API文档 – 7.13version

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身份验证

Authorization: Token {YOUR_API_KEY}

```
# use curl:
curl -X GET {DOMAIN}/api/inventory/warehouses/ \
    -H "Authorization: Token {YOUR_API_KEY}"

# use python3:
headers = {
    'Authorization': 'Token ' + {YOUR_API_KEY}
}
requests.get('{DOMAIN}/api/inventory/warehouses/', headers=headers)
```

产品模块

获取产品列表

URL: /api/inventory/products/
Method: GET

Request:
GET /api/inventory/products/

Response data example:

```
[{
    "sku": "cus1_test_0001",
    "name": "手机膜 a3390",
    "description": "",
    "dim_length_cm": "14.31",
    "dim_height_cm": "7.09",
    "dim_width_cm": "14.78",
    "weight_kg": "19.75",
    "status": "approved",
    "created_at": "2021-05-09T17:01:35.663583-07:00",
    "updated_at": "2021-05-26T14:56:52.087130-07:00"
}]
```

获取单个产品信息

URL: /api/inventory/products/{PRODUCT-SKU/
Method: GET
PRODUCT-SKU: 产品SKU

Request url example:
GET /api/inventory/products/5145-48184-48154/

Response data example:

```
{
    "sku": "cus1_test_0005",
    "name": "耳机 a6394",
    "description": "",
    "dim_length_cm": "7.42",
    "dim_height_cm": "5.81",
```

```
      "dim_width_cm": "14.19",
      "weight_kg": "1835.16",
      "status": "created",
      "created_at": "2021-05-09T17:01:35.700485-07:00",
      "updated_at": "2021-05-26T15:07:38.294495-07:00"
  }
```

创建产品

URL: /api/inventory/products/
Method: POST

Data参数:

参数名	数据类型	是否必填	说明
sku	string	required	SKU, slug.
name	string	required	产品名
description	string	optional	产品说明
dim_length_cm	float	required	长
dim_width_cm	float	required	宽
dim_height_cm	float	required	高
width_kg	float	required	重量
dim_unit	string(cm/inch)	required	长宽高单位"cm"或者"inch"
weight_unit	string(kg/lb)	required	重量单位"kg"或者"lb"

Request data example:
POST /api/inventory/products/

```
{
    "sku": "cus1_test_0005",
    "name": "耳机 a6394",
    "description": "",
    "dim_length_cm": "7.42",
```

```
      "dim_height_cm": "5.81",
      "dim_width_cm": "14.19",
      "weight_kg": "1835.16",
      "dim_unit": "cm",
      "weight_unit": "kg"
}
```

Response data example:

Response HTTP 400 (失败)

```
{
   "dim_unit": [
      "This field is required."
   ],
   "weight_unit": [
      "This field is required."
   ]
}
```

Response HTTP 200 (成功)

集装箱模块

获取集装箱列表

获取所有集装箱（货柜）：
url: /api/inventory/containers/
method: GET
根据集装箱状态获取集装箱：
url: /api/inventory/containers/?status={YOUR_STATUS}
YOUR_STATUS 可选项：created, submitted, confirmed, arrived, unloaded, returned.
method: GET

Response data example:

```
[
    {
        "warehouse": "rowland2",
        "container_id": "95825496",
        "container_type": "default",
        "priority": "normal",
        "date_eta": null,
        "comment": "",
        "inbounds": [
            {
                "product": "cus1_test_0001",
                "claimed_num_box": 20,
                "claimed_count": 100,
                "comment": "易碎"
            }
        ],
        "status": "created",
        "uuid": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
    },
    {
        "warehouse": "rowland2",
        "container_id": "94733495",
        "container_type": "default",
        "priority": "normal",
        "date_eta": null,
        "comment": "",
        "inbounds": [],
        "status": "created",
        "uuid": "6222bbff-d834-45fd-80fe-9282a40a1f79",
        "date_comfirmed_eta": "2021-05-02",
```

```
      "date_arrival": "2021-06-02",
      "date_unloading": null,
      "date_return": null
  }]
```

