# 益迈智能API接口文档

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## 1、获取短信验证码

**简要描述：**

* 获取短信验证码

**请求URL：**

* /code/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| phone | 是 | String | 用户手机号 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "msgCode": ""  }  **在1分钟内连续请求的或者被禁言的返回结果**  **{**  **"msg": "请勿频繁操作",**  **"code": "2",**  **"data": ""**  **}**  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  {  "msg": "短信发送失败",  "code": "1",  "data": ""  } |

**返回参数说明**

| **参数名** | | **类型** | **说明** |
| --- | --- | --- | --- |
| msgCode |  | String | 手机验证码 |

**备注**

## 2、车辆列表

**简要描述：**

* 根据用户获取车辆列表

**请求URL：**

* /carsList/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |

**返回示例**

|  |
| --- |
| 成功：  {  "msg": "请求成功",  "code": "0",  "data": [{  "id": "68185e38b7f5451186db5f73290a1630", "imeiId": "12345",  "rollatorName": "益迈003",  "electricity": "10",  "eqDefault": "0",  "undisturbed": "1",  "eqStatus": "1",  "radius": "1",  "eqOutRadius": "1",  "rolLongitude": "117.703234",  "rolLatitude ": "39.036063"  }, {  "id": "f1cf252d720c493f9ceae3b6ef6ac5e5",  "imeiId": "123",  "rollatorName": "益迈002",  "electricity": "99",  "eqDefault": "1",  "undisturbed": "0",  "eqStatus": "1",  "radius": "5",  "eqOutRadius": "0",  "rolLongitude": "117.703234",  "rolLatitude": "39.036063"  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |
|  |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| id | String | 车辆的唯一标识 |
| rollatorName | String | 车辆名称 |
| eqStatus | String | 是否显示电量 |
| eqDefault | String | 是否默认车辆(0：默认，1：非默认) |
| latitude | long | 车辆中心点纬度 lat |
| longitude | long | 车辆中心点经度 lon |
| radius | String | 中心点半径 |
| imeiId | String | 设备号 |
| electricity | String | 电量或百分比 |
| undisturbed | String | 勿扰模式(0是关 1是开) |

**备注**

## 3、获取消息列表

**简要描述：**

* 根据当前登录人获得消息列表

**请求URL：**

* /messageList/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "id": "21231",  "createDate": "2018-07-11 13:07:21",  "openId": "f1ea315f90164b28b2f66eafee2760bb",  "content": "hjffkf第三方鉴定书咖啡店",  "title": "哈哈1,驶出围栏报警信息",  "msgtype": "0",  "isRead": "0",  "time": "1531285641000"  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| content | string | 消息内容 |
| isRead | string | 消息读取状态 0 未读 1已读 |
| msgtype | string | 消息类型(0:后台推送;1:超出围栏;2:SOS;) |

**备注**

## 4、获取消息详情

**简要描述：**

* 根据消息msgid获取具体消息

**请求URL：**

* /messageDetail/

**请求方式：**

* Post

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| Id | 是 | String | 消息列表返回的id |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "id": "5263",  "createDate": "2018-07-11 13:58:51",  "openId": "11123123",  "content": "大幅度交付快递费",  "title": "哈哈1,驶出围栏报警信息",  "msgtype": "0",  "isRead": "0"，  "time": "1531285641000"  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| content | string | 消息内容 |

**备注**

## 5、增改车辆信息

**简要描述：**

* 修改或新增车辆信息

**请求URL：**

* /carUpdate/

**请求方式：**

* post

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| name | 否 | String | 车辆名称 |
| eqStatus | 是 | String | 是否显示电量(0：显示，1：不显示) |
| eqDefault | 是 | String | 是否默认车辆(0：默认，1：非默认) |
| latitude | 是 | double | 车辆中心点纬度 lat |
| longitude | 是 | double | 车辆中心点经度 lon |
| radius | 是 | String | 中心点半径（单位Km） |
| imeiId | 是 | String | 设备号 |
| undisturbed | 是 | String | 勿扰模式(0是关 1是开) |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "result",  "code": "0",  "data": [{  "id": "68185e38b7f5451186db5f73290a1630", "imeiId": "12345",  "rollatorName": "ym001",  "electricity": "10",  "eqDefault": "0",  "undisturbed": "0",  "eqStatus": "0",  "radius": "10",  "eqOutRadius": "1",  "rolLongitude": 22.5461,  "rolLatitude": 113.111  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  {  "msg": "请求失败，设备id为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，车辆名称为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，勿扰模式为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，护行半径为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，是否显示电量为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，是否默认车辆为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，纬度为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，经度为空",  "code": "1",  "data": ""  }  {  "msg": "请求失败，该车辆已经绑定其他用户",  "code": "1",  "data": ""  }  {  "msg": "请求失败，该用户已经没有剩余可绑定车辆额度",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| id | String | 车辆的唯一标识 |
| rollatorName | String | 车辆名称 |
| eqStatus | String | 是否显示电量 |
| eqDefault | String | 是否默认车辆(0：默认，1：非默认) |
| rolLatitude | long | 车辆中心点纬度 lat |
| rolLongitude | long | 车辆中心点经度 lon |
| radius | String | 中心点半径（单位Km） |
| imeiId | String | 设备号 |
| electricity | String | 电量或百分比 |
| undisturbed | String | 勿扰模式（0 关 1开） |

