猫咪

地址模块设计说明书

(版本号 V1.0)

广州市香港科大霍英东研究院

2015年8月

更改履历

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 版本号 | 修改编号 | 更改时间 | 更改章节号 | 更改简要描述 | 更改人 | 批准人 |
| V1.0 | 001 | 2015-08-26 |  | 建立模版 | GuoGuo |  |
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# 数据说明

## 表（Table）及模型（Model）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | 列出所有数据库表（Table）及其对应的模型（Model） | | | | |
| 名称 | 表（Table）  t\_address\_\* | 模型（Model）  Address\* | 继承  extends | 实现  Implements | 功能 |
| 通用 |  | Common | Platform\\*\*\* | IModel | 处理连接 |
| 多语言 |  | NameModel | Common |  | 处理Name(en,sc,tc) |
| 层级 | layer\_desc | LayerDesc | NameModel |  | 处理layer |
|  |  | LayerNameModel | NameModel |  | 处理Layer |
| 总区 | area | Area | LayerNameModel |  |  |
| 大区 | district | District | Area |  | 处理area\_id |
| 小区 | subdistrict | Subdistrict | District |  | 处理district\_id |
| 街 | street | Street | LayerNameModel |  | 处理subdistrict\_id |
|  |  | StreetBelong | Common |  | 处理street\_id |
| 街-总区 | street\_area | StreetArea | StreetBelong |  | 处理area\_id |
| 街-大区 | street\_district | StreetDistrict | StreetBelong |  | 处理district\_id |
| 街-小区 | street\_subdistrict | StreetSubdistrict | StreetBelong |  | 处理subdistrict\_id |
| 街道号 | street\_number | StreetNumber | Common |  |  |
| 屋苑/楼宇 | estate\_building | EstateBuilding | LayerNameModel |  |  |
| 屋苑楼宇-街道号 | estate\_building\_street\_number | EsateBuildingStreetNumber | Common |  |  |
| 地段 | lot | Lot | Common |  |  |
| 期/座 | phase\_block | PhaseBlock | Common |  | 处理estate\_building\_id  layer，name |
| 层 | floor | Floor | PhaseBlock |  | 处理phase\_block\_id |
| 单元 | unit | Unit | Floor |  | 处理floor\_id |

## 层级管理表（t\_address\_layer\_desc）

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 说明 | 管理每一级地址的统称 | | | | | | | |
| 字段 | 类型 | | 描述 | | | NULL | | DEFAULT |
| id | int unsigned | | 自增，状态唯一ID | | | NOT | |  |
| create\_time | int unsigned | | 创建时间 | | | NOT | |  |
| update\_time | int unsigned | | 修改时间 | | | NOT | |  |
| status\_id | int unsigned | | 状态，索引到t\_status | | | NOT | |  |
| layer | tinyint unsigned | | 层级（1,2,3,4,5,6,7,8,9） | | | NOT | |  |
| name\_en | char(32) | | 英文名称 | | |  | | NULL |
| name\_sc | char(16) | | 简体中文名称 | | |  | | NULL |
| name\_tc | char(16) | | 繁体中文名称 | | |  | | NULL |
| PRIMARY KEY (`id`),  UNIQUE KEY `layer` (`layer`) | | | | | | | | |
| layer:name | | layer | | name\_en | name\_sc | | name\_tc | |
| 1 | | Area | 总区 | | 总区 | |
| 2 | | District | 大区 | | 大区 | |
| 3 | | Subdistrict | 小区 | | 小区 | |
| 4 | | Street | 街道 | | 街道 | |
| 5 | | Street Number | 街道号 | | 街道号 | |
| 6 | | Estate/Building | 屋苑/楼宇 | | 屋苑/楼宇 | |
| 7 | | Phase/Block | 期/座 | | 期/座 | |
| 8 | | Floor | 层 | | 层 | |
| 9 | | Unit | 单元 | | 单元 | |
|  | |  |  | |  | |
| json | | {  “id”:\*\*\*,  “layer”:\*\*\*,  “name”:{  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | | | | |

## 总区表（t\_address\_area）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | 存储 所有 总区 | | | | |
| 字段 | 类型 | | 描述 | NULL | DEFAULT |
| id | int unsigned | | 自增 | NOT |  |
| create\_time | int unsigned | | 创建时间 | NOT |  |
| update\_time | int unsigned | | 修改时间 | NOT |  |
| status\_id | int unsigned | | 状态，索引到t\_status | NOT |  |
| layer | tinyint unsigned | | 层级，索引到t\_address\_layer\_desc | NOT | 1 |
| name\_en | char(64) | | 英文名称 |  | NULL |
| name\_sc | char(32) | | 简体中文名称 |  | NULL |
| name\_tc | char(32) | | 繁体中文名称 |  | NULL |
| PRIMARY KEY (`id`)  UNIQUE KEY `en` (`name\_en`)  UNIQUE KEY `sc` (`name\_sc`)  UNIQUE KEY `tc` (`name\_tc`) | | | | | |
| json | | {  “id”:\*\*\*,  “layer”:\*\*\*,  “name”:  {  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | |

## 大区表（t\_address\_district）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | 存储 总区 下的所有 大区 | | | | |
| 字段 | 类型 | | 描述 | NULL | DEFAULT |
| id | int unsigned | | 自增 | NOT |  |
| create\_time | int unsigned | | 创建时间 | NOT |  |
| update\_time | int unsigned | | 修改时间 | NOT |  |
| status\_id | int unsigned | | 状态，索引到t\_status | NOT |  |
| layer | tinyint unsigned | | 层级，索引到t\_address\_layer\_desc | NOT | 1 |
| area\_id | int unsigned | | 总区，索引到t\_address\_area | NOT |  |
| name\_en | char(64) | | 英文名称 |  | NULL |
| name\_tc | char(32) | | 繁体中文名称 |  | NULL |
| name\_sc | char(32) | | 简体中文名称 |  | NULL |
| PRIMARY KEY (`id`)  UNIQUE KEY `en` (`layer`, `name\_en`)  UNIQUE KEY `sc` (`layer`, `name\_sc`)  UNIQUE KEY `tc` (`layer`, `name\_tc`) | | | | | |
| json | | {  “id”:\*\*\*,  “layer”:\*\*\*,  “area\_id”:\*\*\*,”  “name”:  {  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | |

## 小区表（t\_address\_subdistrict）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | 存储 总区\大区 下的所有 小区 | | | | |
| 字段 | 类型 | | 描述 | NULL | DEFAULT |
| id | int unsigned | | 自增 | NOT |  |
| create\_time | int unsigned | | 创建时间 | NOT |  |
| update\_time | int unsigned | | 修改时间 | NOT |  |
| status\_id | int unsigned | | 状态，索引到t\_status | NOT |  |
| layer | tinyint unsigned | | 层级，索引到t\_address\_layer\_desc | NOT | 2 |
| area\_id | int unsigned | | 总区，索引到t\_address\_area | NOT |  |
| district\_id | int unsigned | | 大区，索引到t\_address\_district | NOT |  |
| name\_en | char(64) | | 英文名称 |  | NULL |
| name\_sc | char(32) | | 简体中文名称 |  | NULL |
| name\_tc | char(32) | | 繁体中文名称 |  | NULL |
| PRIMARY KEY (`id`)  UNIQUE KEY `en` (`name\_en`)  UNIQUE KEY `sc` (`name\_sc`)  UNIQUE KEY `tc` (`name\_tc`) | | | | | |
| json | | {  “id”:\*\*\*,  “layer”:\*\*\*,  “area\_id”:\*\*\*,  “district\_id”:\*\*\*”,  “name”:  {  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | |

