

Mysql-SQL&Function

1. [零 参考资料 3](#_Toc49681880)

[一 Functions and Operators 3](#_Toc49681881)

[1 概述 3](#_Toc49681882)

[2 运算符 3](#_Toc49681883)

[2.1 概述 3](#_Toc49681884)

[2.2 比较运算符 4](#_Toc49681885)

[3 Control Flow Functions 6](#_Toc49681886)

[4 数字相关 Functions & Operator 7](#_Toc49681887)

[4.1 计算运算符 7](#_Toc49681888)

[4.2 Function 8](#_Toc49681889)

[5 Date and Time function 10](#_Toc49681890)

[6 String Function and operators 11](#_Toc49681891)

[7 Aggregate Functions 13](#_Toc49681892)

[8 Other Functions and Operators 13](#_Toc49681893)

[二 SQL Statements 16](#_Toc49681894)

[1 Data Definition Statements（DDL） 16](#_Toc49681895)

[1.1 ALTER DATABASE 16](#_Toc49681896)

[1.2 ALTER EVENT 16](#_Toc49681897)

[1.3 ALTER FUNCTION 16](#_Toc49681898)

[1.4 ALTER INSTANCE 16](#_Toc49681899)

[1.5 ALTER LOGFILE GROUP 16](#_Toc49681900)

[1.6 ALTER PROCEDURE 16](#_Toc49681901)

[1.7 ALTER SERVER 16](#_Toc49681902)

[1.8 ALTER TABLE 16](#_Toc49681903)

[1.9 ALTER TABLESPACE 16](#_Toc49681904)

[1.10 ALTER VIEW 16](#_Toc49681905)

[1.11 CREATE DATABASE 16](#_Toc49681906)

[1.12 CREATE EVENT 16](#_Toc49681907)

[1.13 CREATE FUNCTION 16](#_Toc49681908)

[1.14 CREATE INDEX 16](#_Toc49681909)

[1.15 CREATE LOGFILE GROUP 16](#_Toc49681910)

[1.16 CREATE PROCEDURE and CREATE FUNCTIONs 16](#_Toc49681911)

[1.17 CREATE SERVER 16](#_Toc49681912)

[1.18 CREATE TABLE 16](#_Toc49681913)

[1.19 CREATE TABLESPACE 16](#_Toc49681914)

[1.20 CREATE TRIGGER 16](#_Toc49681915)

[1.21 CREATE VIEW 16](#_Toc49681916)

[1.22 DROP DATABASE 16](#_Toc49681917)

[1.23 DROP EVENT 16](#_Toc49681918)

[1.24 DROP FUNCTION 16](#_Toc49681919)

[1.25 DROP INDEX 16](#_Toc49681920)

[1.26 DROP LOGFILE GROUP 16](#_Toc49681921)

[1.27 DROP PROCEDURE and DROP FUNCTIONs 16](#_Toc49681922)

[1.28 DROP SERVER 16](#_Toc49681923)

[1.29 DROP TABLE 16](#_Toc49681924)

[1.30 DROP TABLESPACE 16](#_Toc49681925)

[1.31 DROP TRIGGER 16](#_Toc49681926)

[1.32 DROP VIEW 17](#_Toc49681927)

[1.33 RENAME TABLE 17](#_Toc49681928)

[1.34 TRUNCATE TABLE 17](#_Toc49681929)

[2 Data Manipulation Statements（DML） 17](#_Toc49681930)

[2.1 INSERT 17](#_Toc49681931)

[2.2 UPDATE 17](#_Toc49681932)

[2.3 SELECT Statement 17](#_Toc49681933)

[2.4 Subqueries 17](#_Toc49681934)

[2.5 DELETE 17](#_Toc49681935)

[2.6 CALL 17](#_Toc49681936)

[2.7 DO 17](#_Toc49681937)

[2.8 HANDLER 17](#_Toc49681938)

[2.9 LOAD DATA 17](#_Toc49681939)

[2.10 LOAD XML 17](#_Toc49681940)

[2.11 REPLACE 17](#_Toc49681941)

[3 Transactional and Locking Statements 17](#_Toc49681942)

[3.1 Transctional 17](#_Toc49681943)

[3.2 XA Transactions 17](#_Toc49681944)

[3.3 LOCK TABLE 17](#_Toc49681945)

[4 Database Administration Statements 17](#_Toc49681946)

[4.1 SHOW 17](#_Toc49681947)

[4.2 ALTER USER 18](#_Toc49681948)

[4.3 CREATE USER 18](#_Toc49681949)

[4.4 DROP USER 18](#_Toc49681950)

[4.5 GRANT 18](#_Toc49681951)

[4.6 RENAME USER 18](#_Toc49681952)

[4.7 REVOKE 18](#_Toc49681953)

[4.8 SET PASSWORD 18](#_Toc49681954)

[4.9 ANALYZE TABLE 18](#_Toc49681955)

[4.10 CHECK TABLE 18](#_Toc49681956)

[4.11 CHECKSUM TABLE 18](#_Toc49681957)

[4.12 OPTIMIZE TABLE 18](#_Toc49681958)

[4.13 REPAIR TABLE 18](#_Toc49681959)

[4.14 SET Variable 18](#_Toc49681960)

[4.15 Other 18](#_Toc49681961)

[5 Utility Statements 19](#_Toc49681962)

[5.1 EXPLAIN 19](#_Toc49681963)

[5.2 Other 19](#_Toc49681964)

[6 Replication Statements 19](#_Toc49681965)

[7 Compound Statements 19](#_Toc49681966)

[8 Prepared Statements 19](#_Toc49681967)

# 零 参考资料

《高性能Mysql 第三版》

官方文档：

<https://dev.mysql.com/doc/refman/5.7/en/functions.html>

<https://dev.mysql.com/doc/refman/5.7/en/sql-statements.html>

# Functions and Operators