**备注**

## 6、登陆获取个人信息

**简要描述：**

* 请求登录接口获取当前用户信息

**请求URL：**

* /login/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| openId | 否 | String | 微信授权用户的唯一标识 |
| phone | 否 | String | 电话 |
| code | 否 | String | 短信验证码 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": {  "phone": "14523698752",  "list": {  "id": "dc004f64-cf5a-4ce2-a169-420a59639bd1",  "createDate": "2018-07-27 17:01:55",  "longitude": "117.697049",  "latitude": "39.037559",  "loctype": "1",  "imeiId": "356314041416999",  "gpstime": "2018-07-27 09:01:46",  "distance": "0.454300",  "locateStart": "2",  "locateInterval": "4",  "time": "1532682115000"  },  "key": "[B@7f3a5497"  }  }失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  {  "msg": "验证码有误，请重新获取",  "code": "1",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| longitude | String | 经度 |
| latitude | String | 纬度 |
| key | String | token |
| code | String | 状态值（0成功，1失败，3token超时） |

...

**备注**  **有phone或者 openID 就可以登录注册，如果这两个参数都有的情况是 给微信号绑定手机 或者是给手机号绑定微信号**

## 7、提交个人意见

**简要描述：**

* 提交个人意见

**请求URL：**

* / opinionSave /

**请求方式：**

* post

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| conmessage | 是 | String | 文本信息 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": ""  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |

...

**备注**

## 8、意见列表

**简要描述：**

* 获取意见列表

**请求URL：**

* /opinionList/

**请求方式：**

* get **参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "opinionType": "0",  "id": "d56531005ed6403898331e41a5ba5357",  "reply": [{  "id": "8526",  "createDate": "2018-07-27 08:18:10",  "content": "回复测试",  "opinionId": "d56531005ed6403898331e41a5ba5357",  "time": "1532650690000"  }, {  "id": "215",  "createDate": "2018-07-27 08:18:10",  "content": "回复测试",  "opinionId": "d56531005ed6403898331e41a5ba5357"  "time": "1532650690000"  }],  "CreateDate": "1532694336000",  "content": "玩儿"  }, {  "opinionType": "0",  "id": "279a75d8098d45fca8a0b999416a9b81",  "reply": [],  "CreateDate": "1532694139000",  "content": "234"  }, {  "opinionType": "0",  "id": "09679354a5ca452ea92daf3e39ece748",  "reply": [],  "CreateDate": "1532694136000",  "content": "784656454"  }, {  "opinionType": "0",  "id": "05fc5366e0364ea29d8b272a1325991a",  "reply": [],  "CreateDate": "1532497740000",  "content": "2311231254asdasdasd大方的说法是否看到快乐哪里看"  }, {  "opinionType": "0",  "id": "567f8a536c9f4baeaed9289b35d097d5",  "reply": [],  "CreateDate": "1532497689000",  "content": "test111111"  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| content | String | 内容 |
| opinionType | String | (0未回复 1已回复) |

**备注**

## 9、获取协议或用户须知

**简要描述：**

* 获取协议或用户须知单页

**请求URL：**

* / agreement /

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| type | 是 | string | 0 免责声明 1 用户须知 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "id": "80ad19d0f68f4bd99f4f36dc9d09a70e",  "remarks": "",  "createDate": "2018-07-10 15:37:41",  "updateDate": "2018-07-25 14:44:42",  "content": "IQUP+免责声明+IQUP的各项电子服务的所有权和运作权归宁波犀谷智能有限公司。\r\nIQUP提供的服务将完全按照其发布的章程、服务条款和操作规则严格执行。\r\n会员若完全同意所有服务条款，并完成注册程序，即可成为IQUP的正式会员。基于IQUP提供的网络服务的商业性和时效性：\r\n+⑴+会员对其发布的信息负责，应提供详尽、真实、准确的企业资料，不得发布不真实的、有歧义的信息，绝对禁止发布误导性的、恶意的消息。\r\n+⑵+随时更新注册资料，以符合及时、详尽、准确的要求。\r\n+⑶+IQUP向会员提供的会员帐号及密码只供会员使用。如果会员将帐号或密码丢失或被盗，应及时重新登记并重新",  "noteType": "0"  }]  }失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| content | String | 内容 |

