智能交通服务器技术手册



**智慧校园API技术手册**

1. **通讯端口设置**

APP 应用程序通过服务器 8080 端口获取数据。

1. **接口详细描述**

**2.1 用户端口**

**2.1.1** **注册用户**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 功能说明 |  | 用户注册 | |  |  |  |  |  |  |  |
|  |  |  |  | |  | | |  |  |  |
| 调用路径 |  | http://ip:port/student/sign | | | | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| HTTP 请求方式 |  | GET | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 入参 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 参数名 |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  | |  |  |  |  |
| studentnumber |  | Int |  |  | 用户学号 | |  |  | ■ |  |
|  |  |  |  |  |  | | |  |  |  |
| pass |  | string |  |  | 用户密码 | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 返回 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
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| 参数名 |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  | |  |  |  |  |
| code |  | varchar |  |  | 成功 1，失败 0 | |  |  | ■ |  |
|  |  |  |  |  |  | |  |  |  |  |
| message |  | varchar |  |  | 错误信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 字段名 |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 样例 |  |  |  |  |
|  |  |  | | | | | |  |  |  |
| 参数 JSON |  | http://localhost:8080/student/sign?studentnumber=1254787878&pass=”” | | | | | |  |  |  |
|  |  |  | | | | |  |  |  |  |
|  |  | {"code":1,"message":"成功","error":"","data":"","token":"1254787878"} | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 返回 JSON |  |  |  |  |  |  |  |  |  |  |
|  |  |  | | | | |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

**2.1.2** **用户登陆**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 功能说明 | 查询小车账户余额 | | |  |  |  |  |
|  |  |  |  | | |  |  |
| 调用路径 | http://ip:port/student/login | | | | | | |
|  |  |  |  |  |  |  |  |
| HTTP 请求方式 | Get |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 入参 |  | ■单表 | | □多表 | ■单值 | □多值 | |
|  |  |  |  |  |  |  |  |
| 参数名 | 类型 | 长度 |  |  | 描述 |  | 必须 |
|  |  |  |  | |  |  |  |
| studentnumber | Int |  | 学号 | |  |  | ■ |
|  |  |  |  |  |  |  |  |
| pass | Strng |  | 密码 |  |  |  | ■ |
|  |  |  |  |  |  |  |  |
| 返回 |  | ■单表 | | □多表 | ■单值 | □多值 | |
|  |  |  | |  |  |  |  |
| 参数名 | 类型 | 长度 |  |  | 描述 |  | 必须 |
|  |  |  |  | |  |  |  |
| code | Int |  | 成功 1，失败 0 | |  |  | ■ |
|  |  |  |  | |  |  |  |
| error | varchar |  | 错误信息 | |  |  | ■ |
|  |  |  |  | |  |  |  |
| token | string |  | 用户的 token | |  |  | ■ |
|  |  |  |  |  |  |  |  |
| 字段名 | 类型 | 长度 |  |  | 描述 |  | 必须 |
|  |  |  |  | |  |  |  |
|  |  |  | 样例 | |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  | 第 1 页 | 共 8 页 |  |  |  |

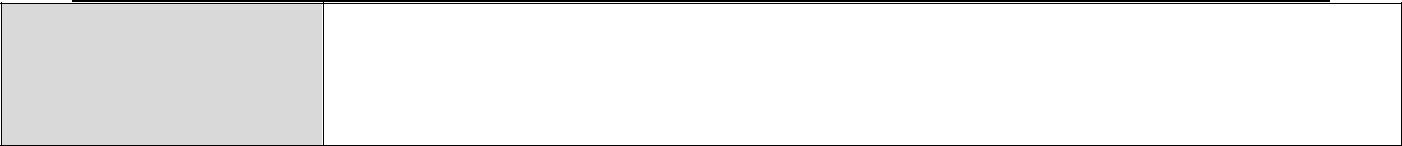
智能交通服务器技术手册

|  |  |  |
| --- | --- | --- |
| 参数 JSON | http://localhost:8080/student/login?studentnumber=1601373318&pass=“123456” |  |
|  |  |  |
|  | {"code":0,"message":"登陆失败","error":"密码错误","data":"","token":""} |  |
|  |  |  |
| 返回 JSON |  |  |
|  | {"code":1,"message":"登陆成功","error":"","data":"","token":"1533468423190123456789"} |  |
|  |  |
|  |  |  |

