**Traxbean**

**API**

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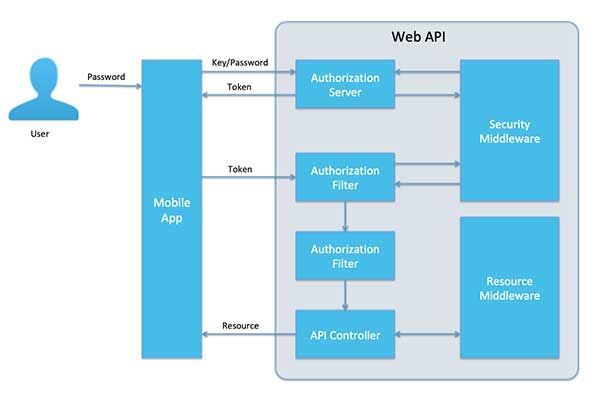
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# Introduction

## About Traxbean API

Traxbean API is designed to provide data interfaces to third-party systems. If you need to display data from Traxbean in your own system, you can utilize the Traxbean API. To access these APIs, you will need to have a login username and password in Traxbean and generate a token. The Traxbean API is built with a high level of security to ensure safe data retrieval and interaction.



## Quick Start

* Request Url : <https://napi.5gcity.com/>
* Request Method: Post/Get
* Response Format: Json

# User

## Login

* Description: Description: To log in to the system, use the username and password to obtain a token after authentication. This token will be used for secure authentication in subsequent API calls. Without a valid token, other API calls cannot be made
* Request Url： /app/traxbean/login
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| user-agent | String | user-agent information |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| username | String |  |
| password | String |  |
| clientId | String | For app push notification |
| {  "username": "traxbean",  "password": "123456",  "clientId": "512bf8b3e373feada9534857d4c8b757"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| token | String | The returned token is used as the Authorization parameter in the header of subsequent API calls |
| user | Object | User info |
| code | Number | Return 200 is success |
| Message | String |  |
| {  "data": {  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1aWQiOjI3LCJwdiI6MSwiaWF0IjoxNzA3MzE5ODM5fQ.s0AGItb1lL2iq6rXaueoCvwyK2TZgFq\_mEDVQQK0lrc",  "user": {  "createdAt": "2023-08-09 00:38:24",  "updatedAt": "2023-08-09 01:14:36",  "id": 27,  "departmentId": 13,  "userType": 1,  "name": "traxbean",  "username": "traxbean",  "password": "",  "psalt": "",  "nickName": "nick",  "headImg": "https://files.amber360.com/user\_photo/1691514876252.png?101,512,512",  "email": "nick@thinkrace.com",  "phone": "123",  "remark": "124",  "status": 1  }  },  "code": 200,  "message": "success"  } | | |

## Signup

* Description: Register a user with a username and password
* Request Url： /app/traxbean/signup
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
|  |  |  |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| username | String |  |
| password | String |  |
| code | String | Orgcode can be left blank. If the correct orgcode is filled in, the user will be assigned to the specified department upon registration. If it is not filled in, the user will need to go through backend approval before being assigned to the specified department for management. |
| nickname | String |  |
| email | String |  |
| subject | String | Email subject sent to the user |
| content | String | Email content sent to the user |
|  |  |  |
| {  "code": "abdX",  "username": "nickt",  "nickname": "nick",  "email": "nickt@traxbean.com",  "password": "1234",  "subject": "Signip",  "content": "your username is [username]"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Number | 1 successful, 0 fail |
| code | Number | Return 200 is success |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## SendCode

* Description: The first step to forget the password is to enter the email address to receive the verification code
* Request Url： /app/traxbean/sendCode
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
|  |  |  |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| email | String |  |
| subject | String | Email subject sent to the user |
| content | String | Email content sent to the user |
|  |  |  |
| {  "email": "nickt@traxbean.com",  "subject": "forget password",  "content": "your code is [123456]"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Number | 1 indicates success, and other values indicate failure. Failure may be due to the email address not being found. |
| code | Number | Return 200 is success |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## forgetPassword

* Description: The second step to forget the password is to enter the verification code to reset the password.
* Request Url： /app/traxbean/sendCode
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
|  |  |  |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| email | String |  |
| code | String | Verify code |
| password | String | New password |
|  |  |  |
| {  "email": "nickt@traxbean.com",  "code": "123456",  "password": "newPass"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Number | 1 indicates success, and other values indicate failure. Failure may be due to the incorrect verification code. |
| code | Number | Return 200 is success |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

