

Ally-Fleet

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机器人日志 -- Robot Log

查询机器人日志列表 -- To get log list of a specified robot

URL: http://127.0.0.1/app_log/autors/log_list

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询机器人日志列表 -- To get log list of a specified robot

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of the robot	false	-
dateFrom	string	from date, regex pattern: "^\\d{4}-\\d{2}-\\d{2}\$"	false	-
dateTo	string	to date, regex pattern: "^\\d{4}-\\d{2}-\\d{2}\$"	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/app_log/autors/log_list?
dateFrom=1cy2av&robotId=70&dateTo=tagg5x
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 750,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

以字节流的形式获取机器人日志 -- To get AutoRS log bytes

URL: http://127.0.0.1/app_log/autors/log_zip

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 以字节流的形式获取机器人日志 -- To get AutoRS log bytes

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
classifies	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/app_log/autors/log_zip --data '{
  "robotId": "70",
  "classifies": [
    "twxyjg"
  ]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 215,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取机器人更新实时日志 -- To get realtime update log

URL: http://127.0.0.1/app_log/link_robot

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 获取机器人更新实时日志 -- To get realtime update log

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token")	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
subscribe	boolean	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/app_log/link_robot?userId=70 --data '{
  "robotId": "70",
  "subscribe": true
}'
```

Response-fields:

Field	Type	Description	Since
-------	------	-------------	-------

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 992,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

单个设备的操作日志

URL: http://127.0.0.1/fleetapi/message/operationlog

Type: POST

Author: apple app消息的相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 单个设备的操作日志

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/message/operationlog
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-

Field	Type	Description	Since
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 216,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

单个设备的报警日志

URL: http://127.0.0.1/fleetapi/message/warnlog

Type: POST

Author: apple app消息的相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 单个设备的报警日志

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/message/warnlog
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 304,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

清洁报告周报数据，手机App查询时访问，不用于生成PDF

URL: http://127.0.0.1/fleetapi/clean/logsreportweekdata

Type: POST

Author: apple 清洁日志相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 清洁报告周报数据，手机App查询时访问，不用于生成PDF

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/clean/logsreportweekdata
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 547,
```

```
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

生成清洁记录报告的PDF文件，可下载

URL: http://127.0.0.1/fleetapi/clean/logsreport

Type: POST

Author: apple 清洁日志相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 生成清洁记录报告的PDF文件，可下载

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/clean/logsreport
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 31,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

```
    }  
  }  
}
```

地图

编辑地图上的绘制区域

URL: http://127.0.0.1/fleetapi/map/shape

Type: PUT, POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
shapeId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
shapeName	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
pointSeq	string	No comments found.	false	-
shapeDesc	string	No comments found.	false	-
robotId	string	No comments found.	false	-
shapeType	int32	No comments found.	false	-
shapeCategory	int32	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
points	array	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
baseHeight	float	No comments found.	false	-
height	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
colorIndex	string	No comments found.	false	-
toDelete	boolean	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/map/shape?userId=70 --data '[
{
  "shapeId": "70",
  "mapId": "70",
  "shapeName": "milton.farrell",
  "createdBy": "yob8d7",
  "pointSeq": "f7ow3e",
  "shapeDesc": "p054su",
  "robotId": "70",
  "shapeType": 126,
  "shapeCategory": 346,
  "lastUpdated": "2023-01-12 15:15:51",
  "points": [
    {
      "x": 60.10,
      "y": 27.89
    }
  ],
  "baseHeight": 47.55,
  "height": 91.11,
  "colorIndex": "05cqc4",
  "toDelete": true
}]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 451,
  "message": "success",
```

```
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

获取地图上的绘制区域

URL: http://127.0.0.1/fleetapi/map/shape

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
mapId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/map/shape?userId=70&mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 435,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

```
    }  
  }  
}
```

获取机器人可用地图

URL: http://127.0.0.1/fleetapi/map/availableMaps

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
robotId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/map/availableMaps?userId=70&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  
  "code": 807,  
  "message": "success",  
  "generalMessage": "success",  
  "data": {  
    "waring": "You may have used non-display generics."  
  }  
}
```

编辑地上的点位信息

URL: http://127.0.0.1/fleetapi/map/mapPoint

Type: PUT, POST

Author: zhihui

Content-Type: application/json; charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
pointId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
pointName	string	No comments found.	false	-
pointType	int32	No comments found.	false	-
position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─z	double	No comments found.	false	-
orientation	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─z	double	No comments found.	false	-
└─w	double	No comments found.	false	-
robotId	string	No comments found.	false	-
elevatorIds	array	电梯id	false	-
deleted	boolean	是否删除某个点	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/map/mapPoint?userId=70 --data '[
{
  "pointId": "70",
  "mapId": "70",
  "pointName": "milton.farrell",
  "pointType": 735,
  "position": {
    "x": 58.99,
    "y": 30.50,
    "z": 94.81
  },
  "orientation": {
    "x": 68.37,
    "y": 12.14,
    "z": 22.30,
    "w": 65.68
  },
  "robotId": "70",
  "elevatorIds": [
    "cnerv4"
  ],
  "deleted": true
}]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 788,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取地上的点位信息

URL: http://127.0.0.1/fleetapi/map/mapPoint

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	true	-
mapId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/map/mapPoint?mapId=70&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 424,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

导入地图到机器人

URL: http://127.0.0.1/fleetapi/map/import

Type: POST

Author: zhihui

Content-Type: application/json; charset=utf-8

Description:

Body-parameters:

Parameter	Type	Description	Required	Since
mapId	string	No comments found.	false	-
robotId	string	No comments found.	false	-
withNav	boolean	No comments found.	false	-
withPlan	boolean	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/map/import --data '{
  "mapId": "70",
  "robotId": "70",
  "withNav": true,
  "withPlan": true
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 998,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取区域的规划路径

URL: http://127.0.0.1/fleetapi/map/plan/path

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
robotId	string	No comments found.	true	-
planId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/map/plan/path?robotId=70&planId=70&userId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 686,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```


获取机器人安全设置

URL: http://127.0.0.1/fleetapi/robot/secureConfig

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
robotId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/robot/secureConfig?robotId=70&userId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 545,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

机器人安全设置

URL: http://127.0.0.1/fleetapi/robot/secureConfig

Type: GET

Author: zhihui

Content-Type: application/json; charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
screenLockPassword	string	No comments found.	false	-
securePassword	string	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/robot/secureConfig?userId=70 --data '{
  "robotId": "70",
  "screenLockPassword": "r09mno",
  "securePassword": "j4ibim"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 159,
  "message": "success",
  "generalMessage": "success",
  "data": {
```

```
    "waring": "You may have used non-display generics."
  }
}
```

设置机器人锁屏密码和安全密码

URL: http://127.0.0.1/fleetapi/robot/secureConfig/secure/reset

Type: PUT, POST

Author: zhihui

Content-Type: application/json; charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
screenLockPassword	string	No comments found.	false	-
securePassword	string	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/robot/secureConfig/secure/reset?userId=70 --data '{
  "robotId": "70",
  "screenLockPassword": "zny03u",
  "securePassword": "0w15fg"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 160,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

设置语音音量

URL: http://127.0.0.1/fleetapi/device/volume/update

Type: POST

Author: apple 设备配置参数的获取和更新

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/device/volume/update
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 868,
```

```
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

获取语音音量

URL: http://127.0.0.1/fleetapi/device/volume/get

Type: POST

Author: apple 设备配置参数的获取和更新

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/device/volume/get
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 151,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

```
    }  
  }  
}
```

查询地图所属的机器人

URL: http://127.0.0.1/fleetapi/robot/bakMapRobot

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询地图所属的机器人

Query-parameters:

Parameter	Type	Description	Required	Since
parentMapId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/robot/bakMapRobot?parentMapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  
  "code": 24,  
  "message": "success",  
  "generalMessage": "success",  
  "data": {  
    "waring": "You may have used non-display generics."  
  }  
}
```

获取机器人状态信息

URL: http://127.0.0.1/fleetapi/robot/deviceStatus

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
deviceId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/robot/deviceStatus?userId=70&deviceId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 605,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

任务(APP)

设置app任务，新增app任务是/fleetapi/task/task

URL: http://127.0.0.1/fleetapi/task/setAppTask

Type: POST

Author: zhihui

Content-Type: application/json; charset=utf-8

Description: 设置app任务 · 新增app任务是/fleetapi/task/task

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
defaultTask	boolean	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
jobList	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/task/setAppTask?userId=70 --data '{
  "taskId": "70",
  "taskCode": "96677",
  "execCron": "ubsq6i",
  "taskMode": 928,
  "autoContinue": 60,
  "autoReturn": 565,
  "createdTime": "2023-01-12 15:15:52",
  "createdBy": "851pcx",
  "startTime": "2023-01-12 15:15:49",
  "endTime": "2023-01-12 15:15:49",
  "repetition": 280,
  "scheduleStatus": 979,
  "taskDesc": "ep19z5",
  "deleted": 794,
  "projectId": "70",
  "activated": 841,
  "arrangeCode": 412,
  "arrangeTime": "2023-01-12 15:15:49",
  "defaultTask": true,
  "cleanIntensity": 628,
  "robotId": "70",
  "jobList": [
    {
      "object": "any object"
    }
  ]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-
└code	int32	No comments found.	-
└message	string	No comments found.	-
└generalMessage	string	No comments found.	-

Field	Type	Description	Since
└─data	object	No comments found.	-

Response-example:

```
{
  "code": 992,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "code": 950,
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

查询app任务robotId 必传**URL:** http://127.0.0.1/fleetapi/task/queryAppTasks**Type:** POST**Author:** zhihui**Content-Type:** application/json; charset=utf-8**Description:** 查询app任务 robotId 必传**Body-parameters:**

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/task/queryAppTasks --data '{
  "robotId": "70",
  "page": 1,
  "pageSize": 10
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-
└code	int32	No comments found.	-
└message	string	No comments found.	-
└generalMessage	string	No comments found.	-
└data	object	No comments found.	-

Response-example:

```
{
  "code": 444,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "code": 192,
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

激活任务或者关闭任务 必传taskId , robotId , activated {0:关闭,1:激活}

URL: http://127.0.0.1/fleetapi/task/activeAppTask

Type: POST

Author: zhihui

Content-Type: application/json; charset=utf-8

Description: 激活任务或者关闭任务 必传taskId , robotId , activated {0:关闭,1:激活}

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
defaultTask	boolean	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/task/activeAppTask --data '{
  "taskId": "70",
  "taskCode": "96677",
  "execCron": "98ad2d",
  "taskMode": 667,
  "autoContinue": 106,
  "autoReturn": 271,
  "createdTime": "2023-01-12 15:15:52",
  "createdBy": "k8re32",
  "startTime": "2023-01-12 15:15:49",
  "endTime": "2023-01-12 15:15:49",
```