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|  | **2.1.3** | **查询用户信息** | | | | | |  |  |  |  |  |  |  |  |
|  |  | |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | 功能说明 | |  |  | | 小车账户充值 | |  |  |  |  |  |  |  |  |
|  |  | |  |  | |  |  | |  | | |  |  |  |  |
|  | 调用路径 | |  |  | | http://localhost:8080/student/findstudent?token=15334686407871111111111 | | | | | | | |  |  |
|  |  | |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 | |  |  | | GET | |  |  |  |  |  |  |  |  |
|  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  | |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |  |
|  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  |  | | 类型 |  | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  |  |  |
|  | token |  |  |  | | int |  |  | 用户的token | |  |  |  | ■ |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  | ■ |  |
|  |  | |  |  | |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  | |  |  |  |  |  |  |  |  | ■ |  |
|  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | 返回 |  |  |  | |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |  |
|  |  |  |  |  | |  | |  | |  |  |  |  |  |  |
|  | 参数名 |  |  |  | | 类型 |  | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  |  |  |
|  | data |  |  |  | | Object |  |  | {"studentid":null,"studentnumber":1111111111,"pass":"","token":"15334686407871111111111","sex":null,"name":null,"department":null,"shoolid":null,"iconurl":null,"integral":0,"cont":null},"token":"15334686407871111111111"} | |  |  |  | ■ |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  |  |  |
|  | 其余成功参数 |  |  |  | | varchar |  |  | 略 | |  |  |  | ■ |  |
|  |  |  |  |  | |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  | |  |  |  | 样例 | |  |  |  |  |  |
|  |  | |  |  | |  | | | | | |  |  |  |  |
|  | 参数 JSON | |  |  | | http://localhost:8080/student/findstudent?token=15334686407871111111111 | | | | | |  |  |  |  |
|  |  |  |  |  | |  | | | | |  |  |  |  |  |
|  |  |  |  |  | | {"code":1,"message":"成功","error":"","data":{"studentid":null,"studentnumber":1111111111,"pass":"\"\"","token":"15334686407871111111111","sex":null,"name":null,"department":null,"shoolid":null,"iconurl":null,"integral":0,"cont":null},"token":"15334686407871111111111"} | | | | |  |  |  |  |  |
|  |  | |  |  | |  |  |  |  |  |  |  |  |  |  |
|  | 返回 JSON | |  |  | |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | |  | | | | |  |  |  |  |  |
|  |  |  |  |  | |  |  |  |  |  |
|  |  | | |  | | |  |  |  |  |  |  |  |  |  |
|  | **2.2 查询所在学校** | | | | | | |  |  |  |  |  |  |  |  |
|  | **2.2.1** | **根据token查询用户所在学校（一般管理员权限）** | | | | | | | | |  |  |  |  |  |
|  |  | |  |  |  | | | | |  |  |  |  |  |  |
|  | 功能说明 | |  |  | 根据token查询用户所在学校 | | | | |  |  |  |  |  |  |
|  | 调用路径 | |  |  | http://localhost:8080/student/findstudentshool?token=15334686407871111111111 | | | | | | | | |  |  |
|  |  | |  |  |  | | |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 | |  |  | GET | | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | |  |  | |  |  |  | |  |  |
|  | 入参 |  |  |  |  | |  | ■单表 | | □多表 | ■单值 | □多值 | |  |  |
|  |  |  |  |  |  | | |  | |  |  |  |  |  |  |
|  | 参数名 |  |  |  | 类型 | |  | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  | |  |  |  | |  |  |  | |  |  |  |  |  |
|  | token | |  |  | varchar | |  |  | 用户token | |  |  |  | ■ |  |
|  |  |  |  |  |  | |  |  |  | | | |  |  |  |
|  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |
|  | 返回 |  |  |  |  | |  | ■单表 | | □多表 | ■单值 | □多值 | |  |  |
|  |  |  |  |  |  | | |  | |  |  |  |  |  |  |
|  | 参数名 |  |  |  | 类型 | |  | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  | |  |  |  | |  |  |  |  |  |
|  | shool |  |  |  | 对象 | |  |  | 成功 S，失败 F | |  |  |  | ■ |  |
|  |  |  |  |  |  | |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  | |  |  |  | |  |  |  | ■ |  |
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|  |  |  |  |  |  | |  |  | 样例 | |  |  |  |  |  |
|  |  | |  |  |  | | | | | | | | |  |  |
|  | 参数 JSON | |  |  | token=15334686407871111111111 | | | | | | | | |  |  |
|  |  |  |  |  |  | | | | | |  |  |  |  |  |