## 街道表（t\_address\_street）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | 存储 所有 街道 | | | | |
| 字段 | 类型 | | 描述 | NULL | DEFAULT |
| id | int unsigned | | 自增 | NOT |  |
| create\_time | int unsigned | | 创建时间 | NOT |  |
| update\_time | int unsigned | | 修改时间 | NOT |  |
| status\_id | int unsigned | | 状态，索引到t\_status | NOT |  |
| layer | tinyint unsigned | | 层级，索引到t\_address\_layer\_desc | NOT | 4 |
| name\_en | char(255) | | 英文名称 |  | NULL |
| name\_sc | char(128) | | 简体中文名称 |  | NULL |
| name\_tc | char(128) | | 繁体中文名称 |  | NULL |
| PRIMARY KEY (`id`)  KEY `en` (`name\_en`)  KEY `sc` (`name\_sc`)  KEY `tc` (`name\_tc`) | | | | | |
| json | | {  “id”:\*\*\*,  “layer”:\*\*\*,  “name”:  {  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | |

## 街道总区所属表（t\_address\_street\_area）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 说明 | 存储 街道 与 总区 的所属关系 | | | |
| 字段 | 类型 | 描述 | NULL | DEFAULT |
| id | int unsigned | 自增 | NOT |  |
| create\_time | int unsigned | 创建时间 | NOT |  |
| update\_time | int unsigned | 修改时间 | NOT |  |
| status\_id | int unsigned | 状态，索引到t\_status | NOT |  |
| street\_id | int unsigned | 街道，索引到t\_address\_street | NOT |  |
| area\_id | int unsigned | 总区，索引到t\_address\_area | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `street` (`street\_id`, `area\_id`) | | | | |
| json | {  “id”:\*\*\*,  “street\_id”:\*\*\*,  “area\_d”:\*\*\*  } | | | |

## 街道大区所属表（t\_address\_street\_district）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 说明 | 存储 街道 与 大区 的所属关系 | | | |
| 字段 | 类型 | 描述 | NULL | DEFAULT |
| id | int unsigned | 自增 | NOT |  |
| create\_time | int unsigned | 创建时间 | NOT |  |
| update\_time | int unsigned | 修改时间 | NOT |  |
| status\_id | int unsigned | 状态，索引到t\_status | NOT |  |
| street\_id | int unsigned | 街道，索引到t\_address\_street | NOT |  |
| district\_id | int unsigned | 大区，索引到t\_address\_district | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `street` (`street\_id`, `district\_id`) | | | | |
| json | {  “id”:\*\*\*,  “street\_id”:\*\*\*,  “district\_d”:\*\*\*  } | | | |

## 街道小区所属表（t\_address\_street\_subdistrict）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 说明 | 存储 街道 与 分区 的所属关系 | | | |
| 字段 | 类型 | 描述 | NULL | DEFAULT |
| id | int unsigned | 自增 | NOT |  |
| create\_time | int unsigned | 创建时间 | NOT |  |
| update\_time | int unsigned | 修改时间 | NOT |  |
| status\_id | int unsigned | 状态，索引到t\_status | NOT |  |
| street\_id | int unsigned | 街道，索引到t\_address\_street | NOT |  |
| subdistrict\_id | int unsigned | 小区，索引到t\_address\_subdistrict | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `street` (`street\_id`, `subdistrict\_id`) | | | | |
| json | {  “id”:\*\*\*,  “street\_id”:\*\*\*,  “sub\_district\_d”:\*\*\*  } | | | |

## 街道号表（t\_address\_street\_number）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 说明 | 存储 街道号 下的所有 街道号 | | | |
| 字段 | 类型 | 描述 | NULL | DEFAULT |
| id | int unsigned | 自增 | NOT |  |
| create\_time | int unsigned | 创建时间 | NOT |  |
| update\_time | int unsigned | 修改时间 | NOT |  |
| status\_id | int unsigned | 状态，索引到t\_status | NOT |  |
| layer | tinyint unsigned | 层级，索引到t\_address\_layer\_desc | NOT | 5 |
| area\_id | int unsigned | 总区，索引到t\_address\_area | NOT |  |
| district\_id | int unsigned | 大区，索引到t\_address\_district | NOT |  |
| subdistrict\_id | int unsigned | 小区，索引到t\_address\_subdistrict | NOT |  |
| street\_id | int unsigned | 街道，索引到t\_address\_street | NOT |  |
| name | char(128) | 名字 | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `name` (`street\_id`, `name`) | | | | |
| json | {  “id”:\*\*\*,  “layer”:\*\*\*,  “street\_id”:\*\*\*,  “name”:”\*\*\*”  } | | | |

