**数据表**

fingerprint\_record:每一条指纹数据为一条记录

signal\_record:每一个RSS值为一条记录,以外键与fingerprint\_record关联

fingerprint\_lib:原始指纹库和更新后的指纹库

**数据表内容**

fingerprint\_record:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 字段 | 类型 | 空 | 主键 | 解释 |
| id | **int(10)** | **no** | **yes** | **主键,自动增加** |
| model\_num | **int(10)** | **no** |  | **模型序号** |
| address | **varchar(40)** | **no** |  | **地址(如c204)** |
| phone\_ip | **char(15)** | **no** |  | **手机ip地址/型号** |
| signal\_type | **int(10)** | **no** |  | **信号类型（1 = WIFI；2 = 蓝牙）** |
| coordinate\_x | **int(10)** | **no** |  | **x坐标** |
| coordinate\_y | **int(10)** | **no** |  | **y坐标** |
| direction | **varchar(6)** | **yes** |  | **朝向** |
| signal\_time | **varchar(40)** | **yes** |  | **采集时间** |

signal\_record:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 字段 | 类型 | 空 | 主键 | 解释 |
| id | **int(10)** | **no** | **yes** | **主键,自动增加** |
| record\_id | **int(10)** | **no** |  | **外键,对应fingerprint\_record主键** |
| signal\_mac\_address | **varchar(20)** | **yes** |  | **AP的MAC地址** |
| signal\_strength | **int(10)** | **no** |  | **信号强度** |

fingerprint\_lib:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 字段 | 类型 | 空 | 主键 | 解释 |
| id | **int(10)** | **no** | **yes** | **主键,自动增加** |
| model\_num | **int(10)** | **no** |  | **模型序号** |
| update\_num | **Int(10)** | **no** |  | **更新次数序号(0为原始数据)** |
| address | **varchar(40)** | **no** |  | **地址(如c204)** |
| signal\_type | **int(10)** | **no** |  | **信号类型（1 = WIFI；2 = 蓝牙）** |
| coordinate\_x | **int(10)** | **no** |  | **x坐标** |
| coordinate\_y | **int(10)** | **no** |  | **y坐标** |
| signal\_mac\_address | **varchar(20)** | **yes** |  | **AP的MAC地址** |
| signal\_strength | **int(10)** | **no** |  | **信号强度** |