# Targets

## List Target

* Description: get the targets that the currently logged-in user has permission to view
* Request Url： /app/traxbean/listTarget
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| type | String | By default 0 |
| userId | String | userId |
| {    "type": 0,    "userId": 1  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Return target object |
| {      "data": [          {              "avatar": "https://files.amber360.com/target\_photo/1690963166226.jpeg?93,240,320",              "id": 6,              "firstName": "Rick",              "lastName": "Tang",              "targetType": 1,              "lat": 24.4796,              "lng": 118.093,              "utcTime": "2023-08-05 16:55:09",              "utcTimestamp": "1691225709000",              "battery": 88,              "strap": 0          },  } | | |

## List Target Health

* Description: get target list with health information, and status updates that the currently logged-in user has permission to view.
* Request Url： /app/traxbean/listTargetHealth
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| type | String |  |
| userId | String | UserId |
| {    "type": 0,    "userId": 1  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Target object |
| firstname | String |  |
| lastname | String |  |
| Avatar | String | Avatar |
| heartrate | number | Heartrate |
| bloodoxygen | number |  |
| temperature | number |  |
| steps | number |  |
| diastolic | number |  |
| systolic | number |  |
| {      "data": [         {              "createdAt": "2023-05-30 22:39:22",              "updatedAt": "2023-11-29 21:20:12",              "id": 4,              "userId": 1,              "targetType": 1,              "departmentId": 1,              "firstName": "Tom",              "lastName": "Fang",              "gender": 1,              "weight": 45,              "height": 45,              "birthday": "1956-08-24 22:39:14",              "country": "中国",              "province": "USA/Canada",              "city": "shenzhen",              "address": "Haiyue 5031",              "zip": "45",              "passport": "45",              "phone": "+8613602585716",              "email": "rick.tang@thinkrace.com",              "avatar": "https://files.amber360.com/target\_photo/1690963134784.png?91,400,405",              "remark": "4545",              "status": 1,              "isdeleted": 0,              "imei": "868800001591312",              "fileId": 0,              "utcTimestamp": "1697937685016",              "endedAt": "2023-08-08 08:56:37",              "radius": **null**,              "startDate": **null**,              "endDate": **null**,              "weekDays": "",              "timeRange": "",              "closeNote": "",              "level": **null**,              "repeat": **null**,              "features": "message,heartrate,temperature,position,sos,strap,restart,shutdown",              "tags": "",              "startTime": "",              "endTime": "",              "timeOffset": 8,              "heartrate": 80,              "bloodoxygen": 98,              "temperature": 37.1,              "steps": 5102,              "diastolic": 73,              "systolic": 126          }  } | | |

## Get Target Info

* Description: get single target information
* Request Url： /app/traxbean/getTargetInfo
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| {  "targetId": 6  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Target information |
| firstname | String |  |
| lastname | String |  |
| Avatar | String |  |
| heartrate | number |  |
| bloodoxygen | number |  |
| temperature | number |  |
| steps | number |  |
| diastolic | number |  |
| systolic | number |  |
| battery | Number |  |
| strap | Number |  |
| signal | Number |  |
| lat | Number |  |
| lng | Number |  |
| {      "data": [          {              "imei": "658800001591312",              "id": 6,              "firstName": "Rick",              "lastName": "Tang",              "avatar": "https://files.amber360.com/target\_photo/1690963166226.jpeg?93,240,320",              "phone": "+8613602585716",              "lat": 24.4796,              "lng": 118.093,              "utcTime": "2023-08-05 16:55:09",              "utcTimestamp": "1691225709000",              "battery": 88,              "strap": 0,              "signal": 88,              "heartrate": 77,              "bloodoxygen": 91,              "steps": 5102,              "photos": **null**,              "temperature": 36.5,              "systolic": 130,              "diastolic": 80          }      ],      "code": 200,      "message": "success"  } | | |