|  | 返回 JSON | |  |  | {"code":1,"message":"成功","error":"","data":{"shoolid":1,"shoolname":"晋城职业技术学院","province":"山西省","city":"晋城市","district":"城区","type":"大专"},"token":"15334686407871111111111"} | | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | |  |  | 第 2 页 | 共 8 页 |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  | 智能交通服务器技术手册 | | |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  | {"code":0,"message":"失败","error":"找不到这个学生","data":null,"token":"112233"} | | | |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |
| **2.2.2** | | | **发布论坛信息（一般管理员权限）** | | | | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 功能说明 | |  |  |  |  | 查询红绿灯当前状态 | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  | | | |  |  |  |
| 调用路径 | | |  |  |  | http://ip:port/bbs/insert | | | | | | |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HTTP 请求方式 | | |  |  |  | POST | |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 | |  |  |  | ■单表 | | □多表 |  | ■单值 | □多值 |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 | |  |  |  | 类型 | | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  | | |  |  |  |  |  |  | |  |  |  |  |  |
|  | file+（1|2|3|4|5） | | | | | Imgfile | |  | .jpg/.png | |  |  |  | ■ |  |
|  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | token | | | |  | varchar |  | 账号 |  |  |  |  | ■ |  |
|  |  | title | | | |  | string |  | 标题 |  |  |  |  |  |  |
|  |  | cont | | | |  | string |  | 内容 |  |  |  |  |  |  |
|  |  | type | | | |  |  |  | 类型 |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 返回 | |  |  |  | ■单表 | | □多表 |  | ■单值 | □多值 |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 | |  |  |  | 类型 | | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  | 不多解释 |  |  |  |  | |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
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|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 字段名 | |  |  |  | 类型 | | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 样例 | |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  | | |  |  |  |  |
|  |  | 参数 JSON | |  |  |  | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | | | |  |  |  |
|  |  |  |  |  |  |  | | | | | | |  |  |  |
|  |  | 返回 JSON | |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | {"code":1,"message":"成功","error":"","data":"","token":"1533520985353123456789"} | | | | |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |
| **2.2.3** | | | **查询论坛所有信息（一般管理员权限）** | | | | | | | |  |  |  |  |  |
|  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |
|  |  | 功能说明 | |  |  |  | **查询论坛所有信息** | | |  |  |  |  |  |  |
|  |  | 调用路径 | | | |  | http://localhost:8080/bbs/findallbbs?token=1533520985353123456789 | | | | | |  |  |  |
|  |  |  | | | |  |  |  |  |  |  |  |  |  |  |
|  |  | HTTP 请求方式 | | | |  | Get |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 入参 |  |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 参数名 |  |  |  |  | 类型 | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  | | |  | |  |  |  |  | |  |  |  |  |  |
|  | token | | | | |  | string |  | token | |  |  |  | ■ |  |
|  |  |  | | | |  |  |  |  | |  |  |  |  |  |
|  |  |  | | | |  | int |  |  | |  |  |  | ■ |  |
|  |  |  | | | |  |  |  |  | |  |  |  |  |  |
|  |  |  | | | |  | int |  |  | |  |  |  | ■ |  |
|  |  |  | | | |  |  |  |  | | |  |  |  |  |
|  |  |  | | | |  | int |  |  | | |  |  | ■ |  |
|  |  |  | | | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | | | |  | varchar |  |  |  |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 返回 |  |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 参数名 |  |  |  |  | 类型 | 长度 |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  | RUSULT |  |  |  |  | varchar |  |  | |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  | ERRMSG |  |  |  |  | varchar |  | 错误信息 | |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 样例 | |  |  |  |  |  |
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|  |  |  | | | |  |  | | | | |  |  |  |  |
|  |  | 参数 JSON | |  |  |  |  | | | | |  |  |  |  |
|  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 第 3 页 | 共 8 页 |  |  |  |  |  |

