# 环境说明

# 相关接口

## 主页

### 获取openId【待定】

|  |  |
| --- | --- |
| 接口 | [http://47.103.152.26/api**/toc/tocUser/getOpenId**](http://47.103.152.26/api/toc/tocUser/getOpenId) |
| 方式 | GET |
| 入参 | code：前端获取的微信授权code |
| 返回 |  |

### 验证openId用户类型

|  |  |
| --- | --- |
| 接口 | http://47.103.152.26/api/**toc/tocUser/find** |
| 方式 | GET |
| 入参 | openId：微信用户id |
| 返回 | {      "code": "0",      "msg": "查询成功",      "data": {          "userId": 8,          "userPhone": null,          "openId": "wx123456",          "userType": "1",//用户类型id（0-个人用户 1-单位用户）          "tenantId": 4      }  } |

### 用户注册

### 用户登录

### 设备绑定

用户绑定设备：

http://localhost:8082/toc/device/save

http://47.103.152.26/api/toc/device/save

openId

imei

devName

devLocation

baiduLongitude

baiduLatitude

### 首页列表

|  |  |
| --- | --- |
| 接口 | [http://47.103.152.26/api/**toc/device/list**](http://47.103.152.26/api/toc/device/list) |
| 方式 | GET |
| 入参 | openId：微信用户id。测试账号：单位用户-wx123456  baiduLongitude：  baiduLatitude： |
| 返回 | 个人用户：  {  "code": "0",  "msg": "查询成功",  "data": [{  "id": 1,  "imei": "866971031788982",  "devId": "558308978",  "devState": "0",  "isWarn": "2",  "deviceTypeId": 201,  "belongTypeId": 4,  "belongCompanyId": null,  "devName": "设备1",  "devLocation": "江苏省无锡市梁溪区人民中路122号",  "baiduLongitude": "120.309024",  "baiduLatitude": "31.58252",  "updateTime": "2019-12-08 18:50:49",  "tenantId": 4,  "delFlag": 0,  "wId": 132,  "warnType": "15",  "warnTypeName": "防拆触发",  "wDevId": 558308978,  "wValueId": 684,  "wUpdateTime": "2019-11-30 10:32:41",  "typeId": 4,  "typeName": "可燃气体",  "iconUrl": "http://47.103.152.26:9088/icon/gas",  "buyDate": null,//设备购买日期  "buyCom": null//设备购买厂家  }]  }  单位用户：  {      "code": "0",      "msg": "查询成功",      "data": [          {              "longitude": "120.309024",              "latitude": "31.58252",              "location": "江苏省无锡市梁溪区人民中路122号",              "status": "1",              "describe": "设备1 发生 xxx问题",              "devs": [                  {                      "id": 1,                      "build": "",                      "floor": "",                      "devId": "558308978",                      "devName": "设备1"                  }              ]          },          {              "longitude": "120.303419",              "latitude": "31.579259",              "location": "江苏省无锡市梁溪区后西溪48号",              "status": "1",              "describe": "设备2 发生 xxx问题",              "devs": [                  {                      "id": 2,                      "build": "",                      "floor": "",                      "devId": "562753813",                      "devName": "设备2"                  },                  {                      "id": 2,                      "build": "",                      "floor": "",                      "devId": "562758897",                      "devName": "设备3"                  }              ]          }      ]  } |

### 首页设备状态列表

<http://localhost:8082/toc/device/listDevState?openId=wx123456789>



## 消息

### 所有消息

|  |  |
| --- | --- |
| 接口 | http://localhost:8082**/toc/deviceWarn/listNews** |
| 方式 | GET |
| 入参 | openId：微信用户id  page：页码，从1开始  limit：每页显示条数 |
| 返回 | {      "code": "0",      "msg": "查询成功",      "total": 1,      "data": [          {              "**id**": 1,// 主键id              "**title**": "设备3 发生 防拆触发",              "**devLocation**": "无锡市",              "**updateTime**": "2019-12-15 12:19:16",              "**iconUrl**": "http://47.103.152.26:9088/icon/smoke",              "**status**": 1, // 当type=3时，不用判断；当type=2时，为故障状态（1-故障提交，0-解除，2-处理中；3-误报）；当type=1时，为告警状态（1-告警，0-解除，2-已确认 3-误报）；              "**type**": 2, // 消息类（1-告警 2-故障 3-离线）              "devId": "562758897",              "devName": "设备3",              "warnTypeName": "防拆触发",              "brokenTypeName": "防拆触发"          }      ]  } |

