智能柜服务器API文档

Smart Locker Server API Document

|  |  |  |  |
| --- | --- | --- | --- |
| Version | [Author](C:/Users/leo/AppData/Local/youdao/dict/Application/8.9.3.0/resultui/html/index.html" \l "/javascript:;) | Date | Remark |
| 1.0.1 | Leo | 2020-08-31 | Basic version |
| 1.0.2 | Leo | 2020-12-22 | Update function |
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| 1.0.4 | Leo | 2022-10-15 | Update function |
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1. **Workflow工作流**

Client Server

Smart Locker Server

Smart Locker

Customer

Employee

Feedback result

Dropoff package

Push dropoff

package information

Feedback result

Return package

Push return

package information

Customer pickup

Get Device information

Feedback result

Feedback result

Feedback result

Push pickup

package information

Open Locker

......

Feedback result

Feedback result

Feedback result

Open Locker

Feedback result

Book Door

Feedback result

1. **Interface Introduction**

**接口介绍**

All API interfaces is http+json style, transmit web standard json pamameters via post format, feedback is standard json format.

所有API接口采用 http+json方式，通过http + post 协议传输标准json，返回信息也是标准json

**3. API Interface**

API接口

**3.1 API Interface Provided by Aituo**

**爱拓公司提供以下接口**

**There are total 13 interfaces that provided by aituo.**

**爱拓提供以下13个接口**

**3.1.1 Payment Feedback Interface [需要根据项目定制开发]**

**付款反馈接口**

Website or app make payment through this interface.

客户通过此接口反馈付款信息

**3.1.2 Get Pickup PIN Interface**

**获取取件码接口**

Website or app will get pickup PIN through this interface.

客户通过此接口获取当前订单取件码

**3.1.3 Get All Terminal List Interface**

**获取所有设备清单接口**

Website or app will get termianl list through this interface.

客户通过此接口获取设备清单

**3.1.4 Get Single Terminal Informaion Interface**

**获取单个设备清单接口**

Website or app will get termianl information through this interface.

客户通过此接口获取单个设备信息

**3.1.5 Get All Employee List Interface**

**获取所有雇员清单接口**

Website or app will get all employee List through this interface.

客户通过此接口获取所有雇员清单

**3.1.6 Get Single Employee Information Interface**

**获取单个雇员信息接口**

Website or app will get employee information through this interface.

客户通过此接口获取单个雇员信息

**3.1.7 Book the box Interface**

**预订柜子接口**

**3.1.8 Cancel book the box Interface**

**取消预订柜子接口**

**3.1.9 Remote Open Box Interface**

**远程开柜接口**

**3.1.10 Get available box interface**

**获取有效柜子接口**

**3.1.11 Get All Customer List Interface**

**获取所有客户清单接口**

Website or app will get all customer List through this interface.

客户通过此接口获取所有客户清单

**3.1.12 Get Single Customer Information Interface**

**获取单个客户清单接口**

Website or app will get customer information through this interface.

客户通过此接口获取单个客户信息

**3.1.13 Resend order pickup code Interface**

重发该订单取件码

**3.1.15 Set Order Amount Interface**

设置订单金额接口

Website or app will set order amount through this interface.

客户通过此接口设置该订单额外支付金额

**3.1.16 Remote pickup interface**

远程取件

Website or app will remote pickup through this interface.

客户通过此接口远程取件并开门

3.1.1 **Payment Feedback Interface [根据项目定制开发]**

**付款接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1001",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100120210526181127",

        "type": "0",

        "money": "20.00"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1001 stands for Payment Feedback Interface  1001 付款接口命令号 |
| apikey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order number  订单号 |
| --type | yes | 0 delivery 1 pickup 【1.0.4 new】  0 存件 1取件 |
| --money | yes | Payment amount, in format ##.## two decimal  付款金额格式 ##.## |

Feedback:

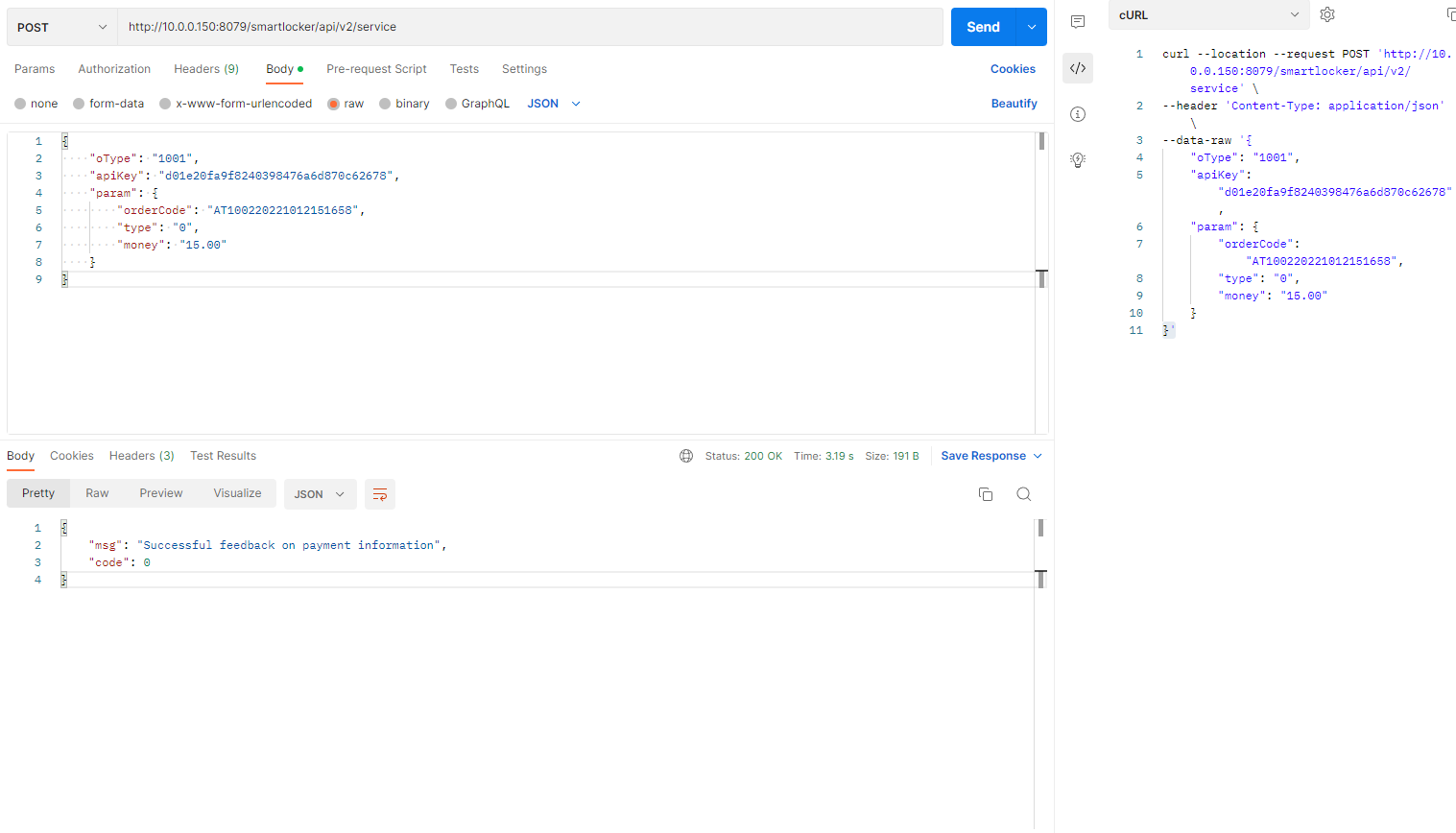
{

    "code": 0,

    "msg": "Successful feedback on payment information"

}

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



3.1.2 **Get Pickup PIN Interface**

**获取取件码接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1002",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100120210626134355"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1002 stands for Receive Pickup PIN Interface  1002 获取取件码命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order number  订单号 |

Feedback:

