

Figure 1: Database Structure and Data Ranges

Field name	Data type
KEY (primary key)	Unsigned integer
INT	Integer
SIGNED	Signed integer
FLOAT	Single-precision floating-point
DOUBLE	Double-precision floating-point
DECIM	Fixed decimal
DATE	Date
CODE (Alt key)	Fixed character
NAME	Fixed character
ADDRESS	Variable character
FILL	Fixed character

Figure 2: Tables and Indexes

Table name	Indexed field
HUNDRED	KEY CODE NAME
UPDATES	KEY CODE INT SIGNED DOUBLE DECIM

Data range/length

0 to 1 billion

0 to 1 billion

-1 billion to 1 billion

-1.2 billion to 1.2 billion

-1.2 billion to 1.2 billion

-1 billion to 1 billion

01/1/1900 to 12/1/2000

10 alphanumeric characters

20 alphanumeric characters

2 to 80 alphanumeric characters

6 characters

Function

Primary key

Alternate key

Primary key

Alternate key

Unique values

Yes

Yes

No

Yes

Yes

Yes

Yes

No

No