### 离线设备列表

|  |  |
| --- | --- |
| 接口 | http://localhost:8082**/toc/device/listOff** |
| 方式 | GET |
| 入参 | openId：微信用户id  page：页码，从1开始  limit：每页显示条数 |
| 返回 | {      "code": "0",      "msg": "查询成功",      "total": 1,      "data": [          {              "devId": "558308978",              "updateTime": "2019-12-08 18:50:49",              "devName": "设备1",              "baiduLongitude": "120.309024",              "baiduLatitude": "31.58252",              "devLocation": "江苏省无锡市梁溪区人民中路122号",              "iconUrl": "http://47.103.152.26:9088/icon/gas",              "title": "设备1离线"          }      ]  } |

### 故障列表

|  |  |
| --- | --- |
| 接口 | http://localhost:8082**/toc/deviceBroken/list** |
| 方式 | GET |
| 入参 | openId：微信用户id  page：页码，从1开始  limit：每页显示条数 |
| 返回 | {      "code": "0",      "msg": "查询成功",      "total": 4, //总页数      "data": [          {              "**id**": 4,//主键id，提交误报说明时需要              "brokenTypeName": "防拆触发",              "**status**": 1,// 故障状态 1：故障提交，0:解除,2：处理中,3:误报              "**updateTime**": "2019-12-12 03:48:40",//显示时间              "devId": "562758897",              "devName": "设备3",              "baiduLongitude": "120.303419",              "baiduLatitude": "31.579259",              "**devLocation**": "江苏省无锡市梁溪区后西溪48号",//地址              "**iconUrl**": "http://47.103.152.26:9088/icon/smoke", //图标              "**title**": "设备3 发生 防拆触发 故障"//显示标题          }      ]  } |

### 告警及故障误报

|  |  |
| --- | --- |
| 接口 | http://localhost:8082**/toc/deviceBroken/update** |
| 方式 | POST |
| 入参 | **openId**：微信用户id  **id**：告警或故障消息主键id  **type**：消息类型（1-告警 2-故障） |
| 返回 | {      "code": "0",      "msg": "上报成功"  } |

## 我的

### 我的设备

#### 设备类型列表

|  |  |
| --- | --- |
| 接口 | [http://47.103.152.26/api/**toc/deviceType/list**](http://47.103.152.26/api/toc/deviceType/list) |
| 方式 | GET |
| 入参 | openId：微信用户id |
| 返回 | {      "code": "0",      "msg": "查询成功",      "data": [          {              "typeName": "烟感",              "typeId": 1          }      ]  } |

#### 设备类型对应的设备列表

|  |  |
| --- | --- |
| 接口 | <http://47.103.152.26/api/toc/device/listDevice> |
| 方式 | GET |
| 入参 | openId：微信用户id，测试值wx123456789  belongTypeId：设备类型，测试值1 |
| 返回 | {  "code": "0",  "msg": "查询成功",  "data": [{  "id": 3,  "imei": "861011045590317",  "devId": "562758897",  "devState": "1",  "isWarn": "1",  "devName": "设备3",  "devLocation": "江苏省无锡市梁溪区后西溪48号",  "baiduLongitude": "120.303419",  "baiduLatitude": "31.579259",  "customPhone": "18912345678",  "updateTime": "2019-12-15 10:11:59",  "tenantId": null,  "delFlag": 0,  "typeId": 203,  "typeName": "赛特威尔烟感",  "iconUrl": "http://47.103.152.26:9088/icon/smoke",  "companyName": "赛特威尔",  "devRepair": "1",  "buyDate": null,  "buyCom": null  },  {  "id": 2,  "imei": "866971032076080",  "devId": "562753813",  "devState": "1",  "isWarn": "1",  "devName": "设备2",  "devLocation": "江苏省无锡市梁溪区人民中路122号",  "baiduLongitude": "120.309024",  "baiduLatitude": "31.58252",  "customPhone": "18912345678",  "updateTime": "2019-12-15 09:11:21",  "tenantId": 4,  "delFlag": 0,  "typeId": 202,  "typeName": "海曼烟感",  "iconUrl": "http://47.103.152.26:9088/icon/smoke",  "companyName": "海曼",  "devRepair": "1",  "buyDate": null,  "buyCom": null  }  ]  } |

