

Sheet1

Figure 1: Database Structure and Data Ranges

Field name	Data type	Data range/length
KEY (primary key)	Unsigned integer	0 to 1 billion
INT	Integer	0 to 1 billion
SIGNED	Signed integer	-1 billion to 1 billion
FLOAT	Single-precision floating-point	-1.2 billion to 1.2 billion
DOUBLE	Double-precision floating-point	-1.2 billion to 1.2 billion
DECIM	Fixed decimal	-1 billion to 1 billion
DATE	Date	01/1/1900 to 12/1/2000
CODE (Alt key)	Fixed character	10 alphanumeric characters
NAME	Fixed character	20 alphanumeric characters
ADDRESS	Variable character	2 to 80 alphanumeric characters
FILL	Fixed character	6 characters

Figure 2: Tables and Indexes

Table name	Indexed field	Function
HUNDRED	KEY	Primary key
	CODE	Alternate key
	NAME	
UPDATES	KEY	Primary key
	CODE	Alternate key
	INT	
	SIGNED	
	DOUBLE	
	DECIM	

Unique values
Yes
Yes
No
Yes
Yes
Yes
Yes
No
No