## 屋苑楼宇表（t\_address\_estate\_building）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 所有 屋苑楼宇 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | int unsigned | 状态，索引到t\_status | NOT |  |
| layer | | tinyint unsigned | 层级，索引到t\_address\_layer\_desc | NOT | 6 |
| area\_id | | int unsigned | 总区，索引到t\_address\_area |  | NULL |
| district\_id | | int unsigned | 大区，索引到t\_address\_district |  | NULL |
| subdistrict\_id | | int unsigned | 小区，索引到t\_address\_subdistrict |  | NULL |
| street\_id | | int unsigned | 街道，索引到t\_address\_street |  | NULL |
| street\_number\_id | | int unsigned | 街道号，索引到t\_address\_street\_number |  | NULL |
| name\_en | | char(255) | 英文名称 |  | NULL |
| name\_sc | | char(128) | 简体中文名称 |  | NULL |
| name\_tc | | char(128) | 繁体中文名称 |  | NULL |
| build\_year | | char(8) | 修建日期 | NOT |  |
| PRIMARY KEY (`id`)  KEY `en` (`name\_en`)  KEY `sc` ( `name\_sc`)  KEY `tc` ( `name\_tc`) | | | | | |
| json | {  “id”:\*\*\*,  “layer”:\*\*\*,  “name”:  {  “en”:”\*\*\*”,  “sc”:”\*\*\*”,  “tc”:”\*\*\*”  }  } | | | | |

## 屋苑楼宇街道号所属表（t\_address\_estate\_building\_street\_number）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 屋苑楼宇 与 街道 的所属关系 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | tinyint unsigned | 状态，索引到t\_status | NOT |  |
| estate\_building\_id | | int unsigned | 屋苑楼宇，索引到t\_address\_estate\_building | NOT |  |
| street\_id | | int unsigned | 街道，索引到t\_address\_street | NOT |  |
| street\_number\_id | | int unsigned | 街道号，索引到t\_address\_street\_number | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `estate\_building` (`estate\_building\_id`, `street\_id`) | | | | | |
| json | {  “id”:\*\*\*,  “estate\_building\_id”:\*\*\*,  “street\_id”:\*\*\*  } | | | | |

## 地段表（t\_address\_lot）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 所有 地段 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | tinyint unsigned | 状态，索引到t\_status | NOT |  |
| name | | char(128) | 名称 | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `name` (`name`) | | | | | |
| json | {  “id”:\*\*\*,  “name”:”\*\*\*”  } | | | | |

## 期表（t\_address\_phase\_block）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 屋苑/楼宇 下的所有 期/座 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | int unsigned | 状态，索引到t\_status | NOT |  |
| layer | | tinyint unsigned | 层级，索引到t\_address\_layer\_desc | NOT | 7 |
| estate\_building\_id | | int unsigned | 屋苑楼宇，索引到t\_address\_estate\_building | NOT |  |
| name | | char(16) | 名称 | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `name` (`estate\_building\_id`, `name`) | | | | | |
| json | {  “id”:\*\*\*,  “layer”:\*\*\*,  “estate\_building\_id”:\*\*\*  “name”:”\*\*\*”  } | | | | |

## 层表（t\_address\_floor）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 屋苑\楼宇=>期\座 下的所有 层 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | int unsigned | 状态，索引到t\_status | NOT |  |
| layer | | tinyint unsigned | 层级，索引到t\_address\_layer\_desc | NOT | 9 |
| estate\_building\_id | | int unsigned | 屋苑楼宇，索引到t\_address\_estate\_building | NOT |  |
| phase\_block\_id | | int unsigned | 期，索引到t\_address\_phase\_block |  | 0 |
| name | | char(16) | 名称 | NOT |  |
| value | | int | name的数值表示  name是数值，直接转换  B: -1  G: -1  P: -1  其他: 0 | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `name` (`estate\_building\_id`, `phase\_block\_id`,`name`) | | | | | |
| json | {  “id”:\*\*\*,  “layer”:\*\*\*,  “estate\_building\_id”:\*\*\*  “phase\_block\_id”:\*\*\*  “name”:”\*\*\*”  } | | | | |