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返回 JSON {"code":1,"message":"成功","error":"","data":[{"title":"哈哈","cont":"内容","images":["http://localhost:8080/img/1533551037993.jpg"],"likenumber":0,"id":29,"commtnumber":0},{"title":"哈哈","cont":"内容","images":[],"likenumber":0,"id":30,"commtnumber":0},{"title":"哈哈","cont":"内容","images":["http://localhost:8080/img/1533557498606.jpg","http://localhost:8080/img/1533557498606.jpg","http://localhost:8080/img/1533557498606.jpg","http://localhost:8080/img/1533557498606.jpg","http://localhost:8080/img/1533557498606.jpg"],"likenumber":0,"id":31,"commtnumber":0}],"token":"1533520985353123456789"}

**2.2.4** **评论一条说说（一般管理员权限）**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 功能说明 |  |  | 评论一条说说 | | |  |  |  |  |  |
|  | 调用路径 |  |  | http://localhost:8080/bbs/adncomment?token=1533520985353123456789&cont=woshi&bbsid=30 | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | Get |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | toekn |  |  | varchar |  | Token | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | cont |  |  | varchar |  | 内容 |  |  |  | ■ |  |
|  | bbsid |  |  | Int |  | 说说id |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 返回 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  | |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  | 样例 | |  |  |  |  |
|  |  |  |  |  |  | | |  |  |  |  |
|  | 参数 JSON |  |  |  | | | |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |  |
|  | 返回 JSON |  |  | {"code":1,"message":"成功","error":"","data":"","token":"1533520985353123456789"} | | | | |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

**2.3 获取一条说说的所有评论**

**2.3.1** **评论一条说说（一般管理员权限）**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 功能说明 |  |  | 设置自动/手工控制模式 | | | | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |  |
|  | 调用路径 |  |  | http://localhost:8080/bbs/getallcommentbybbsid?bbsid=40 | | | | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | Get |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  | bbsid |  |  |  |  |  |  |  | |  |  |  | ■ |  |
|  |  |  |  |  |  | 说说id | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  | |  |  |  |  | |  |
|  | 返回 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | | |  |
|  |  |  |  |  |  |  | | |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 样例 | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 第 4 页 | | 共 8 页 |  |  |  |  |  |

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|  |  |
| --- | --- |
| 参数 JSON |  |
|  |  |
|  | {"code":1,"message":"成功","error":"","data":[{"id":4,"cont":"woshi","bbsid":40,"userid":20,"time":"2018年08月06日 20:36:07"}],"token":""} |
|  |  |
| 返回 JSON |  |
|  |  |

**2.3.2** **手动打开/关闭定路灯（一般管理员权限）**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 功能说明 |  |  | 手动打开/关闭定路灯 | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |
|  | 调用路径 |  |  | http://ip:port/transportservice/action/SetRoadLightStatusAction.do | | | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | POST |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | | |  |  |  |
|  | RoadLightId |  |  | Int |  |  |  | 路灯总共 3 路,其值为 1,2,3。1 代表第 1 路，2 代表第 | | | |  |  |
|  |  |  |  |  |  | 2 路, 3 代表第 3 路 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | |  |  |  |
|  | Action |  |  | varchar |  |  |  | 操作状态 | Close:关闭，Open：打开 | |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | UserName |  |  | varchar |  |  |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  | 返回 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  | | |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |
|  | RUSULT |  |  | varchar |  |  |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ERRMSG |  |  | varchar |  |  |  | 错误信息 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  |  |  | 样例 | |  |  |  |  |
|  |  |  |  |  | | | | | | |  |  |  |
|  | 参数 JSON |  |  | {"RoadLightId":1,"Action":"Close", "UserName":"Z0004"} | | | | | | |  |  |  |
|  |  |  |  |  | | | | | |  |  |  |  |
|  |  |  |  | {"RESULT":"S","ERRMSG":"成功"} | | | | | |  |  |  |  |
|  |  |  |  |  | | | | | |  |  |  |  |
|  | 返回 JSON |  |  | {"RESULT":"F","ERRMSG":"失败"} | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**2.3.3** **查询当前路灯状态（一般管理员权限）**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 功能说明 |  |  | 查询当前路灯状态 | | | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |  |
|  | 调用路径 |  |  | http://ip:port/transportservice/action/GetRoadLightStatus.do | | | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | POST |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | | |  |  |  |
|  | RoadLightId |  |  | Int |  |  |  | 路灯总共 3 路,其值为 1,2,3，1 代表第 1 路，2 代表第 | | | |  |  |
|  |  |  |  |  |  | 2 路, 3 代表第 3 路 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | UserName |  |  | varchar |  |  |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  | 返回 |  |  |  |  | ■单表 | | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  | | |  |  |  |  |  |
|  | 参数名 |  |  | 类型 |  | 长度 |  |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |
|  | RUSULT |  |  | varchar |  |  |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |
|  | ERRMSG |  |  | varchar |  |  |  | 错误信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  | | |  |  |  |
|  | Status |  |  | varchar |  |  |  | Close:关闭，Open：打开 | | |  | ■ |  |
|  |  |  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  |  |  | 样例 | |  |  |  |  |
|  |  |  |  |  | | | | | |  |  |  |  |
|  | 参数 JSON |  |  | {"RoadLightId":1, "UserName":"Z0004"} | | | | | |  |  |  |  |
|  |  |  |  |  | | | | | | |  |  |  |
|  | 返回 JSON |  |  | {"RESULT":"S","ERRMSG":"成功","Status":"Close"} | | | | | | |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 第 5 页 | | 共 8 页 |  |  |  |  |