{

    "code": 0,

    "msg": "Get pinCode successful",

    "value": {

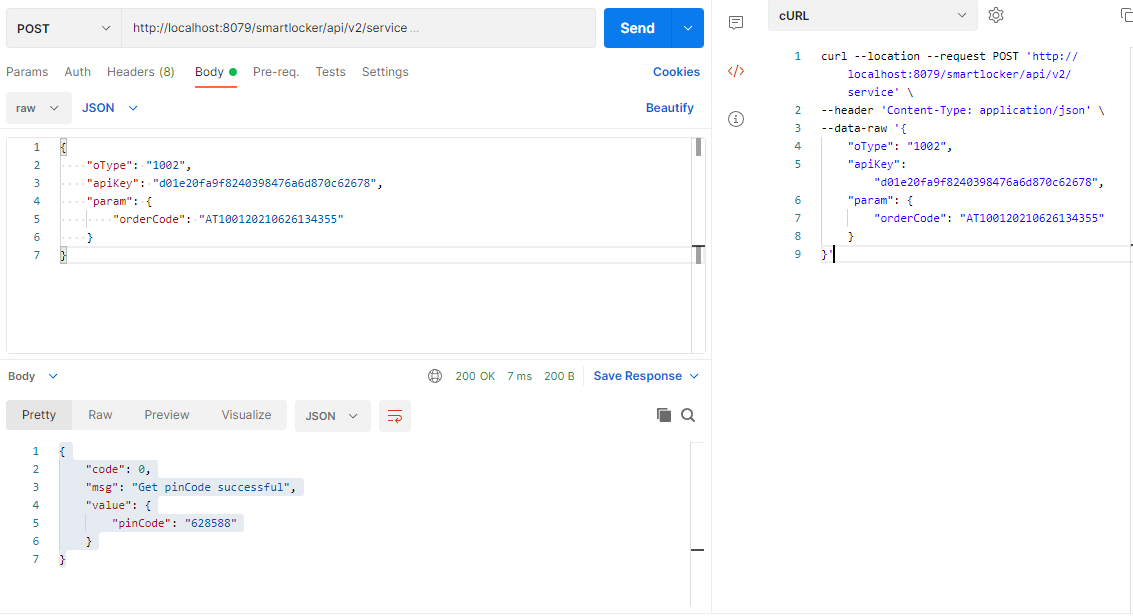
        "pinCode": "628588"

    }

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Data  数据 |
| --pinCode | Pickup PIN  取件码 |



* **3.1.3 Get All Terminal List Interface**

**获取所有设备清单接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1003",

    "apiKey": "d01e20fa9f8240398476a6d870c62678"

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1003 stands for Receive All Terminal List Interface  1003 获取所有设备清单接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |

Feedback:

{

    "msg": "Get device information successful",

    "value": [

        {

            "deviceNo": "AT1001",

            "online": 0,

            "deviceName": "10.1"

        },

        {

            "deviceName": "15.6",

            "online": 1,

            "deviceNo": "AT1002"

        }

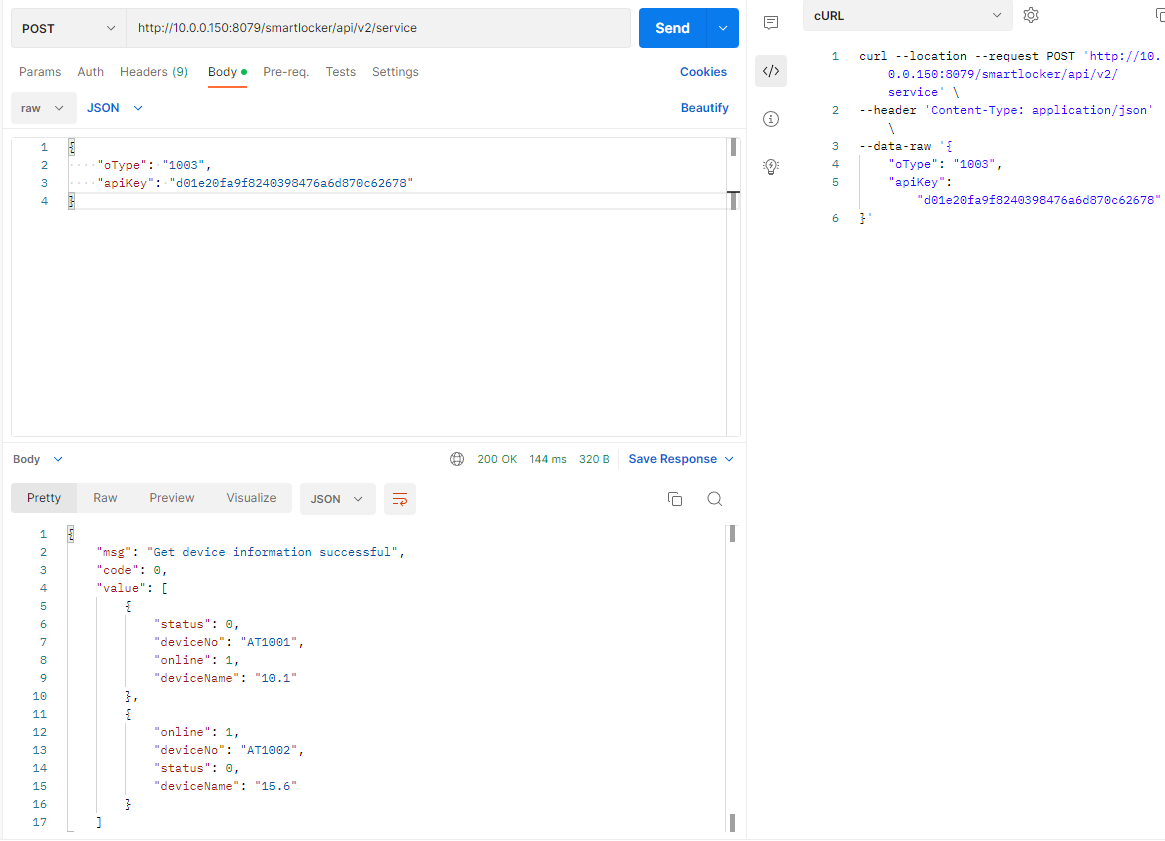
    ],

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Device List  设备列表 |
| ----deviceNo | Terminal S/N (each locker is with unique S/N when ship out)  设备编号，每个柜子唯一 |
| ----deviceName | Terminal name  设备名字 |
| ----online | 0:online 1:offline  0:在线1:离线 |
| ----status | 0:Enable 1:Disable  0:正常 1:暂停使用 |



**3.1.4 Get Single Device Information Interface**

**获取单个设备信息接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1004",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "deviceNo": "AT1001"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1004 stands for Receive Single Device Information Interface  1004获取单个设备信息接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --deviceNo | yes | Device No  设备编号 |

Feedback:

{

    "value": [

        {

            "box": [

                {

                    "size": 1,

                    "boxNo": 1,

                    "status": 0,

                    "storage": 1,

                    "type": 1

                },

                {

                    "storage": 0,

                    "type": 0,

                    "boxNo": 2,

                    "size": 2,

                    "status": 0

                },

                {

                    "status": 0,

                    "boxNo": 3,

                    "size": 2,

                    "storage": 0,

                    "type": 0

                },

                {

                    "boxNo": 4,

                    "size": 1,

                    "type": 0,

                    "storage": 0,

                    "status": 0

                },

                {

                    "storage": 0,

                    "size": 1,

                    "status": 0,

                    "boxNo": 5,

                    "type": 0

                },

                {

                    "status": 0,

                    "boxNo": 6,

                    "size": 1,

                    "storage": 0,

                    "type": 0

                },

                {

                    "size": 1,

                    "status": 0,

                    "boxNo": 7,

                    "type": 0,

                    "storage": 0

                },

                {

                    "status": 0,

                    "type": 0,

                    "storage": 0,

                    "size": 1,

                    "boxNo": 8

                },

                {

                    "size": 1,

                    "boxNo": 9,

                    "storage": 0,

                    "type": 0,

                    "status": 0

                },

                {

                    "status": 0,

                    "storage": 0,

                    "size": 1,

                    "type": 0,

                    "boxNo": 10

                },

                {

                    "status": 0,

                    "size": 1,

                    "boxNo": 11,

                    "type": 0,

                    "storage": 0

                },

                {

                    "boxNo": 12,

                    "storage": 0,

                    "type": 0,

                    "status": 0,

                    "size": 1

                },

                {

                    "type": 0,

                    "storage": 0,

                    "status": 0,

                    "size": 1,

                    "boxNo": 13

                },

                {

                    "storage": 0,

                    "status": 0,

                    "size": 1,

                    "boxNo": 14,

                    "type": 0

                },

                {

                    "storage": 0,

                    "type": 0,

                    "boxNo": 15,

                    "status": 0,

                    "size": 1

                },

                {

                    "boxNo": 16,

                    "size": 1,

                    "storage": 0,

                    "type": 0,

                    "status": 0

                },

                {

                    "status": 0,

                    "storage": 0,

                    "size": 1,

                    "boxNo": 17,

                    "type": 0

                },

                {

                    "boxNo": 18,

                    "storage": 0,

                    "status": 0,

                    "size": 1,

                    "type": 0

                },

                {

                    "status": 0,

                    "storage": 0,

                    "size": 1,

                    "type": 0,

                    "boxNo": 19

                },

                {

                    "type": 0,

                    "status": 0,

                    "size": 1,

                    "boxNo": 20,

                    "storage": 0

                },

                {

                    "type": 0,

                    "boxNo": 21,

                    "storage": 0,

                    "size": 1,

                    "status": 0

                },

                {

                    "size": 1,

                    "type": 0,

                    "status": 0,

                    "boxNo": 22,

                    "storage": 0

                },

                {

                    "status": 0,

                    "boxNo": 23,

                    "type": 0,

                    "storage": 0,

                    "size": 1

                },

                {

                    "storage": 0,

                    "status": 0,

                    "boxNo": 24,

                    "type": 0,

                    "size": 1

                }

            ],

            "deviceNo": "AT1002",

            "deviceName": "15.6"