```
"repetition": 200,
"scheduleStatus": 945,
"taskDesc": "vfqia6",
"deleted": 952,
"projectId": "70",
"activated": 157,
"arrangeCode": 793,
"arrangeTime": "2023-01-12 15:15:49",
"defaultTask": true,
"cleanIntensity": 825,
"robotId": "70",
"jobList": [
  {
    "object": "any object"
  }
]
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-
└code	int32	No comments found.	-
└message	string	No comments found.	-
└generalMessage	string	No comments found.	-
└data	object	No comments found.	-

Response-example:

```
{
  "code": 871,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "code": 874,
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

获取机器人默认任务

URL: http://127.0.0.1/fleetapi/task/queryDefaultTasks

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/task/queryDefaultTasks?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-
└code	int32	No comments found.	-
└message	string	No comments found.	-
└generalMessage	string	No comments found.	-
└data	object	No comments found.	-

Response-example:

```
{
  "code": 738,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "code": 875,
    "message": "success",
```

```
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

app新建任务

URL: http://127.0.0.1/fleetapi/task/task

Type: GET

Author: zhihui

Content-Type: application/json; charset=utf-8

Description: app新建任务

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-
└─jobId	string	No comments found.	false	-
└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─jobType	int32	No comments found.	false	-
└─issuedBy	string	No comments found.	false	-
└─startTime	string	No comments found.	false	-
└─endTime	string	No comments found.	false	-
└─repetition	int32	No comments found.	false	-
└─finishedCycles	int32	No comments found.	false	-
└─jobPoints	string	No comments found.	false	-
└─jobDesc	string	No comments found.	false	-
└─status	int32	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─listJobPoint	array	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-
└─position	object	No comments found.	false	-
└─orientation	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─index	int32	No comments found.	false	-
└─remainingRegion	string	No comments found.	false	-
└─remainingRegionPoints	array	No comments found.	false	-
└─jobArea	float	job计划清洁面积	false	-
└─coverArea	float	job实际清洁面积	false	-
└─uncoveredArea	float	job未清洁面积	false	-
└─percentCoverArea	float	job实际清洁面积百分比	false	-
└─percentComplete	float	job进度百分比	false	-
└─reservedField	string	预留字段	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/fleetapi/task/task?userId=70 --data '{
  "taskId": "70",
  "taskCode": "96677",
  "execCron": "rx2ok9",
  "taskMode": 806,
  "autoContinue": 925,
  "autoReturn": 933,
  "createdTime": "2023-01-12 15:15:52",
  "createdBy": "poy806",
  "startTime": "2023-01-12 15:15:49",
  "endTime": "2023-01-12 15:15:49",
  "repetition": 192,
  "scheduleStatus": 153,
  "taskDesc": "x6um6j",
  "deleted": 241,
  "projectId": "70",
  "activated": 255,
  "arrangeCode": 644,
  "arrangeTime": "2023-01-12 15:15:49",
  "cleanIntensity": 770,
  "robotId": "70",
```

```
"jobList": [
  {
    "jobId": "70",
    "jobCode": "96677",
    "reportId": "70",
    "taskId": "70",
    "serialNum": 526,
    "planId": "70",
    "planName": "milton.farrell",
    "mapId": "70",
    "mapName": "milton.farrell",
    "robotId": "70",
    "jobType": 195,
    "issuedBy": "8dtkh1",
    "startTime": "2023-01-12 15:15:52",
    "endTime": "2023-01-12 15:15:52",
    "repetition": 887,
    "finishedCycles": 516,
    "jobPoints": "79t61h",
    "jobDesc": "8hknst",
    "status": 233,
    "deleted": 890,
    "listJobPoint": [
      {
        "pointId": "70",
        "mapId": "70",
        "pointType": 949,
        "pointName": "milton.farrell",
        "position": {
          "$ref": "..."
        },
        "orientation": {
          "$ref": "..."
        },
        "robotId": "70",
        "deleted": 357,
        "index": 1
      }
    ],
    "remainingRegion": "rb4p11",
    "remainingRegionPoints": [
      {}
    ],
    "jobArea": 93.73,
    "coverArea": 47.42,
    "uncoveredArea": 38.19,
    "percentCoverArea": 34.76,
    "percentComplete": 99.40,
    "reservedField": "s6iohv"
  }
]
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 686,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取任务报告

URL: http://127.0.0.1/fleetapi/task/report

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description:

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
reportId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/fleetapi/task/report?reportId=70&userId=70
```

Response-fields:

Field	Type	Description	Since
-------	------	-------------	-------

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-
└code	int32	No comments found.	-
└message	string	No comments found.	-
└generalMessage	string	No comments found.	-
└data	object	No comments found.	-

Response-example:

```
{
  "code": 946,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "code": 463,
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

地图 -- Map

上传压缩地图, 仅支持"zip"压缩格式 -- To upload archived map data, only with ".zip" suffix supported

URL: http://127.0.0.1/map/

Type: POST

Author: "zhihui"

Content-Type: multipart/form-data

Description: 上传压缩地图, 仅支持"zip"压缩格式 -- To upload archived map data, only with ".zip" suffix supported

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
archivedMap	file	archived map file	true	-
mapList	array	No comments found.	false	-
shapeList	array	No comments found.	false	-
planList	array	No comments found.	false	-
syncPlanContentList	array	No comments found.	false	-
syncPointList	array	No comments found.	false	-
planPathList	array	No comments found.	false	-
syncVirtualWallList	array	No comments found.	false	-
elevatorPointRelationList	array	No comments found.	false	-
pointId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
pointType	int32	No comments found.	false	-
pointName	string	No comments found.	false	-
position	object	No comments found.	false	-
└ _x	double	No comments found.	false	-
└ _y	double	No comments found.	false	-
orientation	object	No comments found.	false	-
└ _x	double	No comments found.	false	-
└ _y	double	No comments found.	false	-
└ _z	double	No comments found.	false	-
└ _w	double	No comments found.	false	-
robotId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
index	int32	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: multipart/form-data' -i http://127.0.0.1/map/ --data
'deleted=636&pointName=milton.farrell&orientation.z=9.23&position.z=61.07&pointType=235&pointId=70&index=1&robotId=70&orientation.x=49.89&orientation.y=1.11&mapId=70&orientation.w=73.97&position.y=51.43&position.x=39.57'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 925,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

查询使用指定地图的所有机器人 -- To find all robots using this map

URL: http://127.0.0.1/map/robot

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询使用指定地图的所有机器人 -- To find all robots using this map

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/robot?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-

Field	Type	Description	Since
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 520,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

在地图上绘制具有语义信息的图形, 如不可通行区域、地毯区和斜坡区等, 需要预先获取资源锁 -- To draw a graph with semantic information, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/baseShape