## Get Target Features

* Description: get the supported features of the watch worn by a single target
* Request Url： /app/traxbean/getTargetFeatures
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| {  "targetId": 6  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Target info |
| firstname | String |  |
| lastname | String |  |
| Avatar | String |  |
| modelName | number | Model name |
| features | number | Support features |
| {      "data": [          {              "id": 6,              "firstName": "Rick",              "lastName": "Tang",              "avatar": "https://files.amber360.com/target\_photo/1690963166226.jpeg?93,240,320",              "modelName": "PT400",              "features": "message,heartrate,temperature,position,sos,strap,restart,shutdown"          }      ],      "code": 200,      "message": "success"  } | | |

## Upload Photo

* Description: upload avatar for target
* Request Url： /app/traxbean/uploadPhoto
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number | targetId |
| Photo | String | Base64 for the photo |
| {  " targetId ": 686,  "photo": "string"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| code | String | Return 200 is successful |
| message | String |  |
| {  "code": 200,  "message": "success"  } | | |

## List Photo

* Description: list the photo of the target
* Request Url： /app/traxbean/listPhoto
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| {  " targetId ": 686  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Data | [] | Photo list |
| code | String | Return 200 is successful |
| message | String |  |
| {  "data": [  {  "createdAt": "2023-07-31 18:23:39",  "updatedAt": "2023-07-31 18:23:39",  "id": 3,  "targetId": 7,  "userId": 1,  "fileId": 89,  "lat": 0,  "lng": 0,  "fileType": "png",  "fileName": "https://files.amber360.com/target\_photo/1690799019148.png",  "source": "app",  "description": "",  "imei": "35880000159131",  "type": 1  }  ],  "code": 200,  "message": "success"  } | | |

# Tracking

## Indoor location

* Description: get target indoor location
* Request Url： /app/traxbean/getGeoLocationLK
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| {  "targetId": 6  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| siteName | Object | Buiding name |
| floorName | String | Floor name |
| map | String | Floor map link |
| height | Number | Floor map height |
| width | number | Floor map width |
| x | number | X position for map |
| y | Number | Y position for map |
| {      "data": {          "x": 380,          "y": 1143,          "utcTime": "2023-07-29 17:42:27",          "utcTimestamp": "1690623747366",          "siteName": "Seaview Site",          "floorName": "104-2",          "map": "https://files.amber360.com/geofloor\_photo/1690621332660.png?86,1147,1280",          "height": 1280,          "width": 1147      },      "code": 200,      "message": "success"  } | | |

## Playback Exist

* Description: get the historical location of a single target for a specific day in a particular month.
* Request Url： /app/traxbean/playbackExist
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| Year | Number |  |
| Month | Number |  |
| {    "targetId": 6,    "year":2023,    "month":8  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | [] | Which day has day |
| {      "data": [          5      ],      "code": 200,      "message": "success"  } | | |

## Playback

* Description: get the historical location of a single target for a specific day.
* Request Url： /app/traxbean/playback
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| Year | Number |  |
| Month | Number |  |
| Day | Number |  |
| {    "targetId": 6,    "year":2023,    "month":8,    "day":5  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | [] | Location data |
| {      "data": [          {              "utcTime": "2023-08-05 15:13:53",              "lat": 24.4919,              "lng": 118.089,              "speed": 0,              "alt": 0,              "dir": 0,              "timestamp": "1691219633000",              "utc": 1691219633,              "time": **null**,              "heading": 0,              "info": []          },          {              "utcTime": "2023-08-05 15:15:53",              "lat": 24.492,              "lng": 118.092,              "speed": 0,              "alt": 0,              "dir": 0,              "timestamp": "1691219753000",              "utc": 1691219753,              "time": **null**,              "heading": 0,              "info": []          },      ],      "code": 200,      "message": "success"  } | | |

## Tracking

* Description: get the realtime location of a single target
* Request Url： /app/traxbean/tracking
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| startTime | Number |  |
| endTime | Number |  |
| {    "targetId": 6,    "startTime": "2024-02-08T09:38:45.383Z",  "endTime": "2024-02-08T09:39:45.383Z"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | [] | location |
| {      "data": [          {              "utcTime": "2023-08-05 15:13:53",              "lat": 24.4919,              "lng": 118.089,              "speed": 0,              "alt": 0,              "dir": 0,              "timestamp": "1691219633000",              "utc": 1691219633,              "time": **null**,              "heading": 0,              "info": []          },          {              "utcTime": "2023-08-05 15:15:53",              "lat": 24.492,              "lng": 118.092,              "speed": 0,              "alt": 0,              "dir": 0,              "timestamp": "1691219753000",              "utc": 1691219753,              "time": **null**,              "heading": 0,              "info": []          },      ],      "code": 200,      "message": "success"  } | | |

