

2024

# ESL System API Manual

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# 1. Query ESL Tags Information

## Introduction to the API:

Query all ESL tags information

### Basic Information:

Attributes	Interface Information
Status	Finished
URL	<a href="http://localhost/esls_new/associate/getTagsMsg">http://localhost/esls_new/associate/getTagsMsg</a>
Request Method	GET/POST
Content-Type	multipart/form-data

### Request parameters:

Parameter Description:

Attributes	Value	Required	Comment

### Response parameters:

Attributes	Value	Types	Comment
lastOpreateTime	"2021-10-13 03:32:30"	string	Last opreate Tlme
mac	"99.97.36.55"	string	Tag mac/Tag ID
power	100	int	Battery power(0~100)
routerid	"168"	string	ID of BindRouter
rsssi	-52	int	Signal strength(-100 ~ 0)
showStyle	"template1"	string	Using templatename

## Response example:

```
[
{"lastOpreateTime": "2022-03-29
02:33:25", "mac": "92.91.58.90", "power": 100, "routerid": "168", "rssi": 47.0, "showStyle": \
"template1"}, {"lastOpreateTime": "2022-03-29
02:33:26", "mac": "92.91.56.05", "power": 100, "routerid": "168", "rssi": 52.0, "showStyle": \
"template1"}, {"lastOpreateTime": "2022-03-29
02:33:27", "mac": "92.91.56.06", "power": 100, "routerid": "168", "rssi": 50.0, "showStyle": \
"template1"}
]
```

## 2. Update screen display

### Introduction to the API:

Update ESL screen display

### Basic Information:

Attributes	Interface Information
Status	Finished
URL	<a href="http://localhost/esls_new/associate/updateScreen">http://localhost/esls_new/associate/updateScreen</a>
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
mappingtype	int	optional	Field mapping type
corpName	string	optional	Filed created in template
engListCorpName	string	optional	Filed created in template

userName	string	optional	Filed created in template
empNo	string	optional	Filed created in template
deptName	string	optional	Filed created in template

**Raw example:**

```
[
  { "mac": "99.99.33.35",
    "mappingtype": 1, "styleid": 10,
    "corpName": "China mobile company", "engListCorpName": "Chinamobile Financial
    Technology Co.ltd", "userName": "Wangwei",
    "empNo": "12345678",
    "deptName": "R & D Center"

    "mac": "99.99.25.33",
    "mappingtype": 1, "styleid": 10,
    "corpName": "China mobile company", "engListCorpName": "Chinamobile Financial
    Technology Co.ltd", "userName": "Zhaoshuai",
    "empNo": "12345679",
    "deptName": "Electronic channel operation center"
  }
]
```

**Response parameters:**

Attributes	Value	Types	Comment

**Response example:**

```
true
```

**Note:** The fields parameters are according the according to the template youused.

### 3. Callback of Update Screen result

#### 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;

#### Parameters example:

```
{"mac": "99.99.33.35", "power": 100, "result": true}
```

#### Response parameters:

Attributes	Value	Types	Comment

#### Response example:

```
true
```