# 接口说明

接口使用WebPost，数据格式用json，json字符串整体进行加密。

请求消息已Req结尾，消息格式：

**{**

**"msgCode"**: ""**，**

**"token"**: ""**，**

**"ts"**: "时间戳"**，**

**"……"**: "其他业务字段"

**}**

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| msgCode | String | 接口标识（必须） |  |
| token | String | 用户登录后的会话标识 |  |
| ts | Long | 时间戳 | 时间戳与服务器时间不得差10分钟。10分钟内相同token相同ts不重复处理。  用东8区时间，防止手机在其它时区使用派助理时，接口校验出错。 |
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响应消息已Res结尾，消息格式：

**{**

**"retCode"**: ""**，**

**"retMsg"**: ""**，**

**"……"**: "其他业务字段"

**}**

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。  1 .. 799 ：各业务模块自定义编码  800以上为系统定义通用code，参见通用retCode定义。 |
| retMsg | String | 返回描述 |  |
|  |  |  |  |

通用retCode定义

|  |  |  |
| --- | --- | --- |
| RetCode | 描述 | 说明 |
| 0 | 成功 |  |
| 999 | 系统异常 |  |
| 990 | token失效 |  |
| 901 | 用户不允许登陆 |  |
| 800 | 消息已过期 | ts校验失败 |
| 801 | 消息重复 |  |
| 802 | 不识别的msgCod |  |
| 803 | 缺少参数msgcode |  |
| 804 | 接口版本过低 |  |
| 805 | 需要token |  |
| 806 | 参数不符合json格式 |  |

## url：192.168.2.28:8080/wp/json/material

**获取路线列表接口（roadList）**

说明：用于获取路线接口

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 值 | 类型 | 说明 |
| msgCode | roadList | string |  |
| token |  | string |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |
| road | Json array | 路线列表接口 | [  {  "id": 3,  "isNewRecord": false,  "name": "111",  "remark": "1111"  }  ] |

**获取某路线所有坐标点接口（CoordinatesPerRoad）**

说明：获取某路线所有坐标点

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 值 | | | 类型 | | 说明 | |
| msgCode | CoordinatesPerRoad | | | string | |  | |
| roadId |  | | | Int | | 路线id | |
| token | |  | string | |  | |
|  |  | | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |
| list | Json array | 路线坐标点列表接口 | [  {  "id": 6,  "isNewRecord": false,  "latitude": "1",  "longitude": "1",  "materialTypeCode": "001",  "name": "HH0",  "picturePath": "",  "road": "1"  }] |

**坐标保存与更新接口（Coordinate）**

说明：获取某路线所有坐标点

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 字段 | 值 | | | 类型 | | 说明 | |
| msgCode | CoordinatesPerRoad | | | string | |  | |
| materialDetail | {  "id": 7,  "isNewRecord": false,  "latitude": "112222",  "longitude": "11", "materialTypeCode": "001",  "road": "11"  } | | | Int | | 坐标对象 | |
| token | |  | string | |  | |
|  |  | | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |
| materialDetail | {} | 保存或更新后的对象 | {  "createDate": "2018-08-13 10:46:48",  "id": 15,  "isNewRecord": false,  "latitude": "11",  "longitude": "11333333333",  "materialTypeCode": "001",  "name": "H15",  "picturePath": "",  "road": "11",  "updateDate": "2018-08-13 10:46:48"  } |

**坐标删除接口（CoordinatesDelete）**

说明：获取某路线所有坐标点

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 值 | | 类型 | | 说明 | |
| msgCode | CoordinatesDelete | | string | |  | |
| id |  | | Int | | 坐标对象id | |
| token |  | string | |  | |
|  |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |

**坐标详情接口（CoordinatesDetail）**

说明：获取坐标详情

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 值 | | 类型 | | 说明 | |
| msgCode | CoordinatesDetail | | string | |  | |
| id |  | | Int | | 坐标对象id | |
| token |  | string | |  | |
|  |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |
| materialDetail | {} | 对象 | {  "id": 15,  "isNewRecord": false,  "latitude": "11",  "longitude": "11333333333",  "materialTypeCode": "001",  "name": "H15",  "picturePath": "",  "road": "11",  } |

**坐标详情接口（CoordinatesDetail）**

说明：获取坐标详情

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 字段 | 值 | | 类型 | | 说明 | |
| msgCode | CoordinatesDetail | | string | |  | |
| id |  | | Int | | 坐标对象id | |
| token |  | string | |  | |
|  |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |
| materialDetail | {} | 对象 | {  "id": 15,  "isNewRecord": false,  "latitude": "11",  "longitude": "11333333333",  "materialTypeCode": "001",  "name": "H15",  "picturePath": "",  "road": "11",  } |
|  |  |  |  |
|  |  |  |  |

**登录接口（CoordinatesDetail）**

说明：获取坐标详情

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 值 | 类型 | 说明 |
| msgCode | Login | string |  |
| name |  | String | 用户名 |
| password |  | string | 密码 |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| retMsg | String | 返回描述 |  |

**路线新增接口（roadAdd）**

说明：新增路线

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 值 | 类型 | 说明 |
| msgCode | roadAdd | string |  |
| materialRoad | {name:'name1',remark:'beizhu1'} |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 |  | 描述 | 说明 |
| retCode | Int | 返回编码 | 0：成功。 |
| materialRoad | {  "id": 4,  "isNewRecord": false,  "name": "name1",  "remark": "beizhu1"  } | 返回的对象 |  |