## 单元表（t\_address\_unit）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 说明 | | 存储 屋苑\楼宇=>期\座=>层 下的所有 单元 | | | |
| 字段 | | 类型 | 描述 | NULL | DEFAULT |
| id | | int unsigned | 自增 | NOT |  |
| create\_time | | int unsigned | 创建时间 | NOT |  |
| update\_time | | int unsigned | 修改时间 | NOT |  |
| status\_id | | int unsigned | 状态，索引到t\_status | NOT |  |
| layer | | tinyint unsigned | 层级，索引到t\_address\_layer\_desc | NOT | 9 |
| prn | | char(8) | 港府物业唯一编号 | NOT |  |
| lot | | char(128) | 地段 | NOT |  |
| lot\_id | | int unsigned | 地段，索引到t\_address\_lot | NOT |  |
| estate\_building\_id | | int unsigned | 屋苑楼宇，索引到t\_address\_estate\_building | NOT |  |
| phase\_block | | char(32) | 期座 |  |  |
| phase\_block\_id | | int unsigned | 期座，索引到t\_address\_phase\_block |  | 0 |
| floor | | char(32) | 层 |  |  |
| floor\_id | | int unsigned | 层，索引到t\_address\_flooor | NOT |  |
| name | | char(16) | 名称 | NOT |  |
| PRIMARY KEY (`id`)  UNIQUE KEY `name` (`estate\_building\_id`, `phase\_block\_id`,`floor\_id`,`name`) | | | | | |
| json | {  “id”:\*\*\*,  “layer”:\*\*\*,  “estate\_building\_id”:\*\*\*  “phase\_block\_id”:\*\*\*  “floor\_id”:\*\*\*  “name”:”\*\*\*”  } | | | | |

# 接口说明

## 控制器（Controller）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 说明 | 列出所有控制器（Controller） | | | |
| 名称 | 控制器  Address\*Controller | 扩展  extends | 实现  implements | 功能 |
| 层级描述 | LayerDesc | Base/RecordController | IEditController  IListController  ISelectController  ITableController |  |
| 总区 | Area | 同上 | 同上 |  |
| 大区 | District | 同上 | 同上 |  |
| 小区 | SubDistrct | 同上 | 同上 |  |
| 街道 | Street | 同上 | 同上 |  |
| 街道号 | StreetNumber | 同上 | 同上 |  |
| 屋苑楼宇 | EastateBuilding | 同上 | 同上 |  |
| 地段 | Lot | 同上 | 同上 |  |
| 期座 | PhaseBlock | 同上 | 同上 |  |
| 层 | Floor | 同上 | 同上 |  |
| 单元 | Unit | 同上 | 同上 |  |

## 层级描述列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 地址描述列表 | | | |
| 描述 | 输出所有地址描述 | | | |
| App路径（接口） | /mewme/address-layer-desc/list | | | |
| Web路径（页面） | /mewme/address-layer-desc/table  /mewme/address-layer-desc/list | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 |  |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”:  {  “list”:[]  }  } | | | |

## 总区列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 总区列表 | | | |
| 描述 | 输出所有总区 | | | |
| App路径（接口） | /mewme/address-area/list | | | |
| Web路径（页面） | /mewme/address-area/table  /mewme/address-area/list | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 |  |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”:  {  “list”:[]  }  } | | | |

## 大区列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 大区列表 | | | |
| 描述 | 输出所有大区  可根据总区过滤 | | | |
| App路径（接口） | /mewme/address-district/list | | | |
| Web路径（页面） | /mewme/address-district/table  /mewme/address-district/list  /mewme/address-district/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| area\_id | Integer | 总区ID | YES，输出所有 |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