        }

    ],

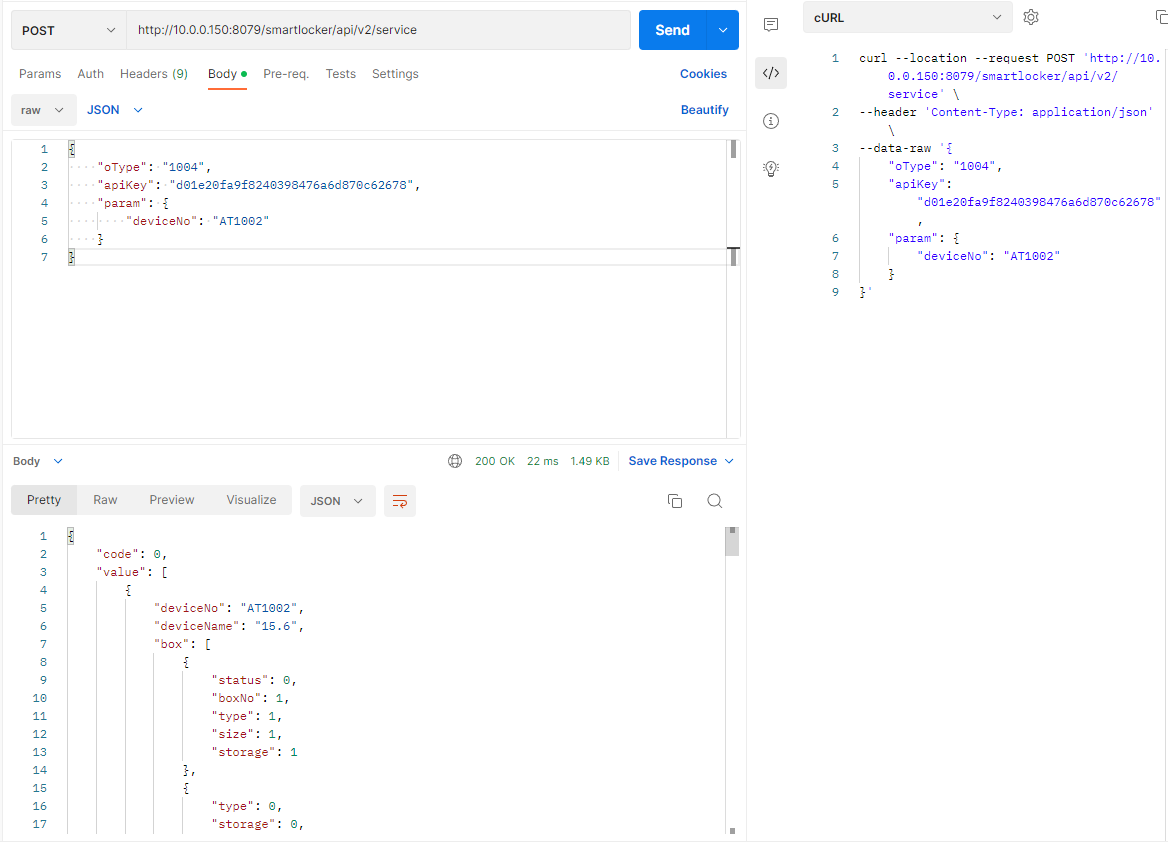
    "code": 0,

    "msg": "Get device information successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: stands for success  -1: stands for fail  0：成功  -1：失败 |
| msg | Carry out explanantion  失败原因 |
| value | Device Information  设备信息 |
| --deviceNo | Terminal S/N (each locker is with unique S/N when ship out)  设备编号 |
| --deviceName | Terminal name  设备名字 |
| --box | Box List  格子列表 |
| ----boxNo | Box No  格子编号 |
| ----size | Box Size 1:small 2: normal 3: big 4:sbig  格子大小 1:小 2:中 3:大 4:超大 |
| ----status | Box Status 0:enable 1:disable  格子状态 0:能用 1禁用 |
| ----storage | Box Storage 0:empty 1:busy  格子存储 0:可用 1:占用 |
| ----type | 0:normal 1:hot 2:cold  0:正常 1:加热 |



**3.1.5 Get All Employee List Interface**

**获取所有雇员清单接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1005",

    "apiKey": "d01e20fa9f8240398476a6d870c62678"

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1005 stands for Receive All Employee List Interface  1005 获取所有雇员清单接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |

Feedback:

{

    "code": 0,

    "value": [

        {

            "userId": "5678",

            "name": "leo"

        },

        {

            "name": "Victor Lee",

            "userId": "at001"

        }

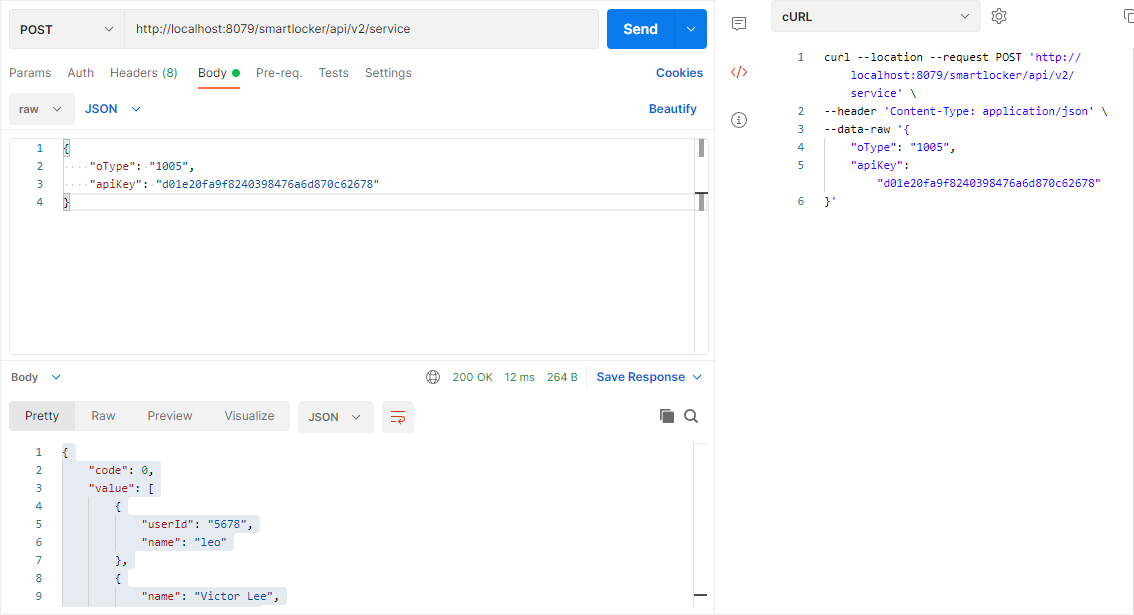
    ],

    "msg": "Get employee information successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Employee List  雇员列表 |
| ----userId | Employee ID  雇员ID |
| ----name | Employee Name  雇员名字 |



**3.1.6 Get Single Employee Information Interface**

**获取单个雇员清单接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1006",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "userId": "5678"

    }

}

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1006 stands for Receive Single Employee Information Interface  1006 获取单个雇员清单命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --userId | yes | User ID  客户ID |

Feedback:

{

    "msg": "Get employee information successful",

    "code": 0,

    "value": [

        {

            "email": "306364023@qq.com",

            "status": 0,

            "mobile": "+8613410838891",

            "name": "leo",

            "userId": "5678"