Response data 说明：

参数名	数据类型	说明
warehouse	string	目的地仓库名字
container_id	string	客户参考的集装箱（货柜）ID，唯一标识符
container_type	string	集装箱(货柜)类型
priority	string	集装箱优先顺序：normal/high
date_eta	float	预计到达日期
inbounds	float	集装箱(货柜)内的进货货品JSON数据
status	float	集装箱状态，只可能是：created, confirmed, arrived, unloaded, returned 中的其中一个
uuid	float	系统内部参考集装箱ID
date_comfirmed_eta	String(yyyy-mm-dd)	管理员确认集装箱日期
date_arrival	string(yyyy-mm-dd)	集装箱到达目的仓库日期
date_unloading	string(yyyy-mm-dd)	集装箱卸货日期
date_return	string(yyyy-mm-dd)	集装箱返还日期

获取单个集装箱信息

url：/api/inventory/containers/{CONTAINER_ID}/
method：GET

成功response

```
HTTP 200
    {
```

```
        "warehouse": "rowland2",
        "container_id": "80089488",
        "container_type": "default",
        "priority": "normal",
        "date_eta": null,
        "comment": "",
        "inbounds": [],
        "status": "created",
        "uuid": "f7828836-ae41-4bf7-9b5d-e98bad8d881c",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
    }
```

失败response

```
HTTP 404
    {
        "detail": "Not found."
    }
```

新建集装箱

url：/api/inventory/containers/
method：POST

Data参数

参数名	数据类型	是否必填	说明
warehouse	string	require	目的地仓库名字
container_id	string	require	客户参考的集装箱（货柜）id，唯一标识符
container_type	string	require	集装箱（货柜）类型，不确定需填 :default
priority	string	optional	集装箱优先顺序：normal/high
date_eta	string(yyyy-mm-dd)	optional	预计到达日期
comment	string	optional	集装箱（货柜）的备注信息

Request data example:

```
{
        "warehouse": "rowland2",
        "container_id": "80089488",
        "container_type": "default",
        "priority": "normal",
        "date_eta": "2021-06-01",
        "comment": "this is my comment",
    }
```

Response data example:

```
{
        "warehouse": "rowland2",
        "container_id": "80089488",
        "container_type": "default",
        "priority": "normal",
        "date_eta": "2021-06-01",
        "comment": "this is my comment",
        "inbounds": [],
        "status": "created",
        "uuid": "f7828836-ae41-4bf7-9b5d-e98bad8d881c",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
    }
```

修改集装箱

url：/api/inventory/containers/{CONTAINER_UUID}/
method： PUT / PATCH

Data参数

参数名	数据类型	是否必填	说明
warehouse	string	Required	目的地仓库名字
container_id	string	Required	客户参考的集装箱（货柜）ID，唯一标识符
container_type	string	Required	集装箱(货柜）类型，不确定需填：default
priority	string	Optional	集装箱优先顺序：normal/high

date_eta	string(yyyy-mm-dd)	Optional	预计到达日期
comment	string	Optional	集装箱(货柜）的备注信息
inbounds	JSON 参考以下 inbound信息参数	Optional	集装箱(货柜）内的进货货品JSON数据

Inbound 信息参数

参数名	数据类型	是否必填	说明
product	string	require	已经被approved的产品sku
claimed_num_box	int	require	集装箱内装有该产品的box箱子数量
claimed_count	int	require	集装箱内该产品的总数
count_per_box	int	require	每箱的产品数量
comment	string	option *如果claimed_num_box 和count_per_box的乘积不等于claimed_count，此项变成require。	该盒子（box）的备注，例如"易碎品"

Request data example:

```
{
        "warehouse": "rowland2",
        "container_id": "80089488",
        "container_type": "default",
        "priority": "normal",
        "date_eta": "2021-06-01",
        "comment": "this is my comment"
}
```

Response data example:

```
{
        "warehouse": "rowland2",
        "container_id": "80089488",
```

```
        "container_type": "default",
        "priority": "normal",
        "date_eta": "2021-06-01",
        "comment": "this is my comment",
        "inbounds": [],
        "status": "created",
        "uuid": "f7828836-ae41-4bf7-9b5d-e98bad8d881c",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
}
```

删除集装箱

url: /api/inventory/containers/{CONTAINER_UUID}/
CONTAINER_UUID为集装箱的UUID。
method: DELETE
备注*：
只有status为created的集装箱可以被删除。已经被管理员审核通过或者已经发出去的集装箱（货柜）无法删除。