Type: GET

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 在地图上绘制具有语义信息的图形, 如不可通行区域、地毯区和斜坡区等, 需要预先获取资源锁 -- To draw a graph with semantic information, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
shapeId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
shapeName	string	No comments found.	false	-
createdBy	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
pointSeq	string	No comments found.	false	-
shapeDesc	string	No comments found.	false	-
robotId	string	No comments found.	false	-
shapeType	int32	No comments found.	false	-
shapeCategory	int32	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
points	array	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
baseHeight	float	No comments found.	false	-
height	float	No comments found.	false	-
colorIndex	string	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/baseShape?userId=70 --data '{
  "shapeId": "70",
  "mapId": "70",
  "shapeName": "milton.farrell",
  "createdBy": "kq9l90",
  "pointSeq": "75ihvd",
  "shapeDesc": "denubq",
  "robotId": "70",
  "shapeType": 791,
  "shapeCategory": 29,
  "lastUpdated": "2023-01-12 15:15:53",
  "points": [
    {
      "x": 97.24,
      "y": 77.80
    }
  ],
  "baseHeight": 59.41,
  "height": 4.02,
  "colorIndex": "lrpcah"
}'
```

Response-fields:

Field	Type	Description	Since
-------	------	-------------	-------

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 969,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取地图上的所有语义图形 -- To query all graphs on a specified map

URL: http://127.0.0.1/map/baseShape

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取地图上的所有语义图形 -- To query all graphs on a specified map

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/baseShape?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-

Field	Type	Description	Since
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 553,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除地图上的语义图形 -- To delete some graphs on a specified map

URL: http://127.0.0.1/map/baseShape

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除地图上的语义图形 -- To delete some graphs on a specified map

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
shapeId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
shapeName	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
pointSeq	string	No comments found.	false	-
shapeDesc	string	No comments found.	false	-
robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
shapeType	int32	No comments found.	false	-
shapeCategory	int32	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
points	array	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
baseHeight	float	No comments found.	false	-
height	float	No comments found.	false	-
colorIndex	string	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/baseShape?userId=70 --data '[
{
  "shapeId": "70",
  "mapId": "70",
  "shapeName": "milton.farrell",
  "createdBy": "t0cyxo",
  "pointSeq": "eiez07",
  "shapeDesc": "nr8soz",
  "robotId": "70",
  "shapeType": 678,
  "shapeCategory": 941,
  "lastUpdated": "2023-01-12 15:15:53",
  "points": [
    {
      "x": 40.42,
      "y": 2.56
    }
  ],
  "baseHeight": 12.38,
  "height": 24.07,
  "colorIndex": "p2ygce"
}]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-

Field	Type	Description	Since
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 561,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

分页条件查询地图数据 -- Paging search of map data with multiple criteria

URL: http://127.0.0.1/map/mapPage

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 分页条件查询地图数据 -- Paging search of map data with multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
keyword	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
searchType	string	No comments found.	false	-
robotId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
floorNum	int32	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/mapPage?
robotId=70&keyword=mnbk8s&startTime=2023-01-12
15:15:49&mapId=70&pageSize=10&endTime=2023-01-12
15:15:49&floorNum=630&page=1&searchType=gbmeia&projectId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 415,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取指定地图详细信息 -- To query map information based map ID

URL: http://127.0.0.1/map/mapInfo

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取指定地图详细信息 -- To query map information based map ID

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/mapInfo?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 332,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

批量删除地图 -- To delete some maps

URL: http://127.0.0.1/map/delMaps

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 批量删除地图, 需要预先获取资源锁 -- To delete some maps, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
floorNum	int32	No comments found.	false	-
creator	string	No comments found.	false	-
robotId	string	No comments found.	false	-
mapName	string	No comments found.	false	-
mapPath	string	No comments found.	false	-
mapUrl	string	No comments found.	false	-
image	string	No comments found.	false	-
resolution	float	No comments found.	false	-
originStr	string	No comments found.	false	-
occupiedThresh	float	No comments found.	false	-
negate	int32	No comments found.	false	-
freeThresh	float	No comments found.	false	-
createdTime	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
version	int32	No comments found.	false	-
mapDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
angleReset	string	No comments found.	false	-
identifyTriangle	boolean	No comments found.	false	-
mapType	int32	No comments found.	false	-
belong	string	No comments found.	false	-
bakParent	string	No comments found.	false	-
imagePath	string	No comments found.	false	-
origin	array	No comments found.	false	-
project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
robot	object	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/delMaps?userId=70 --data '[
{
  "mapId": "70",
  "projectId": "70",
  "floorNum": 967,
  "creator": "2vbaid",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "m2vj4q",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "gjj9zd",
  "resolution": 25.78,
  "originStr": "2hermi",
  "occupiedThresh": 80.75,
  "negate": 753,
  "freeThresh": 23.29,
  "createdTime": "2023-01-12 15:15:53",
  "lastUpdated": "2023-01-12 15:15:53",
  "version": 201,
  "mapDesc": "eu6doi",
  "deleted": 810,
  "angleReset": "fqywta",
  "identifyTriangle": true,
  "mapType": 406,
  "belong": "7o27mn",
  "bakParent": "0x9mq0",
  "imagePath": "r0b37a",
  "origin": [
    20.68
  ],
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "vdqmal",
    "projectAddr": "olc055",
    "creator": "qvvoap",
    "longitude": 51.21,
    "latitude": 91.13,
    "altitude": 6.04,
    "lowestFloor": 403,
    "highestFloor": 107,
    "createdTime": "2023-01-12 15:15:53",
    "deleted": 916,
    "projectDesc": "d45nic",
    "version": 173,
    "organization": {
      "$ref": "...",
    },
  },
  "robots": [
    {
```

```
        "$ref": "...",
      },
    ],
    "maps": [
      {
        "$ref": "...",
      },
    ],
    "users": [
      {
        "$ref": "...",
      },
    ],
  },
  "robot": {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "jk4ygy",
    "robotType": 872,
    "supplier": "x5aucw",
    "robotBatch": "qiakze",
    "aliveStatus": 402,
    "lifecycleStatus": 298,
    "sizeLength": 81.28,
    "sizeWidth": 75.34,
    "sizeHeight": 38.36,
    "logPath": "hes7ho",
    "lastOnline": "2023-01-12 15:15:53",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 707,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    },
  },
},
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-

Field	Type	Description	Since
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 264,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

编辑地图, 需要预先获取地图资源锁 -- To edit a map, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/setMap

Type: GET

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 编辑地图, 需要预先获取地图资源锁 -- To edit a map, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
mapId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
floorNum	int32	No comments found.	false	-
creator	string	No comments found.	false	-
robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
mapName	string	No comments found.	false	-
mapPath	string	No comments found.	false	-
mapUrl	string	No comments found.	false	-
image	string	No comments found.	false	-
resolution	float	No comments found.	false	-
originStr	string	No comments found.	false	-
occupiedThresh	float	No comments found.	false	-
negate	int32	No comments found.	false	-
freeThresh	float	No comments found.	false	-
createdTime	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
version	int32	No comments found.	false	-
mapDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
angleReset	string	No comments found.	false	-
identifyTriangle	boolean	No comments found.	false	-
mapType	int32	No comments found.	false	-
belong	string	No comments found.	false	-
bakParent	string	No comments found.	false	-
imagePath	string	No comments found.	false	-
origin	array	No comments found.	false	-
project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─permissions	array	No comments found.	false	-
└─userPermission	object	No comments found.	false	-
└─role	object	No comments found.	false	-
└─projects	array	No comments found.	false	-
robot	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/setMap?userId=70 --data '{
  "mapId": "70",
  "projectId": "70",
  "floorNum": 958,
```

```
"creator": "ky1lkz",
"robotId": "70",
"mapName": "milton.farrell",
"mapPath": "1asyh6",
"mapUrl": "www.nicholle-homenick.io",
"image": "k44txz",
"resolution": 1.59,
"originStr": "oig96i",
"occupiedThresh": 86.71,
"negate": 421,
"freeThresh": 51.50,
"createdTime": "2023-01-12 15:15:53",
"lastUpdated": "2023-01-12 15:15:53",
"version": 123,
"mapDesc": "k5wd1x",
"deleted": 752,
"angleReset": "9g6ui0",
"identifyTriangle": true,
"mapType": 944,
"belong": "4o9ozj",
"bakParent": "5762o8",
"imagePath": "ttpc2r",
"origin": [
  85.37
],
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "nm3ci9",
  "projectAddr": "ijpjul",
  "creator": "rmd70g",
  "longitude": 16.96,
  "latitude": 80.74,
  "altitude": 19.92,
  "lowestFloor": 638,
  "highestFloor": 766,
  "createdTime": "2023-01-12 15:15:53",
  "deleted": 85,
  "projectDesc": "xb9mrr",
  "version": 937,
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 911,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "6g7jk4",
    "orgDesc": "r9tfey",
    "deleted": 721,
    "orgLogo": "7gym0z",
    "orgTel": "ccxaxy",
    "projects": [
      {
```



```
    "$ref": "..."  
  }  
],  
"users": [  
  {  
    "$ref": "..."  
  }  
],  
"robots": [  
  {  
    "$ref": "..."  
  }  
]  
},  
"robots": [  
  {  
    "robotId": "70",  
    "robotName": "milton.farrell",  
    "robotAlias": "tkbm6y",  
    "robotType": 465,  
    "supplier": "5yrfzx",  
    "robotBatch": "dp3a4u",  
    "aliveStatus": 899,  
    "lifecycleStatus": 38,  
    "sizeLength": 98.54,  
    "sizeWidth": 68.94,  
    "sizeHeight": 50.00,  
    "logPath": "qmo1dm",  
    "lastOnline": "2023-01-12 15:15:53",  
    "orgId": "70",  
    "projectId": "70",  
    "mapId": "70",  
    "deleted": 309,  
    "project": {  
      "$ref": "..."  
    },  
    "baseMap": {  
      "$ref": "..."  
    },  
    "organization": {  
      "$ref": "..."  
    }  
  }  
],  
"maps": [  
  {  
    "mapId": "70",  
    "projectId": "70",  
    "floorNum": 105,  
    "creator": "wuuihp",  
    "robotId": "70",  
    "mapName": "milton.farrell",  
    "mapPath": "07efdf",  
    "mapUrl": "www.nicholle-homenick.io",
```

```
"image": "qgd2dj",
"resolution": 10.37,
"originStr": "55evz2",
"occupiedThresh": 52.70,
"negate": 947,
"freeThresh": 61.39,
"createdTime": "2023-01-12 15:15:53",
"lastUpdated": "2023-01-12 15:15:53",
"version": 106,
"mapDesc": "v1bhk0",
"deleted": 612,
"angleReset": "pa66i2",
"identifyTriangle": true,
"mapType": 208,
"belong": "1t6cex",
"bakParent": "m2x265",
"imagePath": "dx3bn4",
"origin": [
  {
    "$ref": "...",
  }
],
"project": {
  "$ref": "...",
},
"robot": {
  "$ref": "...",
}
},
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "d91ow1",
    "username": "milton.farrell",
    "password": "ra6uaz",
    "avatar": "08rpmg",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "28mkba",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:53",
    "lastOnline": "2023-01-12 15:15:53",
    "deleted": 847,
    "locked": 305,
    "effectTime": "2023-01-12 15:15:53",
    "failureTime": "2023-01-12 15:15:53",
    "remainingPeriod": "7kp0w9",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
```

```

        "$ref": "...",
      },
    ],
    "userPermission": {
      "$ref": "...",
    },
    "role": {
      "$ref": "...",
    },
    "projects": [
      {
        "$ref": "...",
      }
    ]
  }
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "n90wwx",
  "robotType": 634,
  "supplier": "tcj09u",
  "robotBatch": "mo9fh5",
  "aliveStatus": 632,
  "lifecycleStatus": 485,
  "sizeLength": 10.47,
  "sizeWidth": 5.41,
  "sizeHeight": 34.37,
  "logPath": "2izmo8",
  "lastOnline": "2023-01-12 15:15:53",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 80,
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "cwczb0",
    "projectAddr": "i58pen",
    "creator": "jxehfy",
    "longitude": 19.61,
    "latitude": 5.22,
    "altitude": 29.74,
    "lowestFloor": 206,
    "highestFloor": 346,
    "createdTime": "2023-01-12 15:15:53",
    "deleted": 864,
    "projectDesc": "c4d6a9",
    "version": 91,
    "organization": {
      "$ref": "...",
    },
  },
},