## 小区列表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 接口名称 | 小区列表 | | | | |
| 描述 | 输出所有小区  可根据总区、大区过滤 | | | | |
| App路径（接口） | /mewme/address-subdistrict/list | | | | |
| Web路径（页面） | /mewme/address-subdistrict/table  /mewme/address-subdistrict/list  /mewme/address-subdistrict/select | | | | |
| 请求方法 | GET | | | | |
| 登录态 | 无 | | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 | |
| area\_id | Integer | 总区ID | YES | 同时为空，输出所有  最小单位优先 |
| district\_id | Integer | 大区ID，逗号分隔 | YES |
|  |  |  |  | |
|  |  |  |  | |
| 输出DATA | 名称 | 类型 | 说明 | | |
| 无 |  |  | | |
|  |  |  | | |
| 错误信息 |  | | | | |
| 备注 |  | | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | | |

## 所有区（总区，大区，小区）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 所有去 | | | |
| 描述 | 输出所有区 | | | |
| App路径（接口） | /mewme/address-area/district | | | |
| Web路径（页面） |  | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “areas”:[]  }  } | | | |

## 街道列表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 接口名称 | 街道列表 | | | | |
| 描述 | 输出街道列表  可根据总区、大区、小区过滤  可根据关键词过滤  支持分页 | | | | |
| App路径（接口） | /mewme/address-street/list | | | | |
| Web路径（页面） | /mewme/address-street/table  /mewme/address-street/list  /mewme/address-street/select | | | | |
| 请求方法 | GET | | | | |
| 登录态 | 无 | | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 | |
| area\_id | Integer | 总区ID street\_area | YES | 不能同时为空  key优先  最小单位优先 |
| district\_id | Integer | 大区ID，逗号street\_district | YES |
| subdistrict\_id | Integer | 小区ID，逗号street\_subdistrict | YES |
| key | String | 关键字 | YES |
| page | Integer | 第几页 |  | |
| count | Integer | 每页个数 | YES，为空一页输出 | |
|  |  |  |  | |
|  |  |  |  | |
| 输出DATA | 名称 | 类型 | 说明 | | |
| 无 |  |  | | |
|  |  |  | | |
| 错误信息 |  | | | | |
| 备注 |  | | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | | |

## 街道归属查询

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 街道归属查询 | | | |
| 描述 | 输出街道归属总区，大区，小区 | | | |
| App路径（接口） | /mewme/address-street/belong | | | |
| Web路径（页面） | /mewme/address-street/belong | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| street\_id | Integer | 街道ID |  |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “areas”:[],  “districts”:[],  “subdistricts”:[]  }  } | | | |

## 街道号列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 街道号列表 | | | |
| 描述 | 根据街道输出所有街道号 | | | |
| App路径（接口） | /mewme/address-street-number/list | | | |
| Web路径（页面） | /mewme/address-street-number/table  /mewme/address-street-number/list  /mewme/address-street-number/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| street\_id | Integer | 街道ID |  |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

## 屋苑楼宇列表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口名称 | 屋苑楼宇列表 | | | | | |
| 描述 | 输出屋苑楼宇列表  可根据总区、大区、小区、街道、街道号过滤  可根据关键词过滤  支持分页 | | | | | |
| App路径（接口） | /mewme/address-estate-building/list | | | | | |
| Web路径（页面） | /mewme/address-estate-building/table  /mewme/address-estate-building/list  /mewme/address-estate-building/select | | | | | |
| 请求方法 | GET | | | | | |
| 登录态 | 无 | | | | | |
| 输入参数 | 名称 | 类型 | 说明 | | 空 | |
| area\_id | Integer | 总区ID | | YES | 不能同时为空  key优先  最小单位优先 |
| district\_id | Integer | 大区ID，逗号分隔 | | YES |
| subdistrict\_id | Integer | 小区ID，逗号分隔 | | YES |
| street\_id | Integer | 街道ID | 街道号搜索 | YES |
| street\_number\_id | Integer | 街道号ID | YES |
| key | String | 关键字 | | YES |
| page | Integer | 第几页 | |  | |
| count | Integer | 每页多少个 | | YES，为空一页输出 | |
|  |  |  | |  | |
| 输出DATA | 名称 | 类型 | 说明 | | | |
| 无 |  |  | | | |
|  |  |  | | | |
| 错误信息 |  | | | | | |
| 备注 |  | | | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | | | |

## 屋苑楼宇归属查询

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 屋苑楼宇归属 | | | |
| 描述 | 输出屋苑楼宇归属：总区、大区、小区、街道、街道号 | | | |
| App路径（接口） | /mewme/address-estate-building/belong | | | |
| Web路径（页面） | /mewme/address-estate-building/belong | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| estate\_building\_id | Integer | 楼宇ID |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “street\_number”:{}，  “street”:{},  “subdistrict”:{},  “district”:{},  “area”:{}  }  } | | | |

## 地段列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 地段列表 | | | |
| 描述 | 输出地段  支持分页 | | | |
| App路径（接口） | /mewme/address-lot/list | | | |
| Web路径（页面） | /mewme/address-lot/table  /mewme/address-lot/list  /mewme/address-lot/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| key | string | 关键字 |  |
| page | Integer | 第几页 |  |
| count | Integer | 每页个数 | YES，为空一页输出 |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

## 期座列表（屋苑/楼宇）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 期列表 | | | |
| 描述 | 根据屋苑楼宇输出所有期 | | | |
| App路径（接口） | /mewme/address-phase-block/list | | | |
| Web路径（页面） | /mewme/address-phase-block/table  /mewme/address-phase-block/list  /mewme/address-phase-block/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| estate\_building\_id | Integer | 屋苑楼宇ID |  |
|  |  |  |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

## 层列表（屋苑/楼宇[期/座]）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 层列表 | | | |
| 描述 | 根据屋苑楼宇\期\座输出所有层 | | | |
| App路径（接口） | /mewme/address-floor/list | | | |
| Web路径（页面） | /mewme/address-floor/table  /mewme/address-floor/list  /mewme/address-floor/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| estate\_building\_id | Integer | 屋苑楼宇ID |  |
| phase\_block\_id | Integer | 期座ID | YES |
| begin | Integer | 层开始 | YES 从最低输出（0） |
| end | Integer | 层结束 | YES 输出到最高 |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

## 单元列表（屋苑/楼宇[期座]层）

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口名称 | 层列表 | | | |
| 描述 | 根据屋苑楼宇\期\座\层输出所有层 | | | |
| App路径（接口） | /mewme/address-unit/list | | | |
| Web路径（页面） | /mewme/address-unit/table  /mewme/address-unit/list  /mewme/address-unit/select | | | |
| 请求方法 | GET | | | |
| 登录态 | 无 | | | |
| 输入参数 | 名称 | 类型 | 说明 | 空 |
| estate\_building\_id | Integer | 屋苑楼宇ID |  |
| phase\_block\_id | Integer | 期ID | YES |
| floor\_id | Integer | 层ID |  |
|  |  |  |  |
| 输出DATA | 名称 | 类型 | 说明 | |
| 无 |  |  | |
|  |  |  | |
| 错误信息 |  | | | |
| 备注 |  | | | |
| 返回数据示例 | {  “code”: 0  “desc”: “\*\*\*”  “time”: 123456  “data”: {  “list”:[]  }  } | | | |

# 附录

## 接口说明

1. 全部接口基于标准Http/Https协议实现
2. 动态接口标准返回

{

“code”: 0,

“desc”: ”succ”

“time”: 123456789

“data”: {}/null

}

code: 结果码

0：成功，

负数：-1未登录，-2没有权限，-3调用方法错误，

正数：逻辑错误

data: JsonObject/null 视具体接口而定

1. 静态接口返回格式一律是JsonObject，内容为动态接口的data部分
2. 所有数据进行传输时要进行url编码，接收方收到数据后进行url解码。如果是加密后的二进制数据，要先进行base64编码，再进行url编码