进货清单（inbound）信息增删改

进货清单集装箱内盒子（inbound）信息增删改

Data参数:

参数名	数据类型	是否必填	说明
container	string	required	客户参考的集装箱（货柜)id, 唯一标识符
product	string	required	产品的sku
claimed_num_box	int	required	装有该产品的箱子数量
count_per_box	int	required	每个箱子里有多少个该产品
claimed_total_count	int	required	产品总数
comment	string	optional	备注信息，如果总数不等于箱子数量x每个箱子的产品数，

inbounds	json data 参考以下 inbound 信息参数	optional	集装箱（货柜）内的进货货品json数据

inbound 信息参数

参数名	数据类型	是否必填	说明
container	string	require	集装箱的uuid
product	string	require	已经被approved的产品sku
claimed_num_box	int	require	集装箱内装有该产品的box箱子数量
claimed_count	int	require	集装箱内该产品的总数
count_per_box	int	require	每箱的产品数量
comment	string	option *如果claimed_num_box 和count_per_box的乘积不等于 claimed_count，此项变成require。	该盒子（box）的备注，例如"易碎品"

Request example（Raise Error）：

因为 claimed_total_count != count_per_box x claimed_num_box. 且comment为空，所以报错。

```
request
    {
        "container": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "product": "cus1_test_0001",
        "claimed_num_box": 3,
        "count_per_box": 5,
        "claimed_total_count": 100
    }
response
    {
        "count_per_box, claimed_total_count, claimed_num_box are not match"
    }
```

Success request example:

```
request
    {
        "container": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "product": "cus1_test_0001",
        "claimed_num_box": 20,
        "count_per_box": 5,
        "claimed_total_count": 100,
        "comment": "易碎"
    }
response
    {
        "warehouse": "rowland2",
        "container_id": "95825496",
        "container_type": "default",
        "priority": "normal",
        "date_eta": null,
        "comment": "",
        "inbounds": [
            {
                "product": "cus1_test_0001",
                "claimed_num_box": 20,
                "claimed_count": 100,
                "comment": "易碎"
            }
        ],
        "status": "created",
        "uuid": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
    }
```

删除该箱子（inbound）

把 claimed_total_count 设为0 就可以删除这个产品的箱子(inbound)。

```
request
    {
        "container": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "product": "cus1_test_0001",
        "claimed_num_box": 20,
        "count_per_box": 5,
        "claimed_total_count": 0,
    }
response
    {
        "warehouse": "rowland2",
        "container_id": "95825496",
```

```
        "container_type": "default",
        "priority": "normal",
        "date_eta": null,
        "comment": "",
        "status": "created",
        "uuid": "9277e778-083b-4020-9d85-aa8ff00f5564",
        "date_comfirmed_eta": null,
        "date_arrival": null,
        "date_unloading": null,
        "date_return": null
    }
```

B2C订单模块

获取订单列表

Response Example: (Without status filter)

url： /api/sales/b2corders/
method： GET

```json
[
  {
    "uuid": "c30d9772-0e44-4cb1-9b47-70f828ecc5f9",
    "status": "processed",
    "created_at": "2021-05-19T16:56:03.317645-07:00",
    "product": "4fa",
    "order_date": "2021-05-26",
    "qty": 5,
    "order_num": "7b3eac89-5eed-4a20-b1b9-1dc01a602ed6",
    "warehouse": "irvine",
    "recipient_addr": {
      "name": "default name",
      "email": "kiki@kk.com",
      "phone": "2344445656",
      "company": "",
      "street1": "stree address",
      "street2": "",
      "country": "US",
      "state": "CA",
      "city": "los angeles",
      "zip_code": "48673"
    },
    "itemstr": "电脑 p1439x5",
    "shipment": {
      "tracking_number": "83717261755",
      "courier": "usps"
    }
  },
```

```
    {

        "uuid": "037b5e7a-af59-46d4-94ff-936e2094912c",

        "status": "rejected",

        "created_at": "2021-05-19T16:56:03.317645-07:00",

        "product": "4fa",

        "order_date": null,

        "qty": 5,

        "order_num": "992f6db9-cf89-445c-8ca3-b6c8b2fe35b4",

        "warehouse": "irvine",

        "recipient_addr": {

            "name": "default name",

            "email": "",

            "phone": "7878867878",

            "company": "",

            "street1": "stree address",

            "street2": "",

            "country": "US",

            "state": "CA",

            "city": "los an",

            "zip_code": "48673"

        },

        "itemstr": "电脑 p1439x5",

        "shipment": null

    }

    ]
```