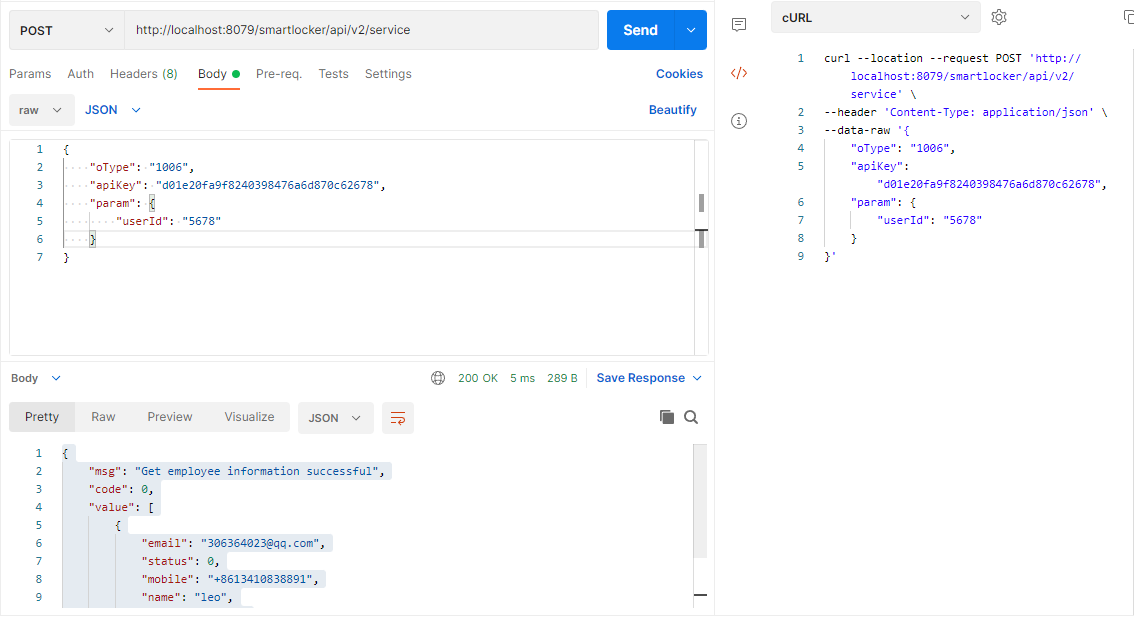
        }

    ]

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Employee Information  雇员信息 |
| --userId | Employee ID  雇员ID |
| --name | Employee Name  雇员名字 |
| --status | Employee Status 0: Enable 1: Disable  雇员状态 0:能用 1:禁用 |
| --mobile | Employee Mobile  雇员电话 |
| --email | Employee Email  雇员电邮 |



**3.1.7 Book the box Interface**

预订格子接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1007",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "userId": "56785678",

        "deviceNo": "AT1002",

        "boxNo": "1",

        "trackNo": "aa123456",

        "mobile": "",

        "email": "306364023@qq.com",

        "dropoffCode": "224568",

        "pinCode": "234587"

    }

}

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1007 stands for Book the box Interface  1007 预订柜子编号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --userId | no | Employee ID，  If the ID is empty, use the drop off code to delivery  雇员ID 如果ID为空，使用drop off code，进行投放 |
| --deviceNo | yes | Device No  设备编号 |
| --boxNo | no | Box No  If it is empty, It needs to be manually selected  by the employee at the cabinet terminal  格子编号  如果是空，需要雇员手动选择格子 |
| --trackNo | no | Package No  包裹编号 |
| --mobile | no | Customer Phone  客户电话 |
| --email | no | Customer Email  客户邮件 |
| --dropoffCode | no | Drop off Code  If it is empty, the system will automatically generate  存件码  如果是空，系统自动产生 |
| --pinCode | no | Pick up Code  If it is empty, the system will automatically generate  取件码  如果是空，系统自动产生 |

Feedback:

{

    "value": {

        "orderCode": "AT100020220907155001",

        "dropoffCode": "224568",

        "pinCode": "234587"

    },

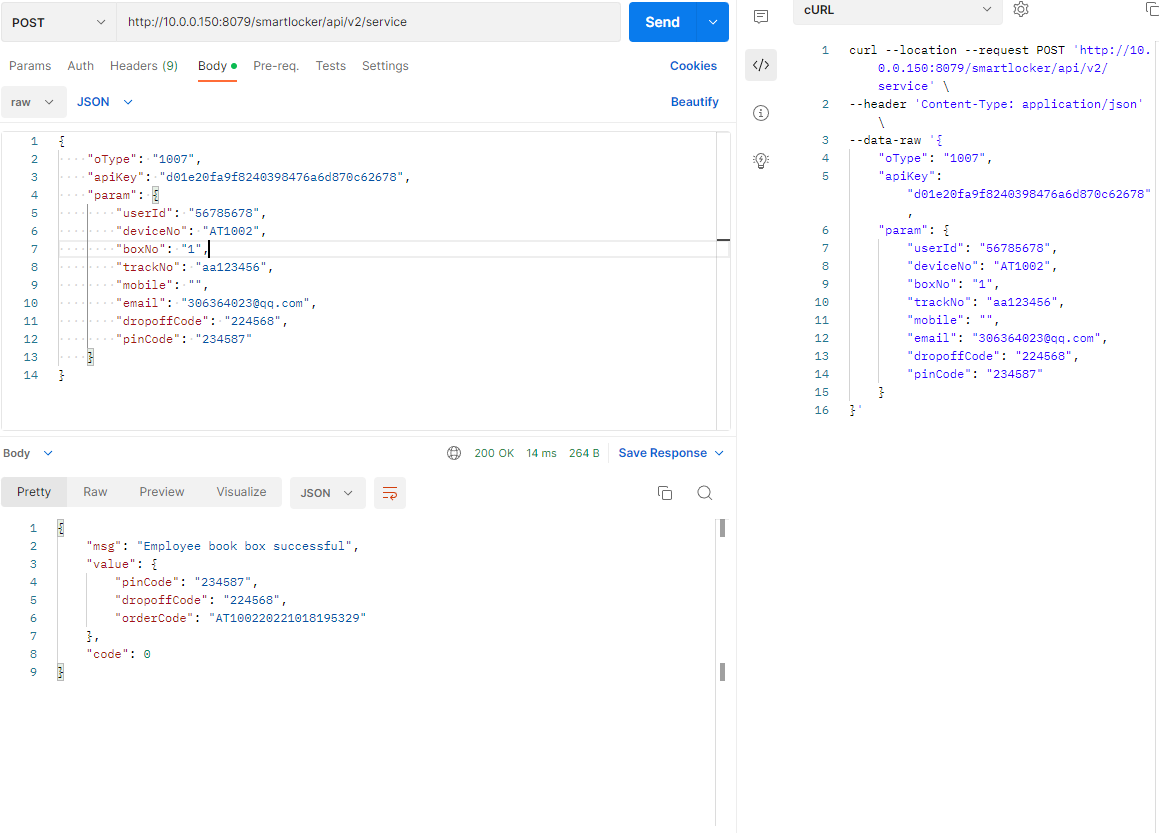
    "code": 0,

    "msg": "Employee book box successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value |  |
| --orderCode | Order ID  订单号 |
| --dropoffCode | Drop off Code  取件码 |
| --pinCode | Pick up Code  存件吗 |



**3.1.8 Cancel Book the box Interface**

取消预订格子接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1008",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100120220819143559"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1008 stands for Cancel book the box Interface  1008 取消预订格子接口 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order Code  订单号 |

Feedback:

{

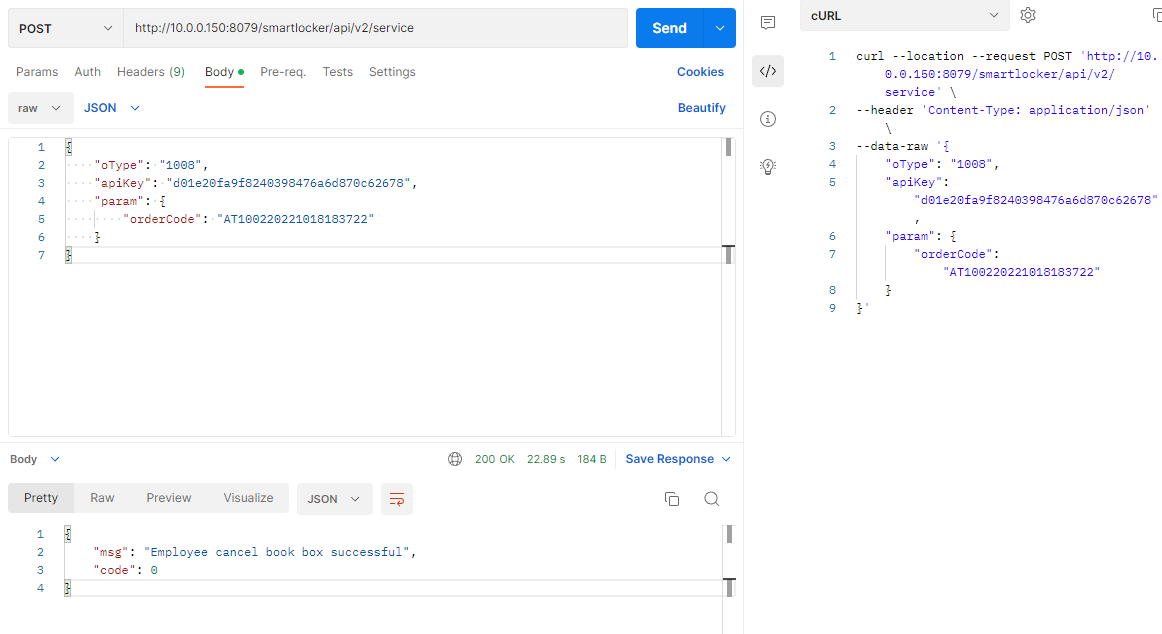
    "code": 0,

    "msg": "Employee cancel book box successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.1.9 Open box Interface**