## List Geofence

* Description: get the list of geofence for a single target.
* Request Url： /app/traxbean/listGeofence
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| {  "targetId": 6  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Target info |
| name | String | Name |
| description | String | description |
| geofenceType | Number | 1 circle 2 polygen |
| Radius | number |  |
| Lat | number | Lat |
| Lng | Number | Lng |
| Address | String |  |
| pointStr | String | Multiple points string |
| {      "data": [          {              "createdAt": "2023-08-05 19:21:33",              "updatedAt": "2023-08-05 19:21:33",              "id": 13,              "userId": 1,              "geofenceType": 2,              "targetId": 6,              "name": "厦门",              "description": "test",              "radius": 0,              "lat": 24.4883,              "lng": 118.103,              "address": "",              "status": 1,              "isdeleted": 0,              "pointStr": "24.49164,118.101439|24.48957,118.107405|24.484922,118.10689|24.484102,118.099809|24.48793,118.098736|24.49164,118.101439"          }      ],      "code": 200,      "message": "success"  } | | |

# Alarms

## List Alarms

* Description: get the alarm information that the currently logged-in user has permission to view.
* Request Url： /app/traxbean/listAlarm
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| lang | String | Current login language |
| userId | String |  |
| startTime | String |  |
| endTime | String |  |
| {  "userId": 0,  "lang": "string",  "startTime": "2024-02-08T09:42:30.058Z",  "endTime": "2024-02-08T09:42:30.058Z"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| firstName | String |  |
| lastName | String |  |
| alarmType | Number | Alarm Type |
| alarm | String | Alarm Name |
| Avatar | String | Target avatar |
| Lat | Number |  |
| Lng | Number |  |
| {  "data": [  {  "createdAt": "2024-02-06 00:00:23",  "updatedAt": "2024-02-06 00:00:23",  "targetId": 11,  "imei": "35880000159134",  "status": 0,  "lat": 24.49,  "lng": 118.115,  "utcTime": "2024-02-06 00:00:00",  "clearTime": null,  "deleteTime": null,  "isDeleted": 0,  "note": "",  "meta": "{\"day\":184,\"hour\":8,\"minute\":0}",  "address": "",  "id": 732,  "alarmType": 1020,  "geofenceId": 0,  "utcTimestamp": "1707148800050",  "clearTimestamp": null,  "deleteTimestamp": null,  "indoorData": null,  "geofenceName": null,  "firstName": "Golden",  "lastName": "Smith",  "avatar": "https://files.amber360.com/target\_photo/1690963178939.jpeg?94,256,256",  "targetType": 1,  "ar": "غير متصل",  "cn": "离线",  "en": "Offline",  "es": "Sin conexión",  "fr": "Hors ligne",  "ja": "オフライン",  "ko": "오프라인",  "pt": "Offline",  "ru": "Офлайн",  "alarm": "Offline"  }  ],  "code": 200,  "message": "success"  } | | |

## Get Simple Alarm

* Description: 获得单个alarm信息
* Request Url： /app/traxbean/getSimpleAlarm
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Id | Number | Alarm Id |
| {  "id": 686  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| firstName | String |  |
| lastName | String |  |
| alarmType | Number | Alarm Type |
| alarmName | String | Alarm Name |
| Avatar | String | Target Avatar |
| Lat | Number |  |
| Lng | Number |  |
| {  "data": {  "alarmId": 686,  "targetId": 14,  "targetType": 2,  "avatar": "https://files.amber360.com/target\_photo/1701222953338.png",  "alarmName": "离线",  "lat": 22.5078,  "lng": 113.922,  "localTime": "2024/2/2 00:47:36",  "geofenceName": "",  "name": "Cindy Gu",  "meta": "{\"day\":53,\"hour\":3,\"minute\":0}",  "address": "China, Guang Dong Sheng, Shen Zhen Shi, Nan Shan Qu, Nanyou, 内环路 邮政编码: 518064",  "note": "",  "geofenceMeta": "",  "alarmType": 1020,  "status": 1,  "utcTimestamp": "1706806056323",  "indoorData": null  },  "code": 200,  "message": "success"  } | | |