Response Example: (With status filter)

接收status为参数的获取列表
url: /api/sales/b2corders/?status={YOUR_STATUS}
YOUR_STATUS值可选项： created, processed, confirmed, rejected

```
[

  {

        "uuid": "669a191e-e9aa-4a70-b84b-963b520bdcfc",

        "status": "created",

        "created_at": "2021-05-19T16:56:03.337592-07:00",

        "product": "83940000492",
```

```
    "order_date": null,

    "qty": 6,

    "order_num": "480eefaa-b551-4391-aab9-559bbdfe8c4b",

    "warehouse": "irvine",

    "recipient_addr": {

        "name": "default name",

        "email": "",

        "phone": "not provided",

        "company": "",

        "street1": "stree address",

        "street2": "",

        "country": "US",

        "state": "CA",

        "city": "los an",

        "zip_code": "48673"

    },

    "itemstr": "手机膜 uu0784x6",

    "shipment": null

  }

]
```

获取单个订单信息

url: /api/sales/b2corders/{UUID}/
UUID 为订单的uuid
method: GET

Response example:
```
{
        "uuid": "233b17e4-ae6a-4b28-8841-55a01008a837",
        "status": "processed",
        "created_at": "2021-05-19T16:55:08.645143-07:00",
        "product": "5d39deea-432b-4f60-99f2-636d2e12cfa8",
        "order_date": null,
        "qty": 5,
        "order_num": "da197fb1-30de-4e1d-8bd1-a803c38163f6",
        "warehouse": "ee527b2a-d5cf-480f-aaa8-e59f9bdee950",
        "recipient_addr": {
```

```
            "name": "default name",
            "email": "",
            "phone": "not provided",
            "company": "",
            "street1": "stree address",
            "street2": "",
            "country": "US",
            "state": "CA",
            "city": "los an",
            "zip_code": "48673"
        },
        "warehosue": "rowland2",
        "itemstr": "手机壳 sk7171x5",
        "shipment": {
            "tracking_number": "82531069261",
            "courier": "ups"
        }
    }
```

新建订单

url: /api/sales/b2corders/
method: POST

Data参数:

参数名	数据类型	是否必填	说明
product	string	Required	已经被approved的产品SKU
qty	int	Required	产品的数量
order_num	string	Required	订单编号
warehouse	String	Required	发货的仓库名字
recipient_addr	Json (参考以下收货人信息参数表格)	Required	收货人信息

收货人信息参数表格

参数名	数据类型	是否必填	说明

name	string	required	收货人姓名
email	string	optional	收货人邮箱
phone	string	optional	收货人电话
company	string	optional	收货人公司
street1	string	required	收货人街道
street2	string	optional	收货人街道信息补充，如单元号等
city	string	required	收货人城市
state	string	required	收货人州/省份
zip_code	string	required	收货人地址邮编
country	string	required	收货人所在国家

Request data example

```json
{
        "product": "cus1_test_0004",
        "order_date": "2021-05-10",
        "qty": 1,
        "order_num": "29d67323-0501-46ff-9c38-ee1baeae206b",
        "warehouse": "queen1",
        "recipient_addr": {
            "name": "default name",
            "email": "",
            "phone": "not provided",
            "company": "",
            "street1": "stree address",
            "street2": "",
            "country": "US",
            "state": "CA",
            "city": "los an",
            "zip_code": "48673"
        }
    }
```

Response data example

```json
{
        "uuid": "bf3b2058-030b-4c48-82e2-57f6dcab3ce8",
        "status": "created",
        "created_at": "2021-05-26T17:45:18.346961-07:00",
        "product": "cus1_test_0004",
```

```
        "order_date": "2021-05-10",
        "qty": 1,
        "order_num": "29d67323-0501-46ff-9c38-ee1baeae206b",
        "warehouse": "queen1",
        "recipient_addr": {
            "name": "default name",
            "email": "",
            "phone": "not provided",
            "company": "",
            "street1": "stree address",
            "street2": "",
            "country": "US",
            "state": "CA",
            "city": "los an",
            "zip_code": "48673"
        },
        "itemstr": "手机壳 uu3523x1",
        "shipment": null
    }
```