```

```
    "robots": [
      {
        "$ref": "... "
      }
    ],
    "maps": [
      {
        "$ref": "... "
      }
    ],
    "users": [
      {
        "$ref": "... "
      }
    ]
  },
  "baseMap": {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 3,
    "creator": "skqxtm",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "64w9ov",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "b0syaw",
    "resolution": 87.23,
    "originStr": "krh5eu",
    "occupiedThresh": 60.16,
    "negate": 209,
    "freeThresh": 33.70,
    "createdTime": "2023-01-12 15:15:53",
    "lastUpdated": "2023-01-12 15:15:53",
    "version": 20,
    "mapDesc": "giuc6m",
    "deleted": 702,
    "angleReset": "u094pr",
    "identifyTriangle": true,
    "mapType": 58,
    "belong": "laukzz",
    "bakParent": "7tdcih",
    "imagePath": "lsvnwj",
    "origin": [
      {
        "$ref": "... "
      }
    ],
    "project": {
      "$ref": "... "
    },
    "robot": {
      "$ref": "... "
    }
  },
},
```

```
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 44,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "melk40",
  "orgDesc": "yp0rai",
  "deleted": 769,
  "orgLogo": "wl3sjv",
  "orgTel": "dkpivx",
  "projects": [
    {
      "$ref": "...",
    }
  ],
  "users": [
    {
      "$ref": "...",
    }
  ],
  "robots": [
    {
      "$ref": "...",
    }
  ]
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 362,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取机器人可用的所有地图 -- To query all available maps by robot ID

URL: http://127.0.0.1/map/canUseMaps

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取机器人可用的所有地图 -- To query all available maps by robot ID

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/canUseMaps?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 74,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

线上导入地图, 将地图派发给某个机器人 -- To import map online, and send maps to a robot

URL: http://127.0.0.1/map/setCanUseMaps

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 线上导入地图, 将地图派发给某个机器人 -- To import map online, and send maps to a robot

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
mapId	string	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/setCanUseMaps --data '[
  {
    "robotId": "70",
    "mapId": "70"
  }
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 272,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

查询可导入地图 -- To search all importable maps

URL: http://127.0.0.1/map/canSetRobotUseMaps

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询可导入地图 -- To search all importable maps

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/canSetRobotUseMaps?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 949,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

将地图从机器人可用地图列表中移除 -- To remove map from the list of available maps

URL: http://127.0.0.1/map/delRobotCanUseMaps

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 将地图从机器人可用地图列表中移除 -- To remove map from the list of available maps

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
mapId	string	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/delRobotCanUseMaps --data '[
  {
    "robotId": "70",
    "mapId": "70"
  }
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 402,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

远程录制地图 -- To record a map via remote operation

URL: http://127.0.0.1/map/recordMap

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 远程录制地图 -- To record a map via remote operation

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
mapName	string	No comments found.	false	-
floorNum	int32	No comments found.	false	-
status	int32	No comments found.	false	-
userId	string	No comments found.	false	-
identifyTriangle	boolean	No comments found.	false	-
method	int32	No comments found.	false	-
originMapId	string	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/recordMap?userId=70 --data '{
  "robotId": "70",
  "mapName": "milton.farrell",
  "floorNum": 146,
  "status": 34,
  "userId": "70",
  "identifyTriangle": true,
  "method": 567,
  "originMapId": "70"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-

Field	Type	Description	Since
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 88,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

远程录制规划 -- To record a plan via remote operation

URL: http://127.0.0.1/map/recordPlan

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 远程录制规划 -- To record a plan via remote operation

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
serial	string	No comments found.	false	-
planId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
mapName	string	No comments found.	false	-
planName	string	No comments found.	false	-
planDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
createdBy	string	No comments found.	false	-
planType	int32	No comments found.	false	-
repetition	int32	No comments found.	false	-
status	int32	No comments found.	false	-
interval	double	No comments found.	false	-
createdTime	string	No comments found.	false	-
points	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/recordPlan?userId=70 --data '{
  "serial": "wb27ew",
  "planId": "70",
  "mapId": "70",
  "mapName": "milton.farrell",
  "planName": "milton.farrell",
  "planDesc": "p9k1jy",
  "createdBy": "e87fov",
  "planType": 227,
  "repetition": 902,
  "status": 106,
  "interval": 73.41,
  "createdTime": "2023-01-12 15:15:53",
  "points": [
    {
      "object": "any object"
    }
  ]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 437,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取机器人所在项目下的所有地图 -- To get all maps of the project which the robot belongs

URL: http://127.0.0.1/map/projectMap

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取机器人所在项目下的所有地图 -- To get all maps of the project which the robot belongs

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/projectMap?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 901,
  "message": "success",
  "generalMessage": "success",
  "data": {
```

```
    "waring": "You may have used non-display generics."
  }
}
```

获取资源锁，并编辑规划 -- To edit a map plan, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/plan

Type: GET

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 获取资源锁，并编辑规划 -- To edit a map plan, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
planId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
planName	string	No comments found.	false	-
planType	int32	No comments found.	false	-
planDesc	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
points	array	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└position	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└orientation	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└z	double	No comments found.	false	-
└w	double	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
virtualWalls	array	No comments found.	false	-
└wallId	string	No comments found.	false	-
└planId	string	No comments found.	false	-
└wallName	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└createdBy	string	No comments found.	false	-
└pointSeq	string	No comments found.	false	-
└expansion	double	No comments found.	false	-
└wallDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└points	array	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└mapPlan	object	No comments found.	false	-
└planId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└planName	string	No comments found.	false	-
└planType	int32	No comments found.	false	-
└planDesc	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└createdBy	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└robotId	string	No comments found.	false	-
└points	array	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└virtualWalls	array	No comments found.	false	-
└global	string	No comments found.	false	-
global	string	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/plan?userId=70 --data '{
  "planId": "70",
  "mapId": "70",
  "planName": "milton.farrell",
  "planType": 736,
  "planDesc": "ozt6lz",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "fxjgw",
  "deleted": 675,
  "robotId": "70",
  "points": [
    {
      "pointId": "70",
      "mapId": "70",
      "pointType": 636,
      "pointName": "milton.farrell",
```

```
    "position": {
      "x": 58.52,
      "y": 77.33
    },
    "orientation": {
      "x": 83.40,
      "y": 36.75,
      "z": 47.65,
      "w": 46.41
    },
    "robotId": "70",
    "deleted": 13,
    "index": 1
  }
],
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 731,
  "creator": "kybg72",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "eg4elv",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "709c21",
  "resolution": 13.10,
  "originStr": "ikitjp",
  "occupiedThresh": 27.32,
  "negate": 17,
  "freeThresh": 87.10,
  "createdTime": "2023-01-12 15:15:54",
  "lastUpdated": "2023-01-12 15:15:54",
  "version": 922,
  "mapDesc": "vz22p5",
  "deleted": 293,
  "angleReset": "sy45as",
  "identifyTriangle": true,
  "mapType": 72,
  "belong": "n2kw76",
  "bakParent": "5wnv15",
  "imagePath": "6bd5pv",
  "origin": [
    79.51
  ],
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "4iz75a",
    "projectAddr": "w35khn",
    "creator": "30j130",
    "longitude": 84.42,
    "latitude": 76.39,
    "altitude": 70.85,
```

```
    "lowestFloor": 74,
    "highestFloor": 311,
    "createdTime": "2023-01-12 15:15:54",
    "deleted": 36,
    "projectDesc": "vnbye7",
    "version": 821,
    "organization": {
      "$ref": "...",
    },
    "robots": [
      {
        "$ref": "...",
      }
    ],
    "maps": [
      {
        "$ref": "...",
      }
    ],
    "users": [
      {
        "$ref": "...",
      }
    ]
  },
  "robot": {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "r2g5ay",
    "robotType": 369,
    "supplier": "8aj08u",
    "robotBatch": "7m0wbd",
    "aliveStatus": 498,
    "lifecycleStatus": 848,
    "sizeLength": 17.69,
    "sizeWidth": 95.67,
    "sizeHeight": 62.99,
    "logPath": "0186a7",
    "lastOnline": "2023-01-12 15:15:54",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 308,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
},
```

```
"virtualWalls": [
  {
    "wallId": "70",
    "planId": "70",
    "wallName": "milton.farrell",
    "lastUpdated": "2023-01-12 15:15:54",
    "createdBy": "jbwtt3",
    "pointSeq": "f5z3j7",
    "expansion": 35.52,
    "wallDesc": "ja2dd3",
    "deleted": 336,
    "robotId": "70",
    "points": [
      {
        "x": 43.22,
        "y": 42.11
      }
    ],
    "mapPlan": {
      "planId": "70",
      "mapId": "70",
      "planName": "milton.farrell",
      "planType": 596,
      "planDesc": "b11da5",
      "lastUpdated": "2023-01-12 15:15:54",
      "createdBy": "mu1ohn",
      "deleted": 447,
      "robotId": "70",
      "points": [
        {
          "$ref": "... "
        }
      ],
      "baseMap": {
        "$ref": "... "
      },
      "virtualWalls": [
        {
          "$ref": "... "
        }
      ],
      "global": "ijdwr9"
    }
  }
],
"global": "j7dlzm"
}'
```

Response-fields:

Field	Type	Description	Since
-------	------	-------------	-------

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 894,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除规划, 需要预先获取资源锁 -- To delete a map plan, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/plan

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除规划, 需要预先获取资源锁 -- To delete a map plan, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
planId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
planName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
planType	int32	No comments found.	false	-
planDesc	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
points	array	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-
└─position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─orientation	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─z	double	No comments found.	false	-
└─w	double	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─index	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─floorNum	int32	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─mapPath	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─maps	array	No comments found.	false	-
└─users	array	No comments found.	false	-
└─robot	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
virtualWalls	array	No comments found.	false	-
└─wallId	string	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─wallName	string	No comments found.	false	-
└─lastUpdated	string	No comments found.	false	-
└─createdBy	string	No comments found.	false	-
└─pointSeq	string	No comments found.	false	-
└─expansion	double	No comments found.	false	-
└─wallDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─points	array	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─mapPlan	object	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─planType	int32	No comments found.	false	-
└─planDesc	string	No comments found.	false	-
└─lastUpdated	string	No comments found.	false	-
└─createdBy	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─points	array	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─virtualWalls	array	No comments found.	false	-
└─global	string	No comments found.	false	-
global	string	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/plan?userId=70 --data '[
{
  "planId": "70",
  "mapId": "70",
  "planName": "milton.farrell",
  "planType": 436,
  "planDesc": "ymr9ly",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "oi8dxj",
  "deleted": 671,
  "robotId": "70",
  "points": [
    {
      "pointId": "70",
      "mapId": "70",
      "pointType": 255,
      "pointName": "milton.farrell",
      "position": {
        "$ref": "...",
      },
      "orientation": {
        "$ref": "...",
      },
      "robotId": "70",
      "deleted": 445,
      "index": 1
    }
  ],
  "baseMap": {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 766,
    "creator": "bvq2hc",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "rmpp9d",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "4kmnom",
    "resolution": 8.94,
    "originStr": "1wwvua",
    "occupiedThresh": 12.00,
    "negate": 294,
    "freeThresh": 69.97,
    "createdTime": "2023-01-12 15:15:54",
    "lastUpdated": "2023-01-12 15:15:54",
    "version": 920,
    "mapDesc": "cgyq1c",
    "deleted": 478,
    "angleReset": "mp97to",
    "identifyTriangle": true,
    "mapType": 664,
```

```
    "belong": "fu4thf",
    "bakParent": "5gjfe7",
    "imagePath": "ykms1v",
    "origin": [
      {
        "$ref": "...",
      }
    ],
    "project": {
      "$ref": "...",
    },
    "robot": {
      "$ref": "...",
    }
  },
  "virtualWalls": [
    {
      "wallId": "70",
      "planId": "70",
      "wallName": "milton.farrell",
      "lastUpdated": "2023-01-12 15:15:54",
      "createdBy": "wv7x0p",
      "pointSeq": "u2hdf0",
      "expansion": 45.09,
      "wallDesc": "ibihp8",
      "deleted": 994,
      "robotId": "70",
      "points": [
        {
          "$ref": "...",
        }
      ],
      "mapPlan": {
        "$ref": "...",
      }
    }
  ],
  "global": "apt41u"
}
```

```
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 654,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取地图上的所有规划信息 -- To query plan(s) by map ID

URL: http://127.0.0.1/map/mapPlan

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取地图上的所有规划信息 -- To query plan(s) by map ID

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/mapPlan?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 866,
```

```
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

根据规划ID获取规划信息 -- To query plan details by plan ID

URL: http://127.0.0.1/map/plan

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 根据规划ID获取规划信息 -- To query plan details by plan ID

Query-parameters:

Parameter	Type	Description	Required	Since
planId	string	ID of plan	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/plan?planId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 326,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