**远程开柜接口**

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1009",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "deviceNo": "AT1001",

        "boxNo": "1"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1009 stands for open box Interface  1009 远程开柜接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --deviceNo | yes | Device No  设备编号 |
| --boxNo | yes | Box No  格子编号 |

Feedback:

{

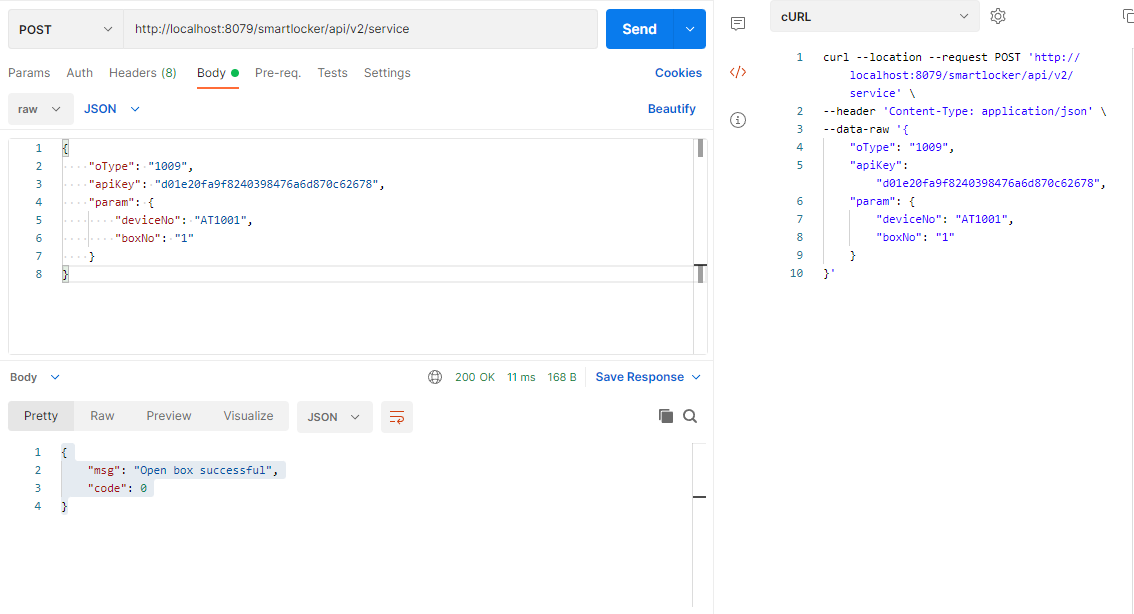
    "msg": "Open box successful",

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.1.10 Get available box Interface**

获取有效格子接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1010",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "deviceNo": "AT1001",

        "size": "1",

"type": "0"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1009 stands for get available box Interface  1009 获取有效格子接口 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --deviceNo | yes | Device No  设备编号 |
| --size | yes | 0:Any size 1:small 2: normal 3: big 4:sbig  0:任意大小 1：小 2：中 3：大 4：超大 |
| --type | Yes | 0:normal 1:hot 2:cold  0:正常 1:加热 2:制冷 |

Feedback:

{

    "msg": "Get device information successful",

    "value": {

        "deviceNo": "AT1001",

        "box": {

            "storage": 0,

            "status": 0,

            "size": 1,

            "boxNo": 1

        },

        "deviceName": "10.1"

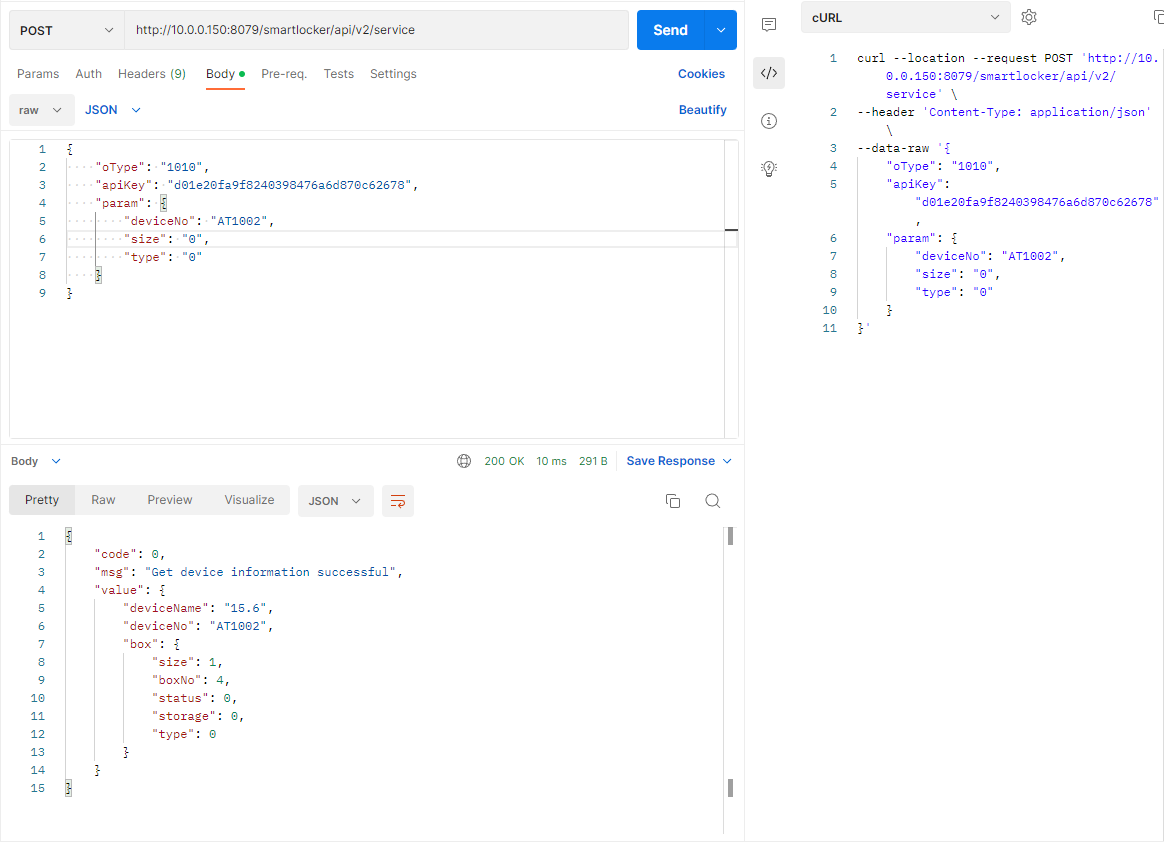
    },

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Device Information  设备信息 |
|  |  |
| --deviceNo | Terminal S/N (each locker is with unique S/N when ship out)  设备编号，每个柜子唯一编号 |
| --deviceName | Terminal name  设备名字 |
| --box | Box Information  格子信息 |
| ----boxNo | Box No  格子编号 |
| ----size | Box Size 1:small 2: normal 3: big 4:sbig  格子大小 1：小 2：中 4：大 5：超大 |
| ----status | Box Status 0:enable 1:disable  格子状态 0：能用 1：禁用 |
| ----storage | Box Storage 0:empty 1:busy  存储状态 0：可用 1：占用 |
| ----type | 0:normal 1:hot 2:cold  0:正常 1:加热 2:制冷 |



**3.1.11 Get All Customer List Interface**

获取所有客户清单列表接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1011",

    "apiKey": "d01e20fa9f8240398476a6d870c62678"

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1011 stands for Receive All Customer List Interface  1011 获取所有客户清单列表接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |

Feedback:

{

    "msg": "Get customer information successful",

    "code": 0,

    "value": [

        {

            "name": "Liang Betsy",

            "userId": "a3b3407feffb4055837387ce80249f7e"

        },

        {

            "userId": "1143264482d24055acb58cde15fa0429",

            "name": "Liang Jack"

        },

        {

            "userId": "9957ad90e98642ee9b2a1b1e76f55d56",

            "name": "Leibovic Steve"

        },

        {

            "name": "Leibovic Brother",

            "userId": "ae12a8301adb4ac5b0b828e0ae000a6e"