## Clear Alarm

* Description: clear single alarm
* Request Url： /app/traxbean/clearAlarm
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Id | Number | Alarm Id |
| {  "id": 686  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| code | String | Return 200 is succesful |
| message | String |  |
| {  "code": 200,  "message": "success"  } | | |

## Upload Alarm Photo

* Description: upload photo for alarm
* Request Url： /app/traxbean/uploadAlarmPhoto
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Id | Number | Alarm Id |
| Email | String | Current login user email |
| Data | String | Base64 of the photo |
| {  "id": 686,  "email": "888@qq.com",  "data": "string"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| code | String | 200 is successful |
| message | String |  |
| {  "code": 200,  "message": "success"  } | | |

# Device

## sendMessage

* Description: 发送信息
* Request Url： /app/traxbean/sendMessage
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "message": "string"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 is successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Take Photo

* Description: take photo
* Request Url： /app/traxbean/takePhoto
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Check Temperature

* Description: get temperature
* Request Url： /app/traxbean/checkTemperature
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Check Heartrace

* Description: get heartrate
* Request Url： /app/traxbean/checkHeartrate
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Check BloodOxygen

* Description: get blood oxygen
* Request Url： /app/traxbean/checkBloodOxygen
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Imei | imei |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Check BloodPressure

* Description: get blood pressure
* Request Url： /app/traxbean/checkBloodPressure
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Restart

* Description: restart device
* Request Url： /app/traxbean/doRestart
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Shutdown

* Description: shutdown device
* Request Url： /app/traxbean/doShutdown
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| imei | String |  |
| {  "imei": "123456",  "param": "1"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

## Sms Command

* Description: send SMS command
* Request Url： /app/traxbean/sendSMSCommand
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| imei | String |  |
| Command | String |  |
| {  "imei": "123456",  "targetId": 567,  "command": "cmd",  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | 1 success,0 fail |
| code | String | 200 successful |
| message | String |  |
| {  "data": 1,  "code": 200,  "message": "success"  } | | |

# Health

## Search Heartrate

* Description: get heartrate report of target
* Request Url： /app/traxbean/searchHeartrate
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| year | Number |  |
| month | Number |  |
| day | Number |  |
| {  "targetId": 6,  "year": 2023,  "month": 8,  "day": 5  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Heartrate data |
| code | String | 200 successful |
| message | String |  |
| {  "data": [  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:13:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 481,  "heartrate": 68  },  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:15:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 482,  "heartrate": 73  }  ],  "code": 200,  "message": "success"  } | | |

## Search Temperature

* Description: get temperature report of target
* Request Url： /app/traxbean/searchTemperature
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| year | Number |  |
| month | Number |  |
| day | Number |  |
| {  "targetId": 6,  "year": 2023,  "month": 8,  "day": 5  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Temperature data |
| code | String | 200 successful |
| message | String |  |
| {  "data": [  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:13:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 481,  "temperature": 36.9  },  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:15:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 482,  " temperature ": 37.2  }  ],  "code": 200,  "message": "success"  } | | |

## Search BloodOxygen

* Description: get blood oxygen report of target
* Request Url： /app/traxbean/searchBloodOxygen
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| year | Number |  |
| month | Number |  |
| day | Number |  |
| {  "targetId": 6,  "year": 2023,  "month": 8,  "day": 5  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Blood oxygen data |
| code | String | 200 successful |
| message | String |  |
| {  "data": [  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:13:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 481,  "bloodOxygen": 96  },  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:15:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 482,  "bloodOxygen": 96  }  ],  "code": 200,  "message": "success"  } | | |

## Search BloodPressure

* Description: get blood pressure report of target
* Request Url： /app/traxbean/searchBloodPressure
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| year | Number |  |
| month | Number |  |
| day | Number |  |
| {  "targetId": 6,  "year": 2023,  "month": 8,  "day": 5  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Blood pressure data |
| code | String | 200 successful |
| message | String |  |
| {  "data": [  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:13:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 481,  "diastolic": 70,  "systolic": 120  },  {  "createdAt": "2023-08-05 15:14:04",  "updatedAt": "2023-08-05 15:14:04",  "targetId": 6,  "imei": "658800001591312",  "utcTime": "2023-08-05 15:15:53",  "utcTimestamp": "1691220473000",  "others": "mock",  "id": 482,  "diastolic": 70,  "systolic": 120 }  ],  "code": 200,  "message": "success"  } | | |