```
    }  
  }  
}
```

多条件查询规划信息 -- To query plan information with multiple criteria

URL: http://127.0.0.1/map/multiConditionPlan

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 多条件查询规划信息 -- To query plan information with multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
planId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
planName	string	No comments found.	false	-
planType	int32	No comments found.	false	-
planDesc	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
points	array	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-
└─position	object	No comments found.	false	-
└┬─x	double	No comments found.	false	-
└┬─y	double	No comments found.	false	-
└┬─orientation	object	No comments found.	false	-
└┬─x	double	No comments found.	false	-
└┬─y	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
└ _z	double	No comments found.	false	-
└ _w	double	No comments found.	false	-
└ _{robotId}	string	No comments found.	false	-
└ _{deleted}	int32	No comments found.	false	-
└ _{index}	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
└ _{mapId}	string	No comments found.	false	-
└ _{projectId}	string	No comments found.	false	-
└ _{floorNum}	int32	No comments found.	false	-
└ _{creator}	string	No comments found.	false	-
└ _{robotId}	string	No comments found.	false	-
└ _{mapName}	string	No comments found.	false	-
└ _{mapPath}	string	No comments found.	false	-
└ _{mapUrl}	string	No comments found.	false	-
└ _{image}	string	No comments found.	false	-
└ _{resolution}	float	No comments found.	false	-
└ _{originStr}	string	No comments found.	false	-
└ _{occupiedThresh}	float	No comments found.	false	-
└ _{negate}	int32	No comments found.	false	-
└ _{freeThresh}	float	No comments found.	false	-
└ _{createdTime}	string	No comments found.	false	-
└ _{lastUpdated}	string	No comments found.	false	-
└ _{version}	int32	No comments found.	false	-
└ _{mapDesc}	string	No comments found.	false	-
└ _{deleted}	int32	No comments found.	false	-
└ _{angleReset}	string	No comments found.	false	-
└ _{identifyTriangle}	boolean	No comments found.	false	-
└ _{mapType}	int32	No comments found.	false	-
└ _{belong}	string	No comments found.	false	-
└ _{bakParent}	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-
virtualWalls	array	No comments found.	false	-
└─wallId	string	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─wallName	string	No comments found.	false	-
└─lastUpdated	string	No comments found.	false	-
└─createdBy	string	No comments found.	false	-
└─pointSeq	string	No comments found.	false	-
└─expansion	double	No comments found.	false	-
└─wallDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─points	array	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─mapPlan	object	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳planName	string	No comments found.	false	-
↳planType	int32	No comments found.	false	-
↳planDesc	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳createdBy	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳points	array	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳virtualWalls	array	No comments found.	false	-
↳global	string	No comments found.	false	-
global	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/multiConditionPlan?
baseMap.project.version=824&baseMap.image=rzu1nw&baseMap.robot.lifecycleStatus=940
&planName=milton.farrell&baseMap.imagePath=jkx0sr&baseMap.robot.logPath=rhgo4g&vir
tualWalls[0].mapPlan.lastUpdated=2023-01-12
15:15:54&baseMap.robot.lastOnline=2023-01-12
15:15:54&baseMap.belong=at6iz3&virtualWalls[0].wallDesc=lkfb7r&virtualWalls[0].las
tUpdated=2023-01-12
15:15:54&baseMap.robot.robotName=milton.farrell&baseMap.project.longitude=4.96&bas
eMap.robot.robotType=210&baseMap.mapType=487&virtualWalls[0].mapPlan.robotId=70&ba
seMap.bakParent=4pmfg2&baseMap.project.creator=1wsti6&virtualWalls[0].expansion=87
.70&points[0].orientation.x=32.59&baseMap.mapDesc=ec31uu&baseMap.projectId=70&poin
ts[0].position.z=52.58&baseMap.project.projectName=milton.farrell&baseMap.robot.su
pplier=szjm2m&virtualWalls[0].points[0].z=6.69&baseMap.project.projectId=70&virtua
lWalls[0].wallName=milton.farrell&baseMap.robot.sizeHeight=27.95&virtualWalls[0].m
apPlan.mapId=70&baseMap.angleReset=p5odeg&virtualWalls[0].mapPlan.planDesc=snxj10&
points[0].deleted=708&baseMap.mapUrl=www.nicholle-
homenick.io&createdBy=ymxxe9&baseMap.occupiedThresh=3.78&baseMap.identifyTriangle=
true&baseMap.robot.robotId=70&virtualWalls[0].mapPlan.createdBy=fk9m7v&baseMap.rob
ot.orgId=70&baseMap.robot.sizeLength=62.67&baseMap.floorNum=639&baseMap.project.pr
ojectAddr=cop1z5&baseMap.project.deleted=461&virtualWalls[0].robotId=70&baseMap.ro
botId=70&baseMap.freeThresh=20.66&points[0].position.x=18.37&baseMap.resolution=34
.66&baseMap.robot.robotAlias=9o6dn2&baseMap.robot.aliveStatus=482&baseMap.mapName=
milton.farrell&virtualWalls[0].mapPlan.planId=70&virtualWalls[0].mapPlan.planName=
milton.farrell&virtualWalls[0].pointSeq=e6i1dk&virtualWalls[0].mapPlan.planType=40
5&baseMap.lastUpdated=2023-01-12
15:15:54&baseMap.originStr=gqfdq2&baseMap.robot.deleted=685&points[0].pointId=70&b
aseMap.project.orgId=70&points[0].position.y=64.58&baseMap.project.projectType=7on
```

```
2ve&baseMap.project.lowestFloor=602&baseMap.robot.sizeWidth=54.21&planId=70&baseMap
p.robot.robotBatch=eyi930&baseMap.mapId=70&baseMap.robot.projectId=70&baseMap.crea
tor=w7kt06&baseMap.project.createdTime=2023-01-12
15:15:54&baseMap.negate=498&baseMap.project.latitude=61.75&virtualWalls[0].planId=
70&robotId=70&baseMap.version=303&planDesc=c9px93&points[0].pointName=milton.farre
ll&points[0].mapId=70&virtualWalls[0].points[0].y=20.62&baseMap.project.projectDes
c=0vqrry&baseMap.createdTime=2023-01-12
15:15:54&virtualWalls[0].mapPlan.deleted=689&points[0].orientation.w=67.06&deleted
=417&virtualWalls[0].points[0].x=35.26&points[0].index=1&baseMap.mapPath=gusguw&ba
seMap.project.altitude=47.11&lastUpdated=2023-01-12
15:15:54&points[0].orientation.y=45.09&virtualWalls[0].deleted=904&global=0jjbnx&v
irtualWalls[0].wallId=70&mapId=70&baseMap.deleted=462&baseMap.project.highestFloor
=568&virtualWalls[0].mapPlan.global=cqpyc2&points[0].orientation.z=90.70&points[0]
.robotId=70&planType=78&points[0].pointType=339&virtualWalls[0].createdBy=8mfjv0&b
aseMap.robot.mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 848,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

创建/编辑虚拟墙信息, 需要预先获取资源锁 -- To create or edit virtual walls, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/virtualWall

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 创建/编辑虚拟墙信息, 需要预先获取资源锁 -- To create or edit virtual walls, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
wallId	string	No comments found.	false	-
planId	string	No comments found.	false	-
wallName	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
pointSeq	string	No comments found.	false	-
expansion	double	No comments found.	false	-
wallDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
points	array	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
mapPlan	object	No comments found.	false	-
└planId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└planName	string	No comments found.	false	-
└planType	int32	No comments found.	false	-
└planDesc	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└createdBy	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└points	array	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└orientation	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳virtualWalls	array	No comments found.	false	-
↳wallId	string	No comments found.	false	-
↳planId	string	No comments found.	false	-
↳wallName	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳createdBy	string	No comments found.	false	-
↳pointSeq	string	No comments found.	false	-
↳expansion	double	No comments found.	false	-
↳wallDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳points	array	No comments found.	false	-
↳mapPlan	object	No comments found.	false	-
↳global	string	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/virtualWall?userId=70 --data '[
{
  "wallId": "70",
  "planId": "70",
  "wallName": "milton.farrell",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "rsijp5",
```

```
"pointSeq": "gxot3s",
"expansion": 57.55,
"wallDesc": "yih9h8",
"deleted": 106,
"robotId": "70",
"points": [
  {
    "x": 63.30,
    "y": 67.55
  }
],
"mapPlan": {
  "planId": "70",
  "mapId": "70",
  "planName": "milton.farrell",
  "planType": 211,
  "planDesc": "z8f2us",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "l82wa2",
  "deleted": 774,
  "robotId": "70",
  "points": [
    {
      "$ref": "..."
    }
  ],
  "baseMap": {
    "$ref": "..."
  },
  "virtualWalls": [
    {
      "$ref": "..."
    }
  ],
  "global": "ujp253"
}
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:


```
{
  "code": 942,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取规划的虚拟墙, 需指定规划ID和虚拟墙ID或者选一指定 -- To query virtual walls of a plan by plan ID and/or wall ID

URL: http://127.0.0.1/map/virtualWall

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取规划的虚拟墙, 需指定规划ID和虚拟墙ID或者选一指定 -- To query virtual walls of a plan by plan ID and/or wall ID

Query-parameters:

Parameter	Type	Description	Required	Since
planId	string	ID of plan	false	-
wallId	string	ID of virtual wall	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/virtualWall?planId=70&wallId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 817,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除虚拟墙, 需要预先获取资源锁 -- To delete virtual walls, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/virtualWall