Bad Request

如果用户提交的Product SKU为为被管理员通过的产品，会返回 HTTP 400 Bad Request.

```
[

    "Product is not approved to create order."

]
```

编辑更新订单

url: /api/sales/b2corders/{ORDER-UUID}/
method: POST

Data参数：

参考 新建订单Data参数表格

FBA订单模块

获取订单列表

URL: /api/sales/fbaorders/
method：GET
sample response:

```
[{
        "warehouse": "E3-Edison2",
        "product": "USA87654321",
        "order_num": "FBA1695G3VQH",
        "order_type": "AamazonUPS",
        "order_date": "2021-07-15",
        "warehouse_code": "JVL1",
        "count": 311,
        "qty_per_box": 1,
        "qty_box": 311,
        "operation_warehouse": "Box+ProductLabel",
        "info": ""
    },
    {
        "warehouse": "E3-Edison2",
        "product": "USA12345678",
        "order_num": "FBA1234566",
        "order_type": "AamazonUPS",
        "order_date": "2021-07-15",
        "warehouse_code": "RIC1",
        "count": 367,
        "qty_per_box": 1,
        "qty_box": 367,
        "operation_warehouse": "Box+ProductLabel",
        "info": "",
        "uuid": "a1c1dc77-7cb8-4caf-a024-1b92970125d6"
    }]
```

新建FBA订单

url: /api/sales/fbaorders/
method: POST

Data参数:

参数名	数据类型	是否必填	说明
product	string	Required	已经被approved的产品SKU
count	int	Required	产品总数量
qty_per_box	int	required	每箱产品数

qty_box	int	required	箱子总数
order_num	string	Required	订单编号
order_date	string(yyyy-mm-dd)	Required	订单日期
warehouse_code	string	required	仓库代码
warehouse	String	Required	发货的仓库名字
recipient_address	Json (参考以下收货人信息参数表格)	optional	收货人信息
operation_warehouse	String(参考说明)	required	是否换箱唛, 条码 换条码: **BoxLabel** 换条码和箱唛: **Box+ProductLabel** 保持不换: **none**
order_type	string(参考说明)	required	订单种类: **AmazonUPS** **AmazonPickup** **AmazonLTL**
file_uploaded	File	optional	备注文件

收货人信息参数表格

参数名	数据类型	是否必填	说明
name	string	required	收货人姓名
email	string	optional	收货人邮箱
phone	string	optional	收货人电话
company	string	optional	收货人公司
street1	string	required	收货人街道

street2	string	optional	收货人街道信息补充，如单元号等
city	string	required	收货人城市
state	string	required	收货人州/省份
zip_code	string	required	收货人地址邮编
country	string	required	收货人所在国家(US)

仓库/库存模块

获取仓库列表

URL：/api/inventory/warehouses/
METHOD: GET
获取与个人账号有业务关联的仓库列表

Response data example

```
[
    {
        "name": "rowland2"
    },
    {
        "name": "Denver1"
    },
    {
        "name": "queen1"
    }
]
```

查看库存

URL: /api/inventory/query/{WAREHOUSE_NAME}/
METHOD: GET.
参数表:

参数名	数据类型	是否必填	说明
sku	string	Optional	产品SKU

若提供sku, 则返回该产品在该仓库库存, 若未提供sku, 则返回改仓库所有产品库存.

Sample Response:
提供sku参数:

```
{
    "warehouse": "E3-Edison2",

    "stock": 390,

    "SKU": "USATCN1004560",

    "product_name": "Homfa HMD-072 收纳盒四层16盒 灰色"

}
```

未找到产品:
http 400:

```
[
    "stock not found."
]
```

未提供sku参数:

```
[
    {

        "warehouse": "E3-Edison2",

        "stock": 390,

        "product_name": "Homfa HMD-072 收纳盒四层16盒 灰色",

        "sku": "USATCN1004560"

    },

    {

        "warehouse": "E3-Edison2",

        "stock": 174,

        "product_name": "Homfa HMD-041 全面镜柜",

        "sku": "USATCN1008165"

    }
```

]