## Search Steps

* Description: get step report of target
* Request Url： /app/traxbean/searchSteps
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| targetId | Number |  |
| year | Number |  |
| month | Number |  |
| {  "targetId": 6,  "year": 2023,  "month": 8  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Step report data |
| code | String | 200 |
| message | String |  |
| {  "data": [  {  "date": "2023-10-02 00:00:00",  "steps": 5102  },  {  "date": "2023-10-08 00:00:00",  "steps": 5102  },  {  "date": "2023-10-06 00:00:00",  "steps": 5102  },  {  "date": "2023-10-07 00:00:00",  "steps": 5102  },  {  "date": "2023-10-09 00:00:00",  "steps": 5102  },  {  "date": "2023-10-10 00:00:00",  "steps": 5102  },  {  "date": "2023-10-05 00:00:00",  "steps": 5102  },  {  "date": "2023-10-04 00:00:00",  "steps": 5102  },  {  "date": "2023-10-21 00:00:00",  "steps": 5102  }  ],  "code": 200,  "message": "success"  } | | |

# Task

## List Task

* Description: get the tasks assigned to a specific user for a particular day.
* Request Url： /app/traxbean/listTask
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| taskDate | String |  |
| userId | String |  |
| {  "userId": 1,  "taskDate": "2024-02-08T12:27:18.750Z"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| data | Object | Task list data |
| {  "data": [  {  "id": 6,  "name": "task name",  "description": "task description",  "weekDays": "1,2,3,4,5,6,7",  "startDate": "2023-07-01 22:03:18",  "endDate": "2023-07-30 22:03:21",  "status": 0,  "taskDate": "2023-07-08T12:27:18.750Z"  }  ],  "code": 200,  "message": "success"  } | | |

## Update Task Status

* Description: Update the status of a task for a specific day.
* Request Url： /app/traxbean/updateTaskStatus
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| taskDate | String |  |
| taskId | Number | taskId |
| status | Number |  |
| {  "taskId": 6,  "taskDate": "2023-07-08T12:31:35.261Z",  "status": 1  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Code | String | 200 successful |
| {      "code": 200,      "message": "success"  } | | |

# Settings

## Get Profile

* Description: get the current user's profile.
* Request Url： /app/traxbean/getProfile
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| No need parameter |  |  |
|  | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Data | String | User profile info |
| {  "data": {  "status": 1,  "user": {  "createdAt": "2020-08-27 03:38:30",  "updatedAt": "2023-12-10 19:55:45",  "id": 1,  "departmentId": 1,  "userType": 1,  "name": "路飞2",  "username": "rootadmin",  "password": "",  "psalt": "",  "nickName": "Super User",  "headImg": "https://files.amber360.com/user\_photo/1691311452933.jpeg?100,1500,1000",  "email": "qa894178522@qq.com",  "phone": "156224724251",  "remark": "112",  "status": 1  }  },  "code": 200,  "message": "success"  } | | |

## Update Profile

* Description: Update the current user's profile.
* Request Url： /app/traxbean/updateProfile
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| nickName | String |  |
| Email | String |  |
| Phone | String |  |
| {  "nickName": "nick",  "email": "rick.tang@thinkrace.com",  "phone": "123"  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Code | String | 200 successful |
| {  "code": 200,  "message": "success"  } | | |

## Update Avatar

* Description: Update the current user's avatar.
* Request Url： /app/traxbean/updateAvatar
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Avatar | String | base64 |
| {  " avatar ": ""  } | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Code | String | 200 successful |
| {  "code": 200,  "message": "success"  } | | |

## Change Password

* Description: change password
* Request Url： /app/traxbean/changePassword
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| originPassword | String |  |
| newPassword | String | 新密码 |
|  | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Code | String | 200 successful |
| {  "code": 200,  "message": "success"  } | | |

## Delete User

* Description: delete current user
* Request Url： /app/traxbean/deleteUser
* Request parameter

Header parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| Authorization | string | token |

Body parameter

| Parameter | Data Type | Description |
| --- | --- | --- |
| 无需parameter |  |  |
|  | | |

* Response

| Parameter | Data Type | Description |
| --- | --- | --- |
| Code | String | 200 successful |
| {  "code": 200,  "message": "success"  } | | |

# API Test Tool

## Post man