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除虚拟墙, 需要预先获取资源锁 -- To delete virtual walls, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
wallId	string	No comments found.	false	-
planId	string	No comments found.	false	-
wallName	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
pointSeq	string	No comments found.	false	-
expansion	double	No comments found.	false	-
wallDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
points	array	No comments found.	false	-
↳x	double	No comments found.	false	-
↳y	double	No comments found.	false	-
mapPlan	object	No comments found.	false	-
↳planId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳planName	string	No comments found.	false	-
↳planType	int32	No comments found.	false	-
↳planDesc	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳createdBy	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳points	array	No comments found.	false	-
↳pointId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳pointType	int32	No comments found.	false	-
↳pointName	string	No comments found.	false	-
↳position	object	No comments found.	false	-
↳orientation	object	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳index	int32	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└robot	object	No comments found.	false	-
└virtualWalls	array	No comments found.	false	-
└wallId	string	No comments found.	false	-
└planId	string	No comments found.	false	-
└wallName	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└createdBy	string	No comments found.	false	-
└pointSeq	string	No comments found.	false	-
└expansion	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳wallDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳points	array	No comments found.	false	-
↳mapPlan	object	No comments found.	false	-
↳global	string	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/virtualWall?userId=70 --data '[
{
  "wallId": "70",
  "planId": "70",
  "wallName": "milton.farrell",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "ytwd24",
  "pointSeq": "qn6i8n",
  "expansion": 77.87,
  "wallDesc": "2nusir",
  "deleted": 280,
  "robotId": "70",
  "points": [
    {
      "x": 97.29,
      "y": 8.95
    }
  ],
  "mapPlan": {
    "planId": "70",
    "mapId": "70",
    "planName": "milton.farrell",
    "planType": 33,
    "planDesc": "0qrsei",
    "lastUpdated": "2023-01-12 15:15:54",
    "createdBy": "cbkwee",
    "deleted": 259,
    "robotId": "70",
    "points": [
      {
        "$ref": "..."
      }
    ],
    "baseMap": {
      "$ref": "..."
    }
  },
  "virtualWalls": [
```

```
        {
            "$ref": "...",
        }
    ],
    "global": "2i7tx8"
}
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 751,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

用户订阅地图相关实时消息 -- Binding a map, to subscribe the realtime message attached to this map

URL: http://127.0.0.1/map/binding

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 用户订阅地图相关实时消息 -- Binding a map, to subscribe the realtime message attached to this map

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-
mapId	string	ID of map	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/binding?mapId=70&userId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 322,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

新建连通路径, 需要预先获取资源锁 -- To create a path, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/path

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 新建连通路径, 需要预先获取资源锁 -- To create a path, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
pathId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
point1Id	string	No comments found.	false	-
point2Id	string	No comments found.	false	-
distance	double	No comments found.	false	-
pathName	string	No comments found.	false	-
bidirectional	int32	No comments found.	false	-
point1	object	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└orientation	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└z	double	No comments found.	false	-
└w	double	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
point2	object	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳pointType	int32	No comments found.	false	-
↳pointName	string	No comments found.	false	-
↳position	object	No comments found.	false	-
↳x	double	No comments found.	false	-
↳y	double	No comments found.	false	-
↳orientation	object	No comments found.	false	-
↳x	double	No comments found.	false	-
↳y	double	No comments found.	false	-
↳z	double	No comments found.	false	-
↳w	double	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳index	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/path?userId=70 --data '{
  "pathId": "70",
  "mapId": "70",
  "point1Id": "70",
  "point2Id": "70",
  "distance": 24.10,
  "pathName": "milton.farrell",
  "bidirectional": 471,
  "point1": {
    "pointId": "70",
    "mapId": "70",
```

```
"pointType": 536,
"pointName": "milton.farrell",
"position": {
  "x": 46.37,
  "y": 64.53
},
"orientation": {
  "x": 23.08,
  "y": 64.36,
  "z": 66.52,
  "w": 2.91
},
"robotId": "70",
"deleted": 765,
"index": 1
},
"point2": {
  "pointId": "70",
  "mapId": "70",
  "pointType": 313,
  "pointName": "milton.farrell",
  "position": {
    "x": 13.42,
    "y": 46.23
  },
  "orientation": {
    "x": 11.72,
    "y": 86.85,
    "z": 59.33,
    "w": 40.04
  },
  "robotId": "70",
  "deleted": 193,
  "index": 1
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 979,
  "creator": "ve3qc5",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "outmyq",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "ns2rxd",
  "resolution": 89.37,
  "originStr": "ydop9d",
  "occupiedThresh": 71.82,
  "negate": 75,
  "freeThresh": 85.96,
  "createdTime": "2023-01-12 15:15:54",
  "lastUpdated": "2023-01-12 15:15:54",
  "version": 235,
  "mapDesc": "7uhvez",
```

```
"deleted": 787,
"angleReset": "fxro3n",
"identifyTriangle": true,
"mapType": 959,
"belong": "r7c0mp",
"bakParent": "cmmnvc",
"imagePath": "pmgbep",
"origin": [
  51.36
],
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "vmlwh3",
  "projectAddr": "ynju71",
  "creator": "g25vn0",
  "longitude": 48.32,
  "latitude": 6.06,
  "altitude": 17.85,
  "lowestFloor": 312,
  "highestFloor": 305,
  "createdTime": "2023-01-12 15:15:54",
  "deleted": 503,
  "projectDesc": "prv6qc",
  "version": 569,
  "organization": {
    "$ref": "..."
  },
  "robots": [
    {
      "$ref": "..."
    }
  ],
  "maps": [
    {
      "$ref": "..."
    }
  ],
  "users": [
    {
      "$ref": "..."
    }
  ]
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "74z1ji",
  "robotType": 181,
  "supplier": "0tx3wf",
  "robotBatch": "rqg1zz",
  "aliveStatus": 518,
  "lifecycleStatus": 920,
```

```
    "sizeLength": 29.51,
    "sizeWidth": 84.12,
    "sizeHeight": 64.96,
    "logPath": "j9x22r",
    "lastOnline": "2023-01-12 15:15:54",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 361,
    "project": {
      "$ref": "..."
    },
    "baseMap": {
      "$ref": "..."
    },
    "organization": {
      "$ref": "..."
    }
  }
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 773,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

查询地图的连通路径信息 -- To query path information by map ID

URL: http://127.0.0.1/map/path

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询地图的连通路径信息 -- To query path information by map ID

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/path?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 551,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除连通路径, 需要预先获取资源锁 -- To delete a path, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/path

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除连通路径, 需要预先获取资源锁 -- To delete a path, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
pathId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
point1Id	string	No comments found.	false	-
point2Id	string	No comments found.	false	-
distance	double	No comments found.	false	-
pathName	string	No comments found.	false	-
bidirectional	int32	No comments found.	false	-
point1	object	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└orientation	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└z	double	No comments found.	false	-
└w	double	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
point2	object	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-
└─position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─orientation	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─z	double	No comments found.	false	-
└─w	double	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─index	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─floorNum	int32	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─mapPath	string	No comments found.	false	-
└─mapUrl	string	No comments found.	false	-
└─image	string	No comments found.	false	-
└─resolution	float	No comments found.	false	-
└─originStr	string	No comments found.	false	-
└─occupiedThresh	float	No comments found.	false	-
└─negate	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/path?userId=70 --data '{
  "pathId": "70",
  "mapId": "70",
  "point1Id": "70",
  "point2Id": "70",
}
```

```
"distance": 27.94,
"pathName": "milton.farrell",
"bidirectional": 525,
"point1": {
  "pointId": "70",
  "mapId": "70",
  "pointType": 637,
  "pointName": "milton.farrell",
  "position": {
    "x": 39.78,
    "y": 48.89
  },
  "orientation": {
    "x": 72.82,
    "y": 17.58,
    "z": 19.99,
    "w": 1.48
  },
  "robotId": "70",
  "deleted": 467,
  "index": 1
},
"point2": {
  "pointId": "70",
  "mapId": "70",
  "pointType": 438,
  "pointName": "milton.farrell",
  "position": {
    "x": 55.06,
    "y": 7.07
  },
  "orientation": {
    "x": 92.25,
    "y": 44.39,
    "z": 0.01,
    "w": 49.67
  },
  "robotId": "70",
  "deleted": 898,
  "index": 1
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 244,
  "creator": "5x629e",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "6uks21",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "iiruqo",
  "resolution": 56.08,
  "originStr": "ejw95p",
  "occupiedThresh": 15.77,
```

```
"negate": 470,
"freeThresh": 97.36,
"createdTime": "2023-01-12 15:15:54",
"lastUpdated": "2023-01-12 15:15:54",
"version": 880,
"mapDesc": "7b2dfj",
"deleted": 161,
"angleReset": "9nbth8",
"identifyTriangle": true,
"mapType": 50,
"belong": "j23hdl",
"bakParent": "16ww1c",
"imagePath": "eb2jdz",
"origin": [
  12.68
],
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "ixewie",
  "projectAddr": "tbt08v",
  "creator": "jhrvsj",
  "longitude": 90.47,
  "latitude": 6.15,
  "altitude": 41.79,
  "lowestFloor": 26,
  "highestFloor": 654,
  "createdTime": "2023-01-12 15:15:54",
  "deleted": 618,
  "projectDesc": "qcg5ui",
  "version": 941,
  "organization": {
    "$ref": "...",
  },
  "robots": [
    {
      "$ref": "...",
    }
  ],
  "maps": [
    {
      "$ref": "...",
    }
  ],
  "users": [
    {
      "$ref": "...",
    }
  ]
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
```

```
    "robotAlias": "ky7wy8",
    "robotType": 760,
    "supplier": "4dr26g",
    "robotBatch": "46lo68",
    "aliveStatus": 91,
    "lifecycleStatus": 741,
    "sizeLength": 8.00,
    "sizeWidth": 78.13,
    "sizeHeight": 70.97,
    "logPath": "q1fi9k",
    "lastOnline": "2023-01-12 15:15:54",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 825,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 806,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

新增/编辑规划中的点位数据, 需要预先获取资源锁 -- To create or edit point information of a plan, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/structuredPoint

Type: GET

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 新增/编辑规划中的点位数据, 需要预先获取资源锁 -- To create or edit point information of a plan, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
planId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
planName	string	No comments found.	false	-
planType	int32	No comments found.	false	-
planDesc	string	No comments found.	false	-
lastUpdated	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
points	array	No comments found.	false	-
└─pointId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─pointType	int32	No comments found.	false	-
└─pointName	string	No comments found.	false	-
└─position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
└orientation	object	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-
└z	double	No comments found.	false	-
└w	double	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-

Parameter	Type	Description	Required	Since
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
virtualWalls	array	No comments found.	false	-
└wallId	string	No comments found.	false	-
└planId	string	No comments found.	false	-
└wallName	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└createdBy	string	No comments found.	false	-
└pointSeq	string	No comments found.	false	-
└expansion	double	No comments found.	false	-
└wallDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└robotId	string	No comments found.	false	-
└points	array	No comments found.	false	-
└x	double	No comments found.	false	-
└y	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapPlan	object	No comments found.	false	-
↳planId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳planName	string	No comments found.	false	-
↳planType	int32	No comments found.	false	-
↳planDesc	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳createdBy	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳points	array	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳virtualWalls	array	No comments found.	false	-
↳global	string	No comments found.	false	-
global	string	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/structuredPoint?userId=70 --data '{
  "planId": "70",
  "mapId": "70",
  "planName": "milton.farrell",
  "planType": 885,
  "planDesc": "wnr9f4",
  "lastUpdated": "2023-01-12 15:15:54",
  "createdBy": "zkmwb0",
  "deleted": 568,
  "robotId": "70",
  "points": [
    {
      "pointId": "70",
      "mapId": "70",
      "pointType": 919,
      "pointName": "milton.farrell",
      "position": {
        "x": 52.77,
        "y": 53.33
      },
      "orientation": {
```