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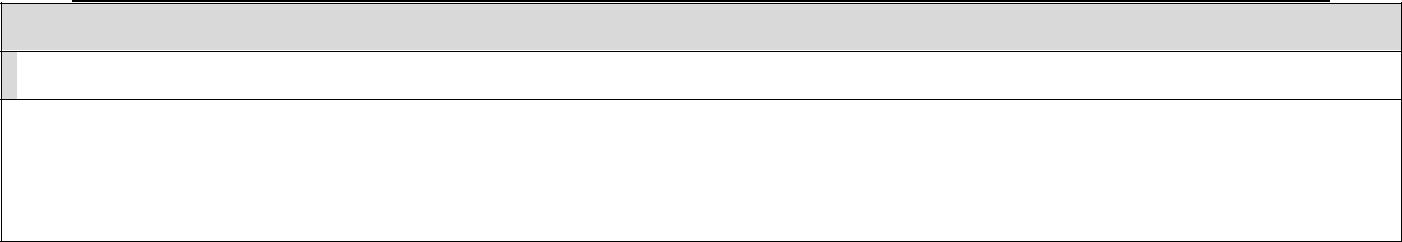
{"RESULT":"F","ERRMSG":"失败"}

**2.4 环境子系统**

**2.4.1** **查询“所有传感器”的当前值**

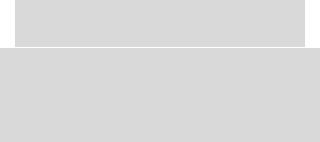
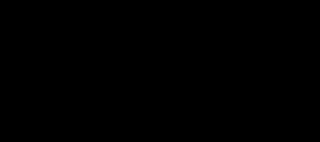
|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 功能说明 |  |  | 查询“所有传感器”的当前值 | | |  |  |  |  |  |
|  |  |  |  |  |  |  | | |  |  |  |
|  | 调用路径 |  |  | http://ip:port/transportservice/action/GetAllSense.do | | | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | POST |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 入参 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | UserName |  |  | varchar |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 返回 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | RUSULT |  |  | varchar |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | ERRMSG |  |  | varchar |  | 错误信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | pm2.5 |  |  | int |  | pm2.5 |  |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | co2 |  |  | int |  | 二氧化碳 | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | LightIntensity |  |  | int |  | 光照强度 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | humidity |  |  | int |  | 湿度 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | temperature |  |  | int |  | 温度 |  |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  | 样例 | |  |  |  |  |
|  |  |  |  |  | | |  |  |  |  |  |
|  | 参数 JSON |  |  | {"UserName":"Z0004"} | | |  |  |  |  |  |
|  |  |  |  |  | | | | | | |  |
|  |  |  |  | {"RESULT":"S","ERRMSG":"成功","pm2.5":8,"co2":5919,"LightIntensity":1711, | | | | | | |  |
|  |  |  |  | "humidity":44,"temperature":28} | | | |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |  |
|  | 返回 JSON |  |  | {"RESULT":"F","ERRMSG":"失败"} | | | |  |  |  |  |
|  |  |  |  | |  |  |  |  |  |  |  |
|  | **2.4.2 查询单个传感器** | | | |  |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |  |  |  |
|  | 功能说明 |  |  | 查询单个传感器 | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | | | | |  |  |  |
|  |  |  |  |  | | | | |  |  |  |
|  | 调用路径 |  |  | http://ip:port/transportservice/action/GetSenseByName.do | | | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | HTTP 请求方式 |  |  | POST |  |  |  |  |  |  |  |
|  |  |  |  |  |  | |  |  |  | |  |
|  | 入参 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  | |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  |  | |  |  |  |
|  |  |  |  |  |  | 温度 | {"temperature"} | |  |  |  |
|  |  |  |  |  |  | 湿度 | {"humidity"} |  |  |  |  |
|  | SenseName |  |  | varchar |  | 二氧化碳 {"co2"} | |  |  | ■ |  |
|  |  |  |  |  |  | 光照强度 {"LightIntensity"} | | |  |  |  |
|  |  |  |  |  |  | Pm2.5 | {"pm2.5"} |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | UserName |  |  | varchar |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | 返回 |  |  |  | ■单表 | | □多表 | ■单值 | □多值 | |  |
|  |  |  |  |  |  | |  |  |  |  |  |
|  | 参数名 |  |  | 类型 | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | RUSULT |  |  | varchar |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | ERRMSG |  |  | varchar |  | 错误信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  | XXX |  |  | varchar |  | 请求的参数信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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智能交通服务器技术手册



