Developer's Manual of SETP_Label_V14

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Contents

1. Query PTL Tags Information

Introduction to the API

Query all PTL tags information

Basic Information

Attributes	Interface Information
Status	Finished
URL	http://localhost/wms/associate/getTagsMsg
Request Method	GET/POST
Content-Type	multipart/form-data

Request parameters

Parameter Description

Attributes	Value	Required	Comment

Response parameters

Attributes	Value	Types	Comment
Last Operate Time	"2021-10-13 03:32:30"	String	Last Operate Time
mac	"99.97.36.55"	String	Tag mac/ Tag ID
power	100	String	Battery power(0~100)
routerid	CWR000001	String	ID of Bind Router
rssi	-26	Int	Signal strength (-100 ~ 0)
showStyle	"Picking Template"	String	Using template

Response example

```
[
    {
        "lastOpreateTime": "2021-10-13 03:32:29",
        "mac": "99.97.36.55",
        "power": 100,
        "routerid": "CWR000001",
        "rssi": -30,
        "showStyle": "Picking Template"
    },
    {
        "lastOpreateTime": "2021-10-13 03:32:30",
        "mac": "99.97.36.53",
        "power": 100,
        "routerid": "CWR000001",
        "rssi": -26,
        "showStyle": "Picking Template"
    },
    {
        "lastOpreateTime": "2021-10-13 03:32:33",
        "mac": "99.97.36.48",
        "power": 88,
        "routerid": "CWR000001",
        "rssi": -39,
        "showStyle": "Picking Template"
    }
]
```

2. Update PTL Screen display

Introduction to the API

Update PTL Screen display

Basic Information

Attributes	Interface Information
Status	Finished
URL	http://localhost/wms/associate/updateScreenMovingTags
Request Method	POST
Content-Type	application/json

Request parameters

Parameter Description

Attributes	Types	Required	Comment
mac	String	Yes	Tag mac/ Tag ID
styleid	int	Yes	Template ID
outtime	Int	Yes	Lighting timeout time(s); 0: never turn off n: turn off autoAutomatically after n seconds
ledstate	Int	Yes	lighting mode; 0, always on 1, quick flash 2, slow flash
ledrgb	string	Yes	led color: red, ledrgb='ff0000'; green, ledrgb='ff00'; blue, ledrgb='ff'; yellow, ledrgb='ffff00'; white, ledrgb='ffffff'; purple, ledrgb='ff00ff'; light blue, ledrgb='ffff'; no color, ledrgb='0'
Cmdtoken	string	optional	Extended parameters, it can use for token or taskid
LGPLA	string	optional	Filed created in template
MATNR	string	optional	Filed created in template
STOCK	string	optional	Filed created in template
MENGE	string	optional	Filed created in template
QRCODE	string	optional	Filed created in template

Raw example

```
[
  {
    "mac":"99.96.19.66",
    "styleid":35,
    "ledrgb":"ff00",
    "ledstate":0,
    "outtime":0,
```

```
    "LGPLA":"***",
    "MATNR":"***",
    "KNMAT":"***",
    "STOCK":"***",
    "BATCH":"***",
    "MENGE":"***",
    "QRCODE":"***",
    "Inventec":"***"
  },
  {
    "mac":"99.96.19.65",
    "styleid":35,
    "ledrgb":"ff00",
    "ledstate":0,
    "outtime":0,
    "LGPLA":"***",
    "MATNR":"***",
    "KNMAT":"***",
    "STOCK":"***",
    "BATCH":"***",
    "MENGE":"***",
    "QRCODE":"***",
    "Inventec":"***"
  }
  ]
```

Response parameters

Attributes	Value	Types	Comment

Response example

```
    true
```

Note: The fields parameters are according the according to the template you used.

This API does not support lighting Leds of SETP_Label_V16, only refreshing the

screen.

3. Callback of Update Screenresult

Introduction to the API

Notification the update result of PTL

Basic Information

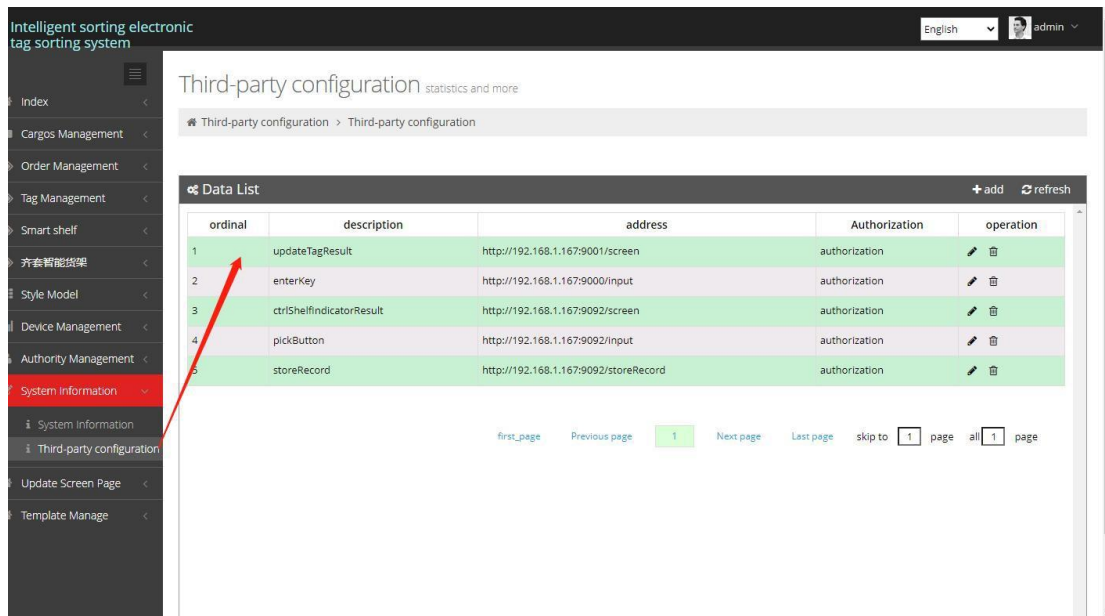| Attributes	Interface Information
Status	Finished
URL	URL of user's callback API
Request Method	POST
Content-Type	application/json

Request parameters

Parameter Description

Attributes	Types	Required	Comment
mac	string	yes	Tag mac/ Tag ID
power	int	yes	Battery power(0~100)
result	bool	yes	True: ok; False: failed;
cmdtoken	string	optional	Return the cmdtoken passed in the call request
lednum	string	optional	No use
message	int	yes	数据成功；(send ok) 数据失败；(send failed) 数据发送超时；(send timeout) 唤醒失败；(wake up failed) 基站不在线；(router offline) 数据异常；(Abnormal data) 数据格式不正确，解析失败；(incorrect data format) 参数格式不正确或参数不全；(Missing required parameters) 无法执行；(Unable to execute) 标签不存在；(Tag does not exist)

Parameters example

```
{"cmdtoken":"1634826092022","lednum":0,"mac":"99.26.99.36","message":" 数 据 成 功
","power":100,"result":true}
```

4. Setting URL of user's callback API

Login wms system with admin user, go to 'System information' → 'Third-party

configuration', you can config the Callback URL here:

Feedback Type	Description	Address
Callback of UpdateScreen result	UpdateTagResult	URL of user's callback API