

Data types in MySQL

- String
- Numeric
- Date

MySQL: compare
MEAN



Indexing

Strings

- Varchar(size) char 0-65535 Null
- CHAR(size) - 0-255 # ①
- TEXT - 65535 bytes ②
- LONGTEXT - 4x10⁹ char
- Enum - 65535 values Blank space

Numeric

Integer Boolean float → 1,0

Int - 4x10⁹, -2x10⁹ to 2x10⁹

MEDIUMINT (1x10⁷) -8388608 to 8388607
6-

$$0.1 + 0.2 = 0.3000001$$

0.3

float
double

DECIMAL = decimal(size, d)

Date time

1970: 01:01:00:00:00

Date: YYYY-MM-DD 2023-01-01

Datetime: YYYY-MM-DD hh:mm:ss 2023-05-01 22:00:00

Timestamp: 1420000000

YEAR: YYYY