样例

参数 JSON  {"SenseName":"temperature", "UserName":"Z0004"}



{"RESULT":"S","ERRMSG":"设置成功","xxx":"19"}

|  |  |
| --- | --- |
| 返回 JSON | {"RESULT":"F","ERRMSG":"失败"} |
|  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2.5 公交车子系统** | | | | |  |  |  |  |  |  |  |
| **2.5.1** | **车载容量查询** | | | |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| 功能说明 | |  | 车载容量查询 | |  |  |  |  |  |  |  |
|  | |  |  |  | |  | | |  |  |  |
| 调用路径 | |  | http://ip:port/transportservice/action/GetBusCapacity.do | | | | | |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| HTTP 请求方式 | |  | POST | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 入参 |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 参数名 |  |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| BusId |  |  | int |  |  | 1-15(道路编号) | |  |  | ■ |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| UserName | |  | varchar |  |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 返回 |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 参数名 |  |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| RUSULT |  |  | varchar |  |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| ERRMSG |  |  | varchar |  |  | 错误信息 | |  |  | ■ |  |
|  | |  |  |  |  |  | |  |  |  |  |
| BusCapacity" | |  | int |  |  | 乘客人数 | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  | 样例 | |  |  |  |  |
|  | |  |  |  | | | |  |  |  |  |
| 参数 JSON | |  | {"BusId":1,"UserName":"Z0004"} | | | | |  |  |  |  |
|  |  |  |  |  | | | | |  |  |  |
|  |  |  | {"RESULT":"S","ERRMSG":"成功","BusCapacity":20} | | | | | |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| 返回 JSON | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | {"RESULT":"F","ERRMSG":"失败"} | | | | |  |  |  |  |
|  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| **2.6 道路子系统** | |  |  |  |  |  |  |  |  |  |  |
| **2.6.1** | **查询道路状态** | | | |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| 功能说明 | |  | 查询道路状态 | |  |  |  |  |  |  |  |
|  | |  |  |  | | | | |  |  |  |
| 调用路径 | |  | http://ip:port/transportservice/action/GetRoadStatus.do | | | | | |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| HTTP 请求方式 | |  | POST | |  |  |  |  |  |  |  |
|  |  |  |  |  |  | |  |  |  |  |  |
| 入参 |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |
|  |  |  |  |  |  | |  |  |  |  |  |
| 参数名 |  |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| RoadId |  |  | int |  |  | 1-12(道路编号) | |  |  | ■ |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| UserName | |  | varchar |  |  | 账号 |  |  |  | ■ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 返回 |  |  |  |  | ■单表 | | □多表 | ■单值 | □多值 |  |  |
|  |  |  |  | |  | |  |  |  |  |  |
| 参数名 |  |  | 类型 |  | 长度 |  |  | 描述 |  | 必须 |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| RUSULT |  |  | varchar |  |  | 成功 S，失败 F | |  |  | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| ERRMSG |  |  | varchar |  |  | 错误信息 | |  |  | ■ |  |
|  |  |  |  |  |  |  | | | |  |  |
| Status |  |  | int |  |  | 表示道路状态，拥挤状态（1，2，3，4，5） | | | | ■ |  |
|  |  |  |  |  |  |  | |  |  |  |  |
|  |  |  |  |  |  | 样例 | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |
| --- | --- | --- |
| 参数 JSON | {"RoadId":1,"UserName":"Z0004"} |  |
|  |  |  |
|  | {"RESULT":"S","ERRMSG":"成功","Status":1} |  |
|  |  |  |
| 返回 JSON |  |  |
|  | {"RESULT":"F","ERRMSG":"失败"} |  |
|  |  |
|  |  |  |

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