**fingerprint\_lib:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 字段 | 类型 | 空 | 主键 | 解释 |
| id | **int** | **no** | **yes** | **主键,自动增加** |
| model\_num | **int** | **no** |  | **模型序号(每次底图采集模型序号+1,从1计数)** |
| update\_num | **Int** | **no** |  | **更新次数序号(0为底图)** |
| building\_id | **varchar(40)** | **no** |  | **建筑id** |
| floor | **varchar(20)** | **no** |  | **楼层** |
| signal\_type | **int** | **no** |  | **信号类型（1 = WIFI；2 = 蓝牙）** |
| coordinate\_x | **float(18,8)** | **no** |  | **x坐标** |
| coordinate\_y | **float(18,8)** | **no** |  | **y坐标** |
| signal\_mac\_address | **varchar(20)** | **no** |  | **AP的MAC地址** |
| signal\_name | **varchar(40)** | **yes** |  | **AP的NAME** |
| signal\_strength | **int** | **no** |  | **信号强度** |
| signal\_time | **Varchar(40)** | **no** |  | **采集时间** |

'''CREATE TABLE IF NOT EXISTS fingerprint\_lib

(id SERIAL NOT NULL PRIMARY KEY,

model\_num INT NOT NULL,

update\_num INT NOT NULL,

building\_id VARCHAR(40) NOT NULL,

floor VARCHAR(20) NOT NULL,

signal\_type INT NOT NULL,

coordinate\_x NUMERIC(18,8) NOT NULL,

coordinate\_y NUMERIC(18,8) NOT NULL,

signal\_mac\_address VARCHAR(20) NOT NULL,

signal\_name VARCHAR(40),

signal\_strength INT NOT NULL,

signal\_time VARCHAR(40) NOT NULL);'''

**version\_lib:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 字段 | 类型 | 空 | 主键 | 解释 |
| id | **int** | **no** | **yes** | **主键,自动增加** |
| model\_num | **int** | **no** |  | **模型序号(每次底图采集模型序号+1,从1计数)** |
| update\_num | **Int** | **no** |  | **更新次数序号(0为底图)** |
| building\_id | **varchar(40)** | **no** |  | **建筑id** |
| signal\_type | **int** | **no** |  | **信号类型（1 = WIFI；2 = 蓝牙）** |

'''CREATE TABLE IF NOT EXISTS version\_lib

(id SERIAL NOT NULL PRIMARY KEY,

model\_num INT NOT NULL,

update\_num INT NOT NULL,

building\_id VARCHAR(40) NOT NULL,

signal\_type INT NOT NULL);'''

**每次:**

**插入fingerprint\_lib**

**插入 version\_lib**

**请求一次（初次生成文件）**