```
        "x": 98.66,  
        "y": 3.41,  
        "z": 87.71,  
        "w": 26.28  
    },  
    "robotId": "70",  
    "deleted": 718,  
    "index": 1  
  }  
],  
"baseMap": {  
  "mapId": "70",  
  "projectId": "70",  
  "floorNum": 331,  
  "creator": "1agqvs",  
  "robotId": "70",  
  "mapName": "milton.farrell",  
  "mapPath": "m8n2b7",  
  "mapUrl": "www.nicholle-homenick.io",  
  "image": "i4alea",  
  "resolution": 74.09,  
  "originStr": "ige8cy",  
  "occupiedThresh": 64.47,  
  "negate": 20,  
  "freeThresh": 68.82,  
  "createdTime": "2023-01-12 15:15:54",  
  "lastUpdated": "2023-01-12 15:15:54",  
  "version": 507,  
  "mapDesc": "hqb3m6",  
  "deleted": 615,  
  "angleReset": "msedl7",  
  "identifyTriangle": true,  
  "mapType": 475,  
  "belong": "a8360o",  
  "bakParent": "s8hp2x",  
  "imagePath": "rma76h",  
  "origin": [  
    51.52  
  ],  
  "project": {  
    "projectId": "70",  
    "orgId": "70",  
    "projectName": "milton.farrell",  
    "projectType": "un5kq6",  
    "projectAddr": "gd4t0e",  
    "creator": "dppx9o",  
    "longitude": 47.37,  
    "latitude": 53.79,  
    "altitude": 20.50,  
    "lowestFloor": 634,  
    "highestFloor": 476,  
    "createdTime": "2023-01-12 15:15:54",  
    "deleted": 431,  
    "projectDesc": "rv3emp",
```

```
"version": 878,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "bmgxpe",
  "robotType": 914,
  "supplier": "pexpr1",
  "robotBatch": "pwz68q",
  "aliveStatus": 547,
  "lifecycleStatus": 651,
  "sizeLength": 82.45,
  "sizeWidth": 26.35,
  "sizeHeight": 56.55,
  "logPath": "9wfyqu",
  "lastOnline": "2023-01-12 15:15:54",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 666,
  "project": {
    "$ref": "...",
  },
  "baseMap": {
    "$ref": "...",
  },
  "organization": {
    "$ref": "...",
  }
}
},
"virtualWalls": [
  {
    "wallId": "70",
    "planId": "70",
    "wallName": "milton.farrell",
```

```
    "lastUpdated": "2023-01-12 15:15:54",
    "createdBy": "bhaem0",
    "pointSeq": "1a061s",
    "expansion": 25.36,
    "wallDesc": "aqvlum",
    "deleted": 55,
    "robotId": "70",
    "points": [
      {
        "x": 82.13,
        "y": 37.66
      }
    ],
    "mapPlan": {
      "planId": "70",
      "mapId": "70",
      "planName": "milton.farrell",
      "planType": 149,
      "planDesc": "p5u38y",
      "lastUpdated": "2023-01-12 15:15:54",
      "createdBy": "66klpt",
      "deleted": 67,
      "robotId": "70",
      "points": [
        {
          "$ref": "... "
        }
      ],
      "baseMap": {
        "$ref": "... "
      },
      "virtualWalls": [
        {
          "$ref": "... "
        }
      ],
      "global": "zdun2z"
    }
  },
  "global": "2feyfd"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-

Field	Type	Description	Since
data	object	No comments found.	-

Response-example:

```
{
  "code": 209,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

编辑点位信息, 需预先获取资源锁 -- To edit a point, with a basic prerequisite of acquiring the lock of it

URL: http://127.0.0.1/map/point

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 编辑点位信息, 需预先获取资源锁 -- To edit a point, with a basic prerequisite of acquiring the lock of it

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
pointId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
pointType	int32	No comments found.	false	-
pointName	string	No comments found.	false	-
position	object	No comments found.	false	-
$\angle x$	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
\perp_y	double	No comments found.	false	-
orientation	object	No comments found.	false	-
\perp_x	double	No comments found.	false	-
\perp_y	double	No comments found.	false	-
\perp_z	double	No comments found.	false	-
\perp_w	double	No comments found.	false	-
robotId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
index	int32	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/point?userId=70 --data '{
  "pointId": "70",
  "mapId": "70",
  "pointType": 937,
  "pointName": "milton.farrell",
  "position": {
    "x": 49.96,
    "y": 45.81
  },
  "orientation": {
    "x": 88.25,
    "y": 39.41,
    "z": 92.46,
    "w": 24.72
  },
  "robotId": "70",
  "deleted": 875,
  "index": 1
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 838,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除点位 -- To delete a point

URL: http://127.0.0.1/map/point

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除点位 -- To delete a point

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
pointId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
pointType	int32	No comments found.	false	-
pointName	string	No comments found.	false	-
position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
orientation	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-

Parameter	Type	Description	Required	Since
\perp_z	double	No comments found.	false	-
\perp_w	double	No comments found.	false	-
robotId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
index	int32	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/map/point?userId=70 --data '{
  "pointId": "70",
  "mapId": "70",
  "pointType": 134,
  "pointName": "milton.farrell",
  "position": {
    "x": 97.12,
    "y": 27.32
  },
  "orientation": {
    "x": 64.64,
    "y": 15.77,
    "z": 48.26,
    "w": 26.87
  },
  "robotId": "70",
  "deleted": 890,
  "index": 1
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 258,
  "message": "success",
```

```
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

多条件查询点位信息 -- To query points by multiple criteria

URL: http://127.0.0.1/map/points

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 多条件查询点位信息 -- To query points by multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
pointId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
pointType	int32	No comments found.	false	-
pointName	string	No comments found.	false	-
position	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
orientation	object	No comments found.	false	-
└─x	double	No comments found.	false	-
└─y	double	No comments found.	false	-
└─z	double	No comments found.	false	-
└─w	double	No comments found.	false	-
robotId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
index	int32	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/map/points?
orientation.z=0.88&pointId=70&orientation.x=23.51&pointName=milton.farrell&orienta
```

```
tion.y=51.64&orientation.w=20.44&mapId=70&position.z=4.56&position.x=92.94&position.y=73.01&robotId=70&pointType=547&deleted=105&index=1
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 972,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

配置 -- Configuration

查询机器人配置信息 -- To query robot parameters

URL: http://127.0.0.1/params/robot

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询机器人配置信息 -- To query robot parameters

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-
moduleType	int32	module type of robot parameters	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/params/robot?robotId=70&moduleType=581
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 494,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

设置机器人配置 -- To modify robot parameters

URL: http://127.0.0.1/params/robot/{robotId}

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 设置机器人配置 -- To modify robot parameters

Path-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot, url path variable	true	-

Body-parameters:

Parameter	Type	Description	Required	Since
moduleType	int32	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/params/robot/70 --data '{
  "moduleType": 178
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 514,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

项目 -- Project

创建项目 -- To create a project

URL: http://127.0.0.1/project/setProject

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 创建项目 -- To create a project

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectName	string	No comments found.	false	-
projectType	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
longitude	float	No comments found.	false	-
latitude	float	No comments found.	false	-
altitude	float	No comments found.	false	-
lowestFloor	int32	No comments found.	false	-
highestFloor	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectDesc	string	No comments found.	false	-
version	int32	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─└─projectId	string	No comments found.	false	-
└─└─orgId	string	No comments found.	false	-
└─└─projectName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
robots	array	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-
└─lowestFloor	int32	No comments found.	false	-
└─highestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
maps	array	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─maps	array	No comments found.	false	-
└─users	array	No comments found.	false	-
└─robot	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-
users	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robots	array	No comments found.	false	-
└permissions	array	No comments found.	false	-
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└userId	string	No comments found.	false	-
└username	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└menuList	array	No comments found.	false	-
└permissionList	array	No comments found.	false	-
└role	object	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└createTime	string	No comments found.	false	-
└roleDesc	string	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└permissions	array	No comments found.	false	-
└projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/project/setProject?userId=70 --data '{
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "hvrbps",
  "projectAddr": "dszrj2",
  "creator": "urh1mc",
  "longitude": 85.69,
  "latitude": 8.84,
  "altitude": 38.35,
  "lowestFloor": 255,
  "highestFloor": 45,
  "createdTime": "2023-01-12 15:15:55",
  "deleted": 330,
  "projectDesc": "tee104",
  "version": 633,
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 47,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "2kuhkr",
```

```
"orgDesc": "63utcu",
"deleted": 964,
"orgLogo": "xd6x71",
"orgTel": "3enrlc",
"projects": [
  {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "8bhj0s",
    "projectAddr": "72achs",
    "creator": "zrsc7s",
    "longitude": 90.91,
    "latitude": 29.48,
    "altitude": 29.70,
    "lowestFloor": 963,
    "highestFloor": 157,
    "createdTime": "2023-01-12 15:15:55",
    "deleted": 166,
    "projectDesc": "ndqbrz",
    "version": 73,
    "organization": {
      "$ref": "...",
    },
    "robots": [
      {
        "$ref": "...",
      }
    ],
    "maps": [
      {
        "$ref": "...",
      }
    ],
    "users": [
      {
        "$ref": "...",
      }
    ]
  }
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "9sbtwv",
    "username": "milton.farrell",
    "password": "a9hja2",
    "avatar": "e5tcqq",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "bdxopb",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:55",
```

```
"lastOnline": "2023-01-12 15:15:55",
"deleted": 734,
"locked": 151,
"effectTime": "2023-01-12 15:15:55",
"failureTime": "2023-01-12 15:15:55",
"remainingPeriod": "1x55py",
"organization": {
  "$ref": "...",
},
"permissions": [
  {
    "$ref": "...",
  }
],
"userPermission": {
  "$ref": "...",
},
"role": {
  "$ref": "...",
},
"projects": [
  {
    "$ref": "...",
  }
]
},
],
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "kvjog4",
    "robotType": 876,
    "supplier": "gphgys",
    "robotBatch": "3z9akn",
    "aliveStatus": 733,
    "lifecycleStatus": 493,
    "sizeLength": 40.65,
    "sizeWidth": 25.53,
    "sizeHeight": 85.73,
    "logPath": "4dccap",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 751,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
]
```

```

    }
  }
]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "balrs3",
    "robotType": 343,
    "supplier": "fpkfb1",
    "robotBatch": "6n63cu",
    "aliveStatus": 828,
    "lifecycleStatus": 141,
    "sizeLength": 78.86,
    "sizeWidth": 26.82,
    "sizeHeight": 64.40,
    "logPath": "mt4uac",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 80,
    "project": {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "cbd9p8",
      "projectAddr": "ak6ha7",
      "creator": "sarbn8",
      "longitude": 7.17,
      "latitude": 85.49,
      "altitude": 52.14,
      "lowestFloor": 546,
      "highestFloor": 927,
      "createdTime": "2023-01-12 15:15:55",
      "deleted": 110,
      "projectDesc": "h6c467",
      "version": 549,
      "organization": {
        "$ref": "..."
      }
    },
    "robots": [
      {
        "$ref": "..."
      }
    ],
    "maps": [
      {
        "$ref": "..."
      }
    ],
    "users": [
      {