## 10、获取车辆轨迹列表

**简要描述：**

* 根据imeiId及日期获得行迹列表

**请求URL：**

* /**trackDetailList**/

**请求方式：**

* post

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| imeiId | 否 | string | 设备id |
| date | 否 | Long | 选择的日期 |
| pagenum | 否 | int | 页码 |
| sizenum | 否 | int | 单页显示行数的大小 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "rollatorName": "222",  "online": 1.68,  "list": [{  "distance": 53.20,  "interval": 8.20,  "create\_date": "1532620800000"  }, {  "distance": 54.16,  "interval": 16.96,  "create\_date": "1532534400000"  }, {  "distance": 3.65,  "interval": 13.82,  "create\_date": "1532448000000"  }, {  "distance": 3.49,  "interval": 0.19,  "create\_date": "1532361600000"  }, {  "interval": 0.74,  "create\_date": "1532016000000"  }, {  "interval": 0.37,  "create\_date": "1531929600000"  }],  "imeiId": "356314041416999",  "mileage": 114.5  }, {  "rollatorName": "2212",  "online": 0.0,  "list": [],  "imeiId": "356314041416582",  "mileage": 0.0  }]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |
|  |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| distance | String | 车辆行驶距离（单位：km） |
| interval | String | 车辆行驶时间(单位：h) |
| imeiId | String | 车辆轨迹对应的设备id |
| create\_date | String | 车辆行驶的时间(今天、昨天) |

**备注** **1.行迹默认页面必须参数**page**和**size

**2.按照日期查询行迹必须参数**imeiId**和**date

**3.懒加载的时候需要多传参数**imeiId**和**page**和**size

## 11、车辆具体行迹

**简要描述：**

* 根据车辆iemiId及日期获取车辆具体行迹

**请求URL：**

* /**trackDetail**/

**请求方式：**

* post

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| imeiId | 是 | string | 设备id |
| date | 是 | Long | 选择的日期 |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [  [{  "latitude": 39.038937,  "create\_date": "1532534422823",  "longitude": 117.704042  }, {  "latitude": 39.038937,  "create\_date": "1532535865451",  "longitude": 117.704042  }, {  "latitude": 39.038937,  "create\_date": "1532536054322",  "longitude": 117.704042  }],  [{  "latitude": 39.038714,  "create\_date": "1532559932606",  "longitude": 117.704031  }, {  "latitude": 39.038689,  "create\_date": "1532563156370",  "longitude": 117.703646  }, {  "latitude": 39.038941,  "create\_date": "1532563328378",  "longitude": 117.703883  }, {  "latitude": 39.039584,  "create\_date": "1532563768658",  "longitude": 117.704136  }],  [{  "latitude": 39.035892,  "create\_date": "1532567568115",  "longitude": 117.70172  }, {  "latitude": 39.036072,  "create\_date": "1532567581002",  "longitude": 117.701136  }, {  "latitude": 39.036364,  "create\_date": "1532567745709",  "longitude": 117.700873  }, {  "latitude": 39.036495,  "create\_date": "1532567936810",  "longitude": 117.700403  }, {  "latitude": 39.036579,  "create\_date": "1532567947544",  "longitude": 117.700328  }, {  "latitude": 39.036622,  "create\_date": "1532568045108",  "longitude": 117.700219  }, {  "latitude": 39.036611,  "create\_date": "1532568109164",  "longitude": 117.700393  }, {  "latitude": 39.039165,  "create\_date": "1532599072096",  "longitude": 117.700608  }, {  "latitude": 39.053717,  "create\_date": "1532601247917",  "longitude": 117.666833  }, {  "latitude": 39.052493,  "create\_date": "1532601256701",  "longitude": 117.673914  }]  ]  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| latitude | String | 纬度 |
| longitude | String | 经度 |
| date | String | 坐标对应时间戳 |

## 12、获取支付金额

**简要描述：**

* 获取支付金额列表

**请求URL：**

* /moneyPay/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": [{  "id": "01",  "name": "金额50元"  }, {  "id": "02",  "name": "金额100元"  }, {  "id": "03",  "name": "金额200元"  }, {  "id": "04",  "name": "金额500元"  }]  }失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

**返回参数说明**

| **参数名** | **类型** | **说明** |
| --- | --- | --- |
| name | string | 金额内容 |

## 13、删除车辆信息

**简要描述：**

* 删除车辆信息

**请求URL：**

* /delRollator/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |
| id | 是 | String | 车辆id |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": ""  }  失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  {  "msg": "请求失败，车辆id为空",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |

## 14、定时获取定位坐标点信息

**简要描述：**

* 定时获取定位坐标点信息

**请求URL：**

* /defLocateInfo/

**请求方式：**

* get

**参数：**

| **参数名** | **必选** | **类型** | **说明** |
| --- | --- | --- | --- |

**返回示例**

|  |
| --- |
| 成功  {  "msg": "请求成功",  "code": "0",  "data": {  "list": {  "id": "893a22c5-9395-46c7-a63a-9cac5bf2a0c4",  "createDate": "2018-08-01 16:14:42",  "updateDate": "2018-08-01 16:14:42",  "longitude": "117.702168",  "latitude": "39.033130",  "loctype": "1",  "imeiId": "359339075216251",  "gpstime": "2018-07-30 08:40:36",  "distance": "0.000000",  "locateStart": "2",  "locateInterval": "55",  "time": "1533111282000"  }  }  }失败：  {  "msg": "请求失败",  "code": "1",  "data": ""  }  登录超时：  {  "msg": "登录超时",  "code": "3",  "data": ""  } |