        },

        {

            "name": "Leibovic Sister",

            "userId": "37a9b9cea60d4f6294f6716a36227793"

        },

        {

            "name": "Smith John",

            "userId": "2cc80cbd4e9440d791136fee76048421"

        },

        {

            "userId": "95c677b9d34d4d5e833a318b2231508b",

            "name": "Smith John"

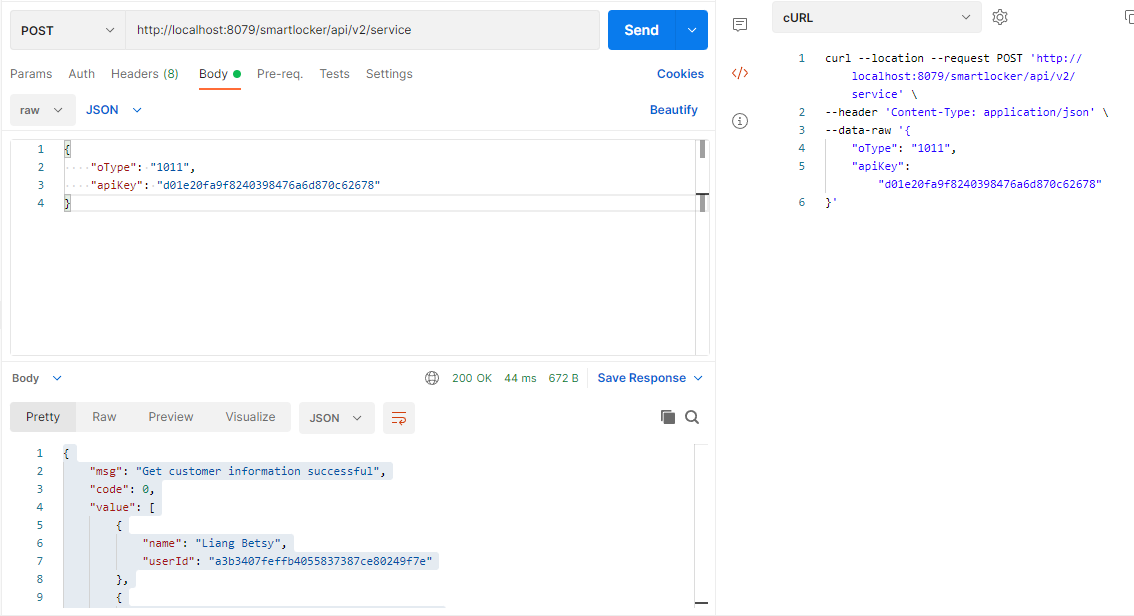
        }

    ]

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Customer Information  客户信息 |
| --userId | Customer ID  客户ID |
| --name | Customer Name  客户名字 |



**3.1.12 Get Single Customer Information Interface**

获取单个客户信息接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1012",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "userId": "a3b3407feffb4055837387ce80249f7e"

    }

}

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1012 stands for Receive Single Customer Information Interface  1012 获取单个客户清单列表接口命令号 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --userId | yes | User ID  客户ID |

Feedback:

{

    "code": 0,

    "value": [

        {

            "userId": "a3b3407feffb4055837387ce80249f7e",

            "mobile": "+8042223352",

            "name": "Liang Betsy",

            "email": "betsyliang123@gmail.com",

            "status": 0

        }

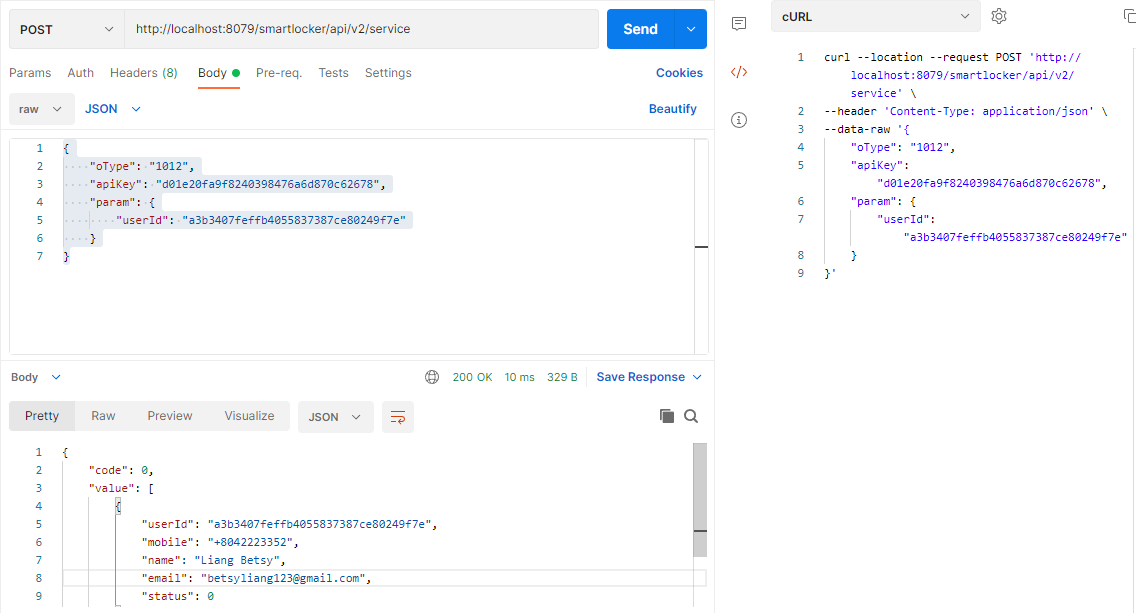
    ],

    "msg": "Get customer information successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |
| value | Customer Information  客户信息 |
| --userId | Customer ID  客户ID |
| --name | Customer Name  客户名字 |
| --status | Customer Status 0 Enable 1 Disable  客户状态 0:能用 1禁用 |
| --mobile | Customer Mobile  客户手机 |
| --email | Customer Email  客户邮件 |



3.1.13  **Resend order pickup code Interface**

重发订单取件码接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1013",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100020220617153426"

    }

}

Parameter Explanation:

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1013 stands for Resend order pickup code Interface  1013 重发订单取件码接口 命令号 |
| apikey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order number  订单号 |

Feedback:

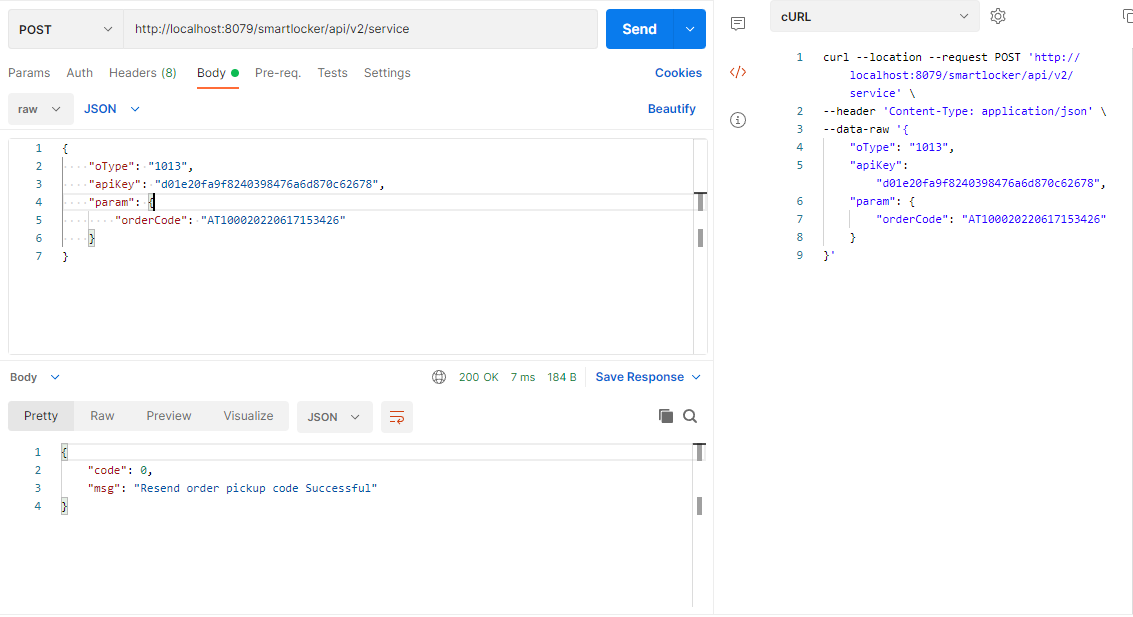
{

    "code": 0,

    "msg": "Resend order pickup code Successful"

}

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.1.15 Set Order Amount Interface【1.0.4 new】**

设置订单金额接口

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1015",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100220221018195329",

