1. **未定义模块**

**1.1获取未定义设备列表接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：GET

**1.1.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| GET | /MIA-API/management/unresolved/list?token={token}&  dname={dname} | 1. token平台为接入用户分配的访问秘钥 2. dname为设备名称:   楼栋热表->building\_calorimeter  户用热表->house\_calorimeter  采集器->concentrator  户通断阀->house\_valve  楼栋调节阀->building\_valve |

**1.1.2请求参数**

无

**1.1.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result | List<> |  | 是 | 成功时返回未定义设备列表 |

**1.1.4请求示例**

|  |
| --- |
| GET/MIA-API/management/unresolved/list?token=b870899675d8aafcc4d4a02d939ecec8&dname=concentrator  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8 |

**1.1.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  "result": [  {  “id”:”1”,  “code”:”1700001”,  “name”:”天山景轩1号楼采集器”,  “address”:”1号楼2单元”,  “sim\_code”:”sim卡号”,  “login\_time”:”最近登录时间”,  “refresh\_time”:”最近刷新时间”  }  ]  } |

**1.1.6流程**

后台通过{dname}参数判断需要查询的数据库表名，查出表中所有unresolved字段为1的记录，选择相应的数据模板返回json字符串。

**1.2读取配置接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：GET

**1.2.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| GET | /MIA-API/management/unresolved/readconfig?token={token} | token平台为接入用户分配的访问秘钥 |

**1.2.2请求参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| code | varchar | 32 | 是 | 设备编号 |

**1.2.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result |  |  | 是 | 根据具体的设备返回相应的结果 |

**1.2.4请求示例**

|  |
| --- |
| GET/MIA-API/management/unresolved/readconfig?token=b870899675d8aafcc4d4a02d939ecec8&device=concentrator  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8 |

**1.2.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:””  } |

**1.2.6流程**

指令下行，返回对应的设备配置信息，在页面中展示出来

**1.3定义设备接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：POST

**1.3.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| POST | /MIA-API/management/unresolved/resolved?token={token}&  dname={dname} | 1. token平台为接入用户分配的访问秘钥 2. dname为设备名称 |

**1.3.2请求参数**

楼栋热表：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** | **字段约束** |
| pro\_type | varchar | 32 | 是 | 楼栋热表类型 |  |
| building\_unique\_code | varchar | 32 | 是 | 楼栋唯一编号 |  |
| comm\_address | varchar | 32 | 是 | 通信地址 |  |
| name | varchar | 32 | 否 | 楼栋热表名称 |  |
| pipe\_size | int | 11 | 是 | 楼栋热表管径 |  |
| remark | varchar | 128 | 否 | 备注 |  |
| code | varchar | 32 | 是 | 楼栋热表编号 |  |

**1.3.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result | List<> |  | 否 | 定义成功是返回定义的设备 |

**1.3.4请求示例**

|  |
| --- |
| POST /MIA-API/management/unresolved/resolved?token=b870899675d8aafcc4d4a02d939ecec8&dname=building\_calorimeter  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “building\_unique\_code”:”0010010101”,  “pro\_type”:”欧标”,  “code”:”00001”,  “”:””,  } |

**1.3.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:[{}]  } |

**1.3.6流程**

通过{dname}参数判断需要修改的数据库表名，通过传递的参数修改表中对应的记录（关键要将unresolved字段值设为0），返回结果

**1.4删除设备接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：POST

**1.4.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| POST | /MIA-API/management/unresolved/delete?token={token}&  dname={dname} | 1.token平台为接入用户分配的访问秘钥  2.dname为设备名称 |

**1.4.2请求参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| id | int | 11 | 是 | 设备id |

**1.4.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result | List<> |  | 否 | 删除成功时返回定义的设备 |

**1.4.4请求示例**

|  |
| --- |
| POST /MIA-API/management/unresolved/resolved?token=b870899675d8aafcc4d4a02d939ecec8&dname=building\_calorimeter  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “id”:”1”  } |

**1.4.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:[{}]  } |

**1.4.6流程**

通过{dname}参数判断需要修改的数据库表名，通过传递的参数删除表中对应的记录（将字段disused的值改为1），返回结果

**2.系统日志**

**2.1日志记录接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：POST

**2.1.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| POST | /MIA-API/management/systemlog/add?token={token} | token平台为接入用户分配的访问秘钥 |

**2.1.2请求参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| operate | varchar | 32 | 是 | 操作类型（login:登录，add：新增，delete：删除,update：修改，exit：退出） |
| dname | varchar | 32 | 是 | 操作类型为add、delete、update时，为必须，设备类型（楼栋热表：building\_calorimeter，户用热表：house\_calorimeter，采集器：concentrator，户通断阀：house\_valve，楼栋调节阀：building\_valve） |
| content | varchar | 100 | 是 | 名称、编号 |
| name | varchar | 32 | 是 | 用户名称 |
| id | int | 10 | 是 | 用户id |

