
ACOS()
ASIN()
ATAN2(), ATAN()
ATAN()
CEIL()
CEILING()
CONV()
COS()
COT()
CRC32()
DEGREES()
EXP()
FLOOR()
LN()
LOG10()
LOG2()
LOG()
MOD()
OCT()
PI()
POW()
POWER()
RADIANS()
RAND()
ROUND()
SIGN()
SIN()
SQRT()
TAN()
TRUNCATE()

Mathematical

Arithmetic Op

DIV
/
-
% or MOD
+
*
-

Mathematical

ABS()
ACOS()
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ATAN2(), ATAN()
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ROUND()
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SIN()
SQRT()
TAN()
TRUNCATE()

E

Encryption and

AES_DECRYPT
AES_ENCRYPT
COMPRESS()
DECODE()
DES_DECRYPT
DES_ENCRYPT
ENCODE()
ENCRYPT()
MD5()
OLD_PASSWORD()
PASSWORD()
SHA1(), SHA()
SHA2()
UNCOMPRESS()
UNCOMPRESS()



returns and joins
SELECT ... FROM t1 JOIN t2 O
N t1.id1 = t2.id2 WHERE conditi
on