        "setPayment": "0",

        "money": "20.00"

    }

}

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1015 stands for Set Order Amount  1015 设置订单金额 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order number  订单号 |
| --setPayment | yes | 0 :delivery payment 1: pick up payment 0:派件支付金额 1：取件支付金额 |
| --money | yes | don't pay set to 0.00  不支付设置为 0.00 |

Feedback:

{

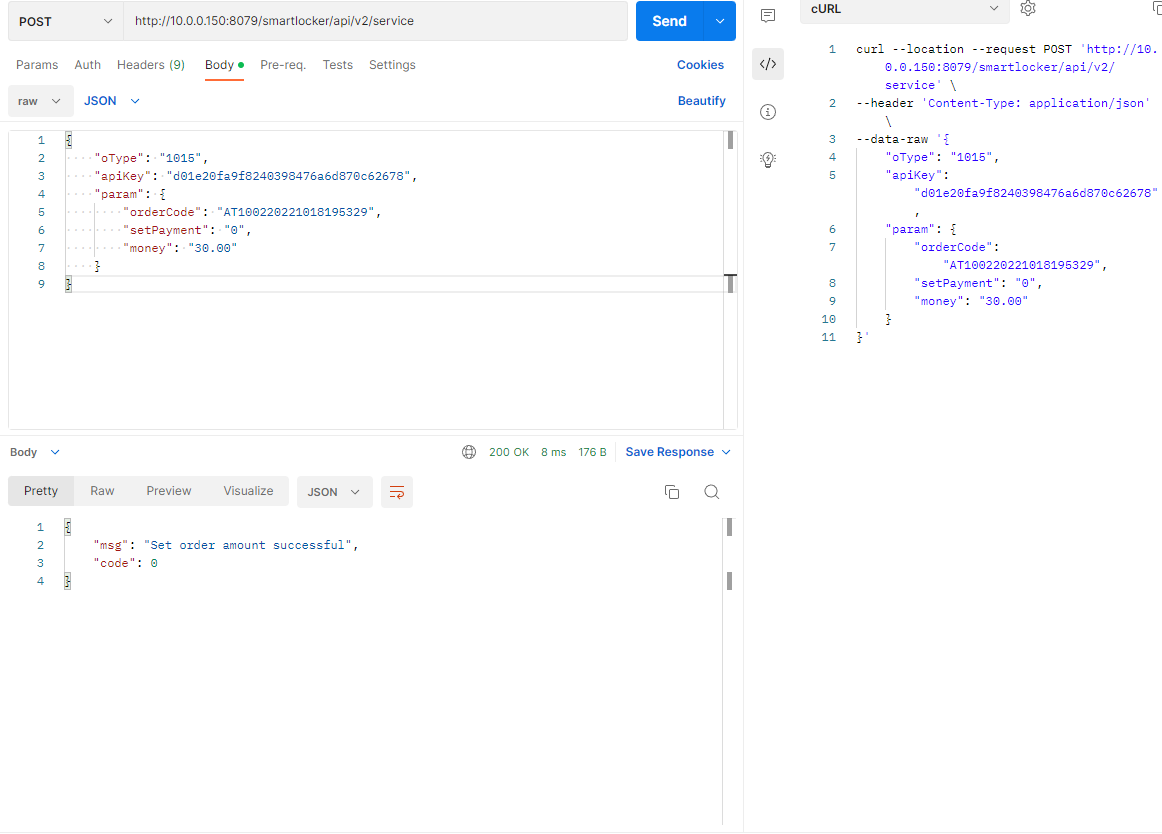
   "code": 0,

    "msg": "Set order amount successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.1.16 Remote pickup interface【 1.0.8 new】**

远程取件

Website or app will remote pickup through this interface.

客户通过此接口远程取件并开门

HTTP request method: POST

URL:

[http://xxx/smartlocker/api/v2/service](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1016",

    "apiKey": "d01e20fa9f8240398476a6d870c62678",

    "param": {

        "orderCode": "AT100120221123144938629442"

    }

}

|  |  |  |
| --- | --- | --- |
| Key Field:  参数 | Not Empty  非空 | Description  描述 |
| oType | yes | 1015 stands for Set Order Amount  1015 设置订单金额 |
| apiKey | yes | Provided by Aituo  爱拓提供 |
| param | yes | Business parameters  参数 |
| --orderCode | yes | Order number  订单号 |

Feedback:

{

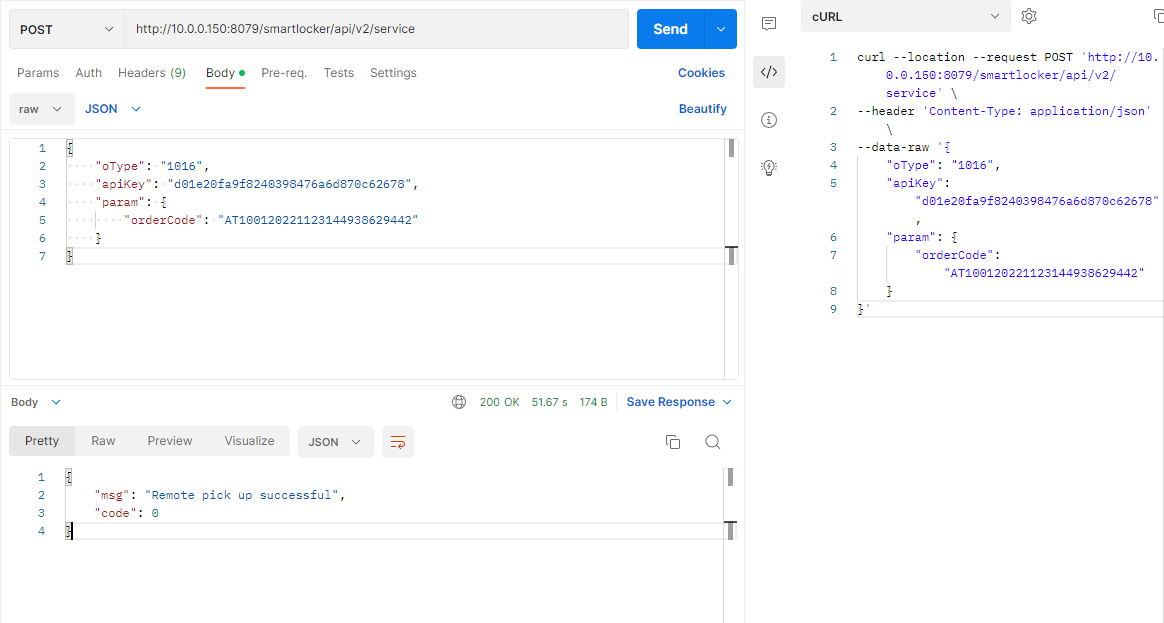
   "code": 0,

    "msg": "Remote pick up successful"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



3.2 **API Interface Provided by Website or App**

商家提供API接口

There are total 3 interfaces that provided by website or app.

三个API接口有商家提供

3.2.1 Employee Dropoff Interface

雇员存包接口

After employee drop off package, smart locker server will report employee drop off package information to website or app through this interface, website or app feedback to smart locker server the result of processing

**当雇员存包后，智能柜服务器将通过此接口上报雇员存包信息给商家服务器，商家服务器应该返回处理结果**

3.2.2 Employee Retrun Interface

雇员召回接口

After employee return package, smart locker server will report employee return package information to website or app through this interface, website or app feedback to smart locker server the result of processing

**当雇员召回后，智能柜服务器将通过此接口上报雇员召回信息给商家服务器，商家服务器应该返回处理结果**

3.2.3 Customer Pickup Interface

客户取件接口

After customer pickup package, smart locker server will report customer pickup information to website or app through this interface, website or app feedback to smart locker server the result of processing

**当客户取件后，智能柜服务器将通过此接口上报雇员取件信息给商家服务器，商家服务器应该返回处理结果**

**3.2.1 EmployeeDropoff Package**

**雇员存包**

HTTP request method: POST

URL:

[http://xxx](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1001",

    "tid": "123",

    "userId": "1",

    "deviceNo": "AT1003",

    "boxNo": "1",

    "orderCode": "1",

    "trackNo": "1",

    "pinCode": "1",

    "mobile": "123",

    "email": "a@a.com",

    "adress": ""

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| oType | 1001 stands for Dropoff Package Notice  1001 存包通知命令号 |
|  |  |
| tid | Unique batching number of this operation, avoid repeat operation  随机码，用于同一个命令多次上传重复判断 |
| userId | Employee ID, unique for each employee , feedback after Employee verification  雇员ID |
| deviceNo | Terminal S/N  设备编号 |
| boxNo | Box number  格子编号 |
| orderCode | Unique number for each order  订单号 |
| trackNo | [Package](C:/Users/leo/AppData/Local/youdao/dict/Application/8.6.2.0/resultui/html/index.html" \l "/javascript:;) number  包裹编号 |
| pinCode | Pickup code  取件码 |
| mobile | Customer mobile  客户电话 |
| email | Customer email  客户邮件 |
| address | Terminal Address  设备地址 |