#### 设备详情

设备本身字段从列表中带入

##### 根据设备id，获取其告警列表

|  |  |
| --- | --- |
| 接口 | <http://localhost:8082/toc/deviceWarn/listWarnByDev?openId=wx123456789&devId=562753813>&page=1&limit=1 |
| 方式 | GET |
| 入参 | openId  devId  page  limit |
| 返回 | {      "code": "0",      "msg": "查询成功",      "total": 11,      "data": [          {              "warnType": "15",              "warnTypeName": "防拆触发",              "devId": "562753813",              "**warnStatus**": 0,              "updateTime": "2019-11-04 20:15:55",              "resloveType": 1,              "resloveTime": "2019-12-01 12:39:04",              "devName": "设备2",              "**devState**": "1",              "baiduLongitude": "120.309024",              "baiduLatitude": "31.58252",              "devLocation": "江苏省无锡市梁溪区人民中路122号",              "**title**": "设备 设备2 疑似发现如下问题：防拆触发"          }      ]  } |

##### 根据设备id，获取其维修列表

|  |  |
| --- | --- |
| 接口 | [http://localhost:8082/toc/**deviceRepair**/**listRepairByDev**?openId=wx123456789&devId=562753813](http://localhost:8082/toc/deviceRepair/listRepairByDev?openId=wx123456789&devId=562753813)&page=1&limit=2 |
| 方式 | GET |
| 入参 | openId  devId  page  limit |
| 返回 | {  "code": "0",  "msg": "查询成功",  "total": 52,  "data": [{  "devId": "562753813",  "contact": "李四",  "phone": "18912345677",  "address": "无锡市",  "baiduLongitude": "120.309024",  "baiduLatitude": "31.58252",  "imei": "866971032076080",  "remark": "设备指示灯不亮了",  "buyTime": "2019-11-30",  "buyCompany": "undefined",  "updateTime": "2019-11-30 14:37:02",  "repairStatus": 0,  "devName": "设备2",  "iconUrl": "http://47.103.152.26:9088/icon/smoke",  "title": "设备2 设备发现如下问题：设备指示灯不亮了"  }]  } |

#### 移除设备

http://localhost:8082/toc/device/remove

openId

id

#### 一键报修

POST

http://localhost:8082/toc/deviceRepair/repair

devId //设备id

contact //联系人姓名

phone //联系人电话

address //设备地址

baiduLongitude //百度坐标经度

baiduLatitude //百度坐标纬度

imei

remark //故障描述

buyTime //购买日期

buyCompany //购买商家

### 我的报修

|  |  |
| --- | --- |
| 接口 | [http://47.103.152.26/api/**toc/deviceRepair/listRepair**](http://47.103.152.26/api/toc/deviceRepair/listRepair) |
| 方式 | GET |
| 入参 | openId  month  page  limit |
| 返回 | {      "code": "0",      "msg": "成功",      "total": 66,      "data": [          {              "devId": "558308978",              "contact": "dasd",              "phone": "sdaasd",              "address": "",              "baiduLongitude": "",              "baiduLatitude": "",              "imei": "866971031788982",              "remark": "sadas",              "buyTime": "2019-12-15",              "buyCompany": "sad",              "updateTime": "2019-12-15 09:46:13",              "repairStatus": 0,              "devName": "设备1",              "iconUrl": "http://47.103.152.26:9088/icon/gas",              "title": "设备 设备1 发现如下问题：sadas"          }      ]  } |

### 告警历史

|  |  |
| --- | --- |
| 接口 | [http://47.103.152.26/api**/toc/deviceWarn/listWarn**](http://47.103.152.26/api/toc/deviceWarn/listWarn) |
| 方式 | GET |
| 入参 | openId：微信用户id  page：页码  limit：每页显示条数 |
| 返回 | {      "code": "0",      "msg": "查询成功",      "total": 71,      "data": [          {              "title": "设备3 发生 拆卸报警",              "updateTime": "2019-12-12 03:48:40",              "devLocation": "江苏省无锡市梁溪区后西溪48号",              "iconUrl": "http://47.103.152.26:9088/icon/smoke",              "status": 1,// 告警状态 1：告警，0:解除,2：已确认,3:误报              "warnTypeName": "拆卸报警",              "devId": "562758897",              "devName": "设备3"          }      ]  } |