**2.1.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |

**2.1.4请求示例**

|  |
| --- |
| POST /MIA-API/management/systemlog/add?token=b870899675d8aafcc4d4a02d939ecec8  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “operate”:”add”,  “dname”:”building\_calorimeter”,  “content”:{  name:”西山社区A100号楼2,3单元总表b”,  code:”3001510b”  }  } |

**2.1.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  } |

**2.1.6流程**

根据传递的参数插入记录

**2.2日志查询接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：GET

**2.2.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| GET | /MIA-API/management/systemlog/select?token={token} | token平台为接入用户分配的访问秘钥 |

**2.2.2请求参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| operate | varchar | 32 | 否 | 操作类型（login:登录，add：新增，delete：删除,update：修改，exit：退出） |
| name | varchar | 32 | 否 | 用户名称 |
| start\_time | long | 20 | 否 | 操作时间,开始时间 |
| end\_time | long | 20 | 否 | 操作时间，结束时间 |

**2.2.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result |  |  | 是 | 根据查询条件返回的对应列表 |

**2.2.4请求示例**

|  |
| --- |
| POST /MIA-API/management/systemlog/add?token=b870899675d8aafcc4d4a02d939ecec8  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “operate”:”add”,  “name”:”kevin”,  “start\_time”,”1488345337854”,  “end\_time”,”1488345882783”  } |

**2.2.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:”[{}]”  } |

**2.2.6流程**

根据传递的参数返回相应的列表

**3.查询统计**

**3.1盗热分析接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：GET

**3.1.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| GET | /MIA-API/management/selectcount/stealheat?token={token} | token平台为接入用户分配的访问秘钥 |

**3.1.2请求参数**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** | **数据约束** |
| start\_temp | double |  | 否 | 最低温差 |  |
| end\_temp | double |  | 否 | 最高温差 |  |
| start\_time | long | 20 | 否 | 启始采集时间 |  |
| end\_time | long | 20 | 否 | 结束采集时间 |  |
| ispay | int | 2 | 否 | 是否缴费，0是已缴费，1是未缴费 |  |

**3.1.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result |  |  | 是 | 返回的列表 |

**3.1.4请求示例**

|  |
| --- |
| POST /MIA-API/management/systemlog/add?token=b870899675d8aafcc4d4a02d939ecec8  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “start\_temp”:”5”,  “end\_temp”:”10”,  “start\_time”:”1488345337854”,  “end\_time”:”1488345882783”,  “ispay”:”0”  } |

**3.1.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:”[{}]”  } |

**3.1.6流程**

根据传递的参数查询相应的列表

**3.2阀门开关记录插入接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：POST

**3.2.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| POST | /MIA-API/management/selectcount/openlog/add?token={token} | token平台为接入用户分配的访问秘钥 |

**3.2.2请求参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| house\_code | varchar | 32 | 是 | 住户编号 |
| user\_id | int | 11 | 是 | 操作者 |
| record | varchar | 50 | 是 | 操作记录 |
| logstatus | int | 4 | 是 | 记录类型 |

**3.2.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result |  |  | 否 | 插入成功时返回插入的记录 |

**3.2.4请求示例**

|  |
| --- |
| POST /MIA-API/management/selectcount/openlog/add?token={token}  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “house\_code ”:””,  “user\_id”:””,  “record”:””,  “logstatus”:””  } |

**3.2.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:”[{}]”  } |

**3.2.6流程**

根据传递的参数插入相应的参数

**3.3阀门开关记录查询接口**

通信协议：HTTP/HTTPS

数据编码：UTF-8

数据格式：JSON

请求方式：GET

**3.3.1请求URI**

|  |  |  |
| --- | --- | --- |
| **方法** | **API路径** | **说明** |
| GET | /MIA-API/management/selectcount/openlog/select?token={token} | token平台为接入用户分配的访问秘钥 |

**3.3.2请求参数**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** | **数据约束** |
| house\_code | varchar | 32 | 否 | 住户编号 |  |
| user\_id | int | 11 | 否 | 操作者（下拉框选择） |  |
| start\_time | long | 20 | 否 | 开始时间 |  |
| end\_time | long | 20 | 否 | 结束类型 |  |
| logstatus | int | 4 | 否 | 记录类型（0：开，1：关，2：调取数据） |  |

**3.3.3响应参数**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **说明** |
| errcode | int | 4 | 是 | 错误码，0：成功，非0值失败，具体参考错误码定义章节 |
| result |  |  | 是 | 根据条件返回查询列表 |

**3.3.4请求示例**

|  |
| --- |
| POST /MIA-API/management/selectcount/openlog/select?token={token}  Host:www.mia-iot.com  Content-Type: application/json: charset=utf-8  {  “house\_code ”:””,  “user\_id”:””,  “start\_time”:””,  “end\_time”:””,  “logstatus”:””  } |

**3.3.5响应示例**

|  |
| --- |
| HTTP/1.1 200 OK  Content-Type: application/json; charset=utf-8  {  "errcode": 0,  “result”:”[{}]”  } |

**3.3.6流程**

根据传递的参数查询相应的列表