Feedback:

{

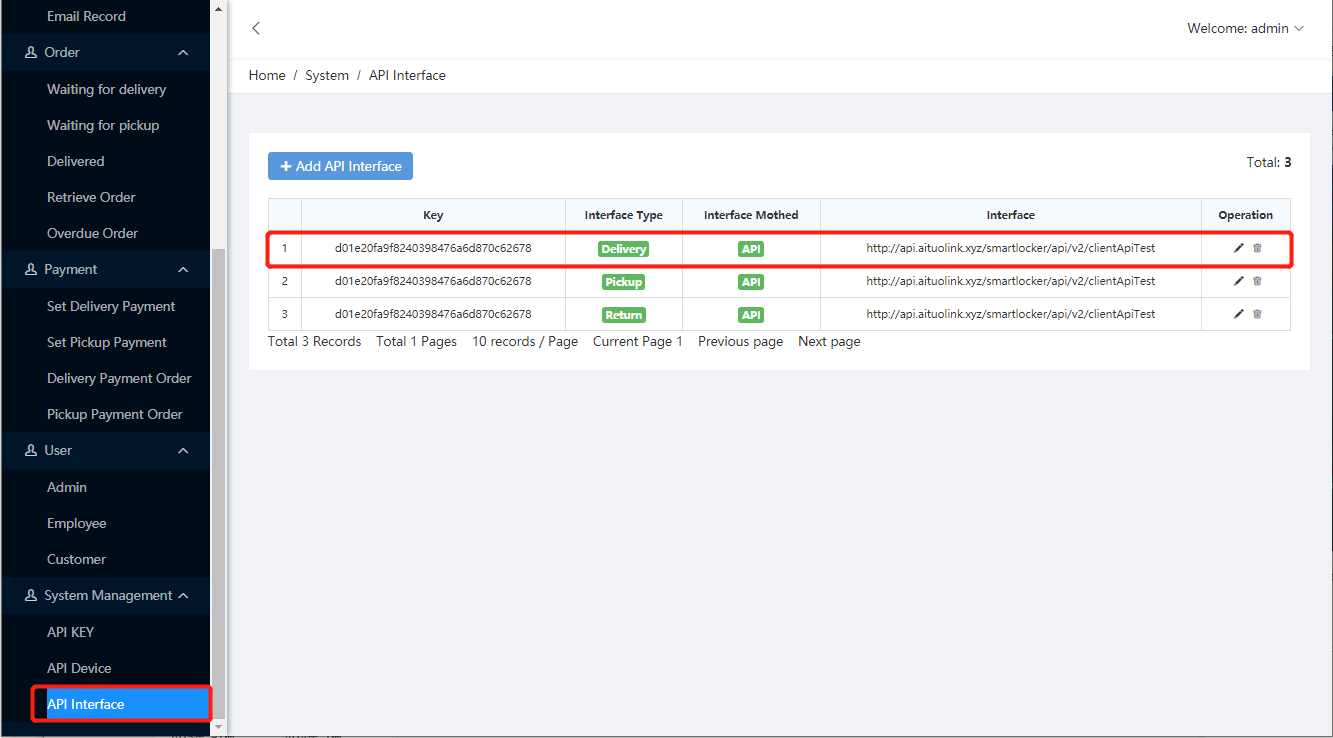
    "msg": "ok",

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.2.2 Employee Return Package**

**雇员召回**

HTTP request method: POST

URL:

[http://xxx](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1002",

    "tid": "123",

    "userId": "1",

    "deviceNo": "AT1003",

    "boxNo": "1",

    "orderCode": "1"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| oType | 1002 stands for Return Package Notice  1002 雇员召回命令号 |
|  |  |
| tid | Unique batching number of this operation, avoid repeat operation  随机码，用于同一个命令多次上传重复判断 |
| userId | Employee ID, unique for each employee , feedback after Employee verification  雇员ID |
| deviceNo | Terminal S/N  设备编号 |
| boxNo | Box number  格子编号 |
| orderCode | Unique number for each order  订单号 |

Feedback:

{

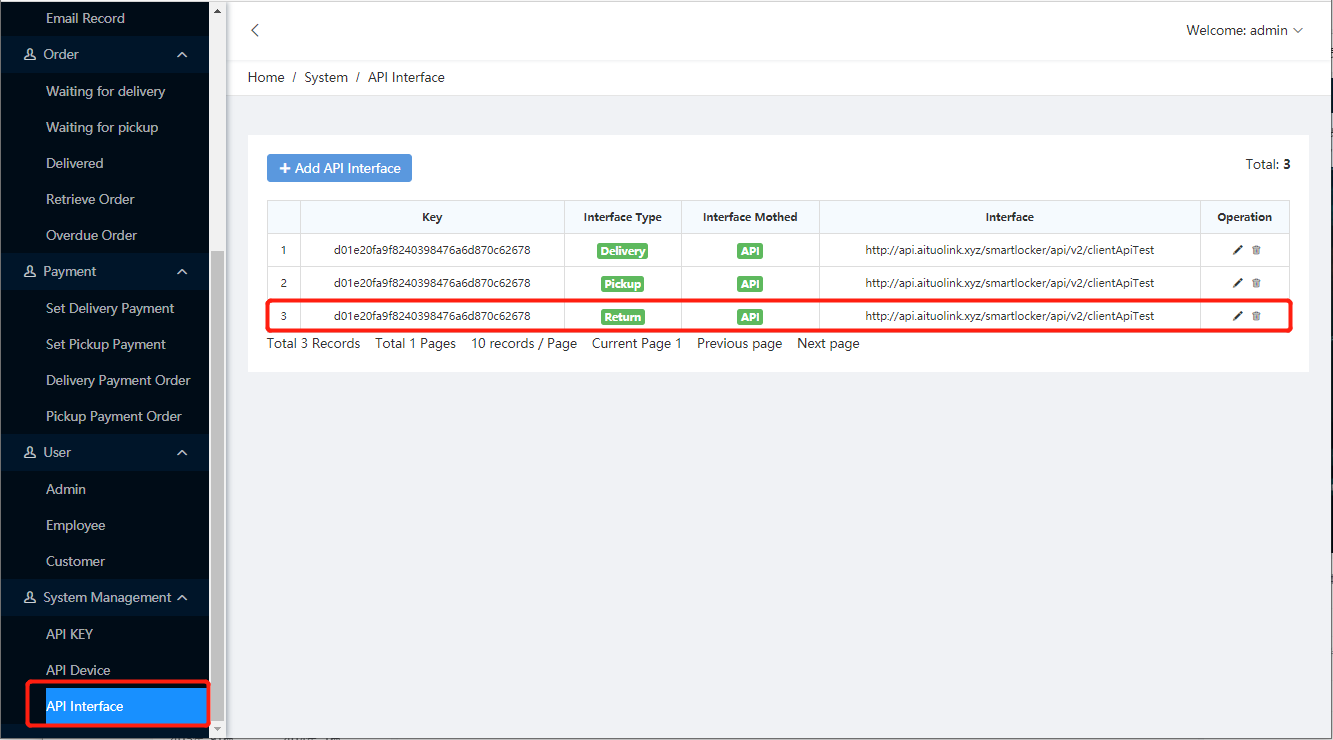
    "msg": "ok",

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |



**3.2.3 Customer Pickup Package**

**客户取件**

HTTP request method: POST

URL:

[http://xxx](http://api.aituolink.xyz/smartlocker/api/v2/service)

Body:

{

    "oType": "1003",

    "tid": "123",

    "userId": "1",

    "deviceNo": "AT1003",

    "boxNo": "1",

    "orderCode": "1",

    "pinCode": "123456"

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| oType | 1003 stands for Pickup Package Notice  1003 客户取件通知命令号 |
| param | 参数 |
| --tid | Unique batching number of this operation, avoid repeat operation  随机码，用于同一个命令多次上传重复判断 |
| --deviceNo | Terminal S/N  设备编号 |
| --boxNo | Box number  格子编号 |
| --orderCode | Unique number for each order  订单号 |
| --pinCode | Pickup PIN  取件码 |

Feedback:

{

    "msg": "ok",

    "code": 0

}

Parameter Explanation:

|  |  |
| --- | --- |
| Key Field: | Description |
| code | 0: success 1:fail 2: exception  0: 成功1:失败2: 异常 |
| msg | Carry out explanantion  返回 成功信息 或者 失败原因 |