```

```

        "$ref": "...",
      }
    ]
  },
  "baseMap": {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 11,
    "creator": "vq42xu",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "onob17",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "1awn9u",
    "resolution": 17.42,
    "originStr": "lono8p",
    "occupiedThresh": 56.04,
    "negate": 952,
    "freeThresh": 3.70,
    "createdTime": "2023-01-12 15:15:55",
    "lastUpdated": "2023-01-12 15:15:55",
    "version": 694,
    "mapDesc": "rashkq",
    "deleted": 140,
    "angleReset": "otf9op",
    "identifyTriangle": true,
    "mapType": 804,
    "belong": "3b3wc4",
    "bakParent": "jeljw3",
    "imagePath": "9e0of1",
    "origin": [
      {
        "$ref": "...",
      }
    ],
    "project": {
      "$ref": "...",
    },
    "robot": {
      "$ref": "...",
    }
  },
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 781,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "efsgzq",
    "orgDesc": "978hhs",
    "deleted": 249,
    "orgLogo": "lbhcr4",
    "orgTel": "suzr3o",
    "projects": [

```

```

        {
            "$ref": "...",
        }
    ],
    "users": [
        {
            "$ref": "...",
        }
    ],
    "robots": [
        {
            "$ref": "...",
        }
    ]
}
],
"maps": [
    {
        "mapId": "70",
        "projectId": "70",
        "floorNum": 945,
        "creator": "pqiydp",
        "robotId": "70",
        "mapName": "milton.farrell",
        "mapPath": "aa2ngj",
        "mapUrl": "www.nicholle-homenick.io",
        "image": "pdmim",
        "resolution": 35.83,
        "originStr": "o56398",
        "occupiedThresh": 14.08,
        "negate": 11,
        "freeThresh": 75.53,
        "createdTime": "2023-01-12 15:15:55",
        "lastUpdated": "2023-01-12 15:15:55",
        "version": 910,
        "mapDesc": "a88qkf",
        "deleted": 773,
        "angleReset": "kfj2r9",
        "identifyTriangle": true,
        "mapType": 860,
        "belong": "9vku3j",
        "bakParent": "eu2ozc",
        "imagePath": "bnkc66",
        "origin": [
            14.60
        ],
    },
    "project": {
        "projectId": "70",
        "orgId": "70",
        "projectName": "milton.farrell",
        "projectType": "cbywju",
        "projectAddr": "3wwcmc",
        "creator": "dwumde",
    },

```

```
"longitude": 52.85,
"latitude": 34.61,
"altitude": 45.03,
"lowestFloor": 333,
"highestFloor": 431,
"createdTime": "2023-01-12 15:15:55",
"deleted": 348,
"projectDesc": "2kfy3t",
"version": 691,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "2crynr",
  "robotType": 225,
  "supplier": "f1eqqw",
  "robotBatch": "j9vgn7",
  "aliveStatus": 657,
  "lifecycleStatus": 305,
  "sizeLength": 77.19,
  "sizeWidth": 36.42,
  "sizeHeight": 83.61,
  "logPath": "jeolgi",
  "lastOnline": "2023-01-12 15:15:55",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 990,
  "project": {
    "$ref": "...",
  },
  "baseMap": {
    "$ref": "...",
  },
  "organization": {
    "$ref": "...",
  }
}
```

```

    }
  }
},
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "kz6gzx",
    "username": "milton.farrell",
    "password": "xt49m0",
    "avatar": "mswgp",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "p3foq3",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:55",
    "lastOnline": "2023-01-12 15:15:55",
    "deleted": 900,
    "locked": 999,
    "effectTime": "2023-01-12 15:15:55",
    "failureTime": "2023-01-12 15:15:55",
    "remainingPeriod": "ghs3oa",
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 366,
      "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
      "defaultPrj": "30vzcs",
      "orgDesc": "jnrp79",
      "deleted": 70,
      "orgLogo": "9t57py",
      "orgTel": "z6pvhx",
      "projects": [
        {
          "$ref": "..."
        }
      ],
      "users": [
        {
          "$ref": "..."
        }
      ],
      "robots": [
        {
          "$ref": "..."
        }
      ]
    },
    "permissions": [
      {
        "permissionId": "70",
        "menuCode": "96677",

```



```
        "menuName": "milton.farrell",
        "permissionCode": "96677",
        "permissionName": "milton.farrell",
        "url": "www.nicholle-homenick.io",
        "requiredPermission": 714,
        "deleteStatus": 549
    }
],
"userPermission": {
    "userId": "70",
    "username": "milton.farrell",
    "roleId": "70",
    "roleName": "milton.farrell",
    "menuList": [
        "78501i"
    ],
    "permissionList": [
        "9jrxkq"
    ]
},
"role": {
    "roleId": "70",
    "roleName": "milton.farrell",
    "createTime": "2023-01-12 15:15:55",
    "roleDesc": "rqw1tu",
    "deleteStatus": 509,
    "permissions": [
        {
            "$ref": "..."
        }
    ]
},
"projects": [
    {
        "projectId": "70",
        "orgId": "70",
        "projectName": "milton.farrell",
        "projectType": "o3gtl9",
        "projectAddr": "bd5rsj",
        "creator": "66a8xh",
        "longitude": 67.78,
        "latitude": 4.65,
        "altitude": 64.83,
        "lowestFloor": 86,
        "highestFloor": 434,
        "createdTime": "2023-01-12 15:15:55",
        "deleted": 356,
        "projectDesc": "vdv4po",
        "version": 809,
        "organization": {
            "$ref": "..."
        },
        "robots": [
            {
```

```
        "$ref": "...",
      },
    ],
    "maps": [
      {
        "$ref": "...",
      },
    ],
    "users": [
      {
        "$ref": "...",
      },
    ],
  ],
},
],
},
],
},
]
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 536,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

分页条件搜索组织所属的项目 -- Paging search projects by organization ID and multiple criteria

URL: http://127.0.0.1/project/allProject

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 分页条件搜索组织所属的项目 -- Paging search projects by organization ID and multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
organizationId	string	ID of organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectType	int32	No comments found.	false	-
projectName	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
createdTime	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/project/allProject?orgId=70&projectType=232&creator=366i4q&projectId=70&projectName=milton.farrell&pageSize=10&createdTime=2023-01-12 15:15:55&organizationId=70&projectAddr=y2oe4t&page=1
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  "code": 610,  "message": "success",  "generalMessage": "success",  "data": {
```

```
    "waring": "You may have used non-display generics."
  }
}
```

分页条件搜索组织所属的项目 -- Paging search projects by organization ID and multiple criteria

URL: http://127.0.0.1/project/orgProject

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 分页条件搜索组织所属的项目 -- Paging search projects by organization ID and multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
organizationId	string	ID of organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectType	int32	No comments found.	false	-
projectName	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
createdTime	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/project/orgProject?
projectAddr=fc46cp&projectName=milton.farrell&page=1&projectType=784&createdTime=2
023-01-12
15:15:55&projectId=70&organizationId=70&orgId=70&pageSize=10&creator=6sngiq
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-

Field	Type	Description	Since
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 984,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除项目 -- To delete a project

URL: http://127.0.0.1/project/deleteProject

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除项目 -- To delete a project

Body-parameters:

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectName	string	No comments found.	false	-
projectType	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
longitude	float	No comments found.	false	-
latitude	float	No comments found.	false	-
altitude	float	No comments found.	false	-
lowestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
highestFloor	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectDesc	string	No comments found.	false	-
version	int32	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─└─projectId	string	No comments found.	false	-
└─└─orgId	string	No comments found.	false	-
└─└─projectName	string	No comments found.	false	-
└─└─projectType	string	No comments found.	false	-
└─└─projectAddr	string	No comments found.	false	-
└─└─creator	string	No comments found.	false	-
└─└─longitude	float	No comments found.	false	-
└─└─latitude	float	No comments found.	false	-
└─└─altitude	float	No comments found.	false	-
└─└─lowestFloor	int32	No comments found.	false	-
└─└─highestFloor	int32	No comments found.	false	-
└─└─createdTime	string	No comments found.	false	-
└─└─deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└robot	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
users	array	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-
↳menuCode	string	No comments found.	false	-
↳menuName	string	No comments found.	false	-
↳permissionCode	string	No comments found.	false	-
↳permissionName	string	No comments found.	false	-
↳url	string	No comments found.	false	-
↳requiredPermission	int32	No comments found.	false	-
↳deleteStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─userPermission	object	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─roleName	string	No comments found.	false	-
└─menuList	array	No comments found.	false	-
└─permissionList	array	No comments found.	false	-
└─role	object	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─roleName	string	No comments found.	false	-
└─createTime	string	No comments found.	false	-
└─roleDesc	string	No comments found.	false	-
└─deleteStatus	int32	No comments found.	false	-
└─permissions	array	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-
└─lowestFloor	int32	No comments found.	false	-
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/project/deleteProject --data '{
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "xz1ko3",
  "projectAddr": "wbjffn",
  "creator": "j0ci9o",
  "longitude": 12.66,
  "latitude": 53.62,
  "altitude": 89.14,
  "lowestFloor": 292,
  "highestFloor": 796,
  "createdTime": "2023-01-12 15:15:55",
  "deleted": 185,
  "projectDesc": "x1br53",
  "version": 872,
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 378,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "qsrtwr",
    "orgDesc": "g8xcyd",
    "deleted": 915,
    "orgLogo": "yh00ue",
    "orgTel": "tm203i",
    "projects": [
      {
        "projectId": "70",
        "orgId": "70",
        "projectName": "milton.farrell",
        "projectType": "mgxwoa",
        "projectAddr": "6tct4m",
        "creator": "vv3u63",
        "longitude": 83.16,
        "latitude": 17.29,
        "altitude": 79.24,
        "lowestFloor": 709,
        "highestFloor": 317,
```



```
"createdTime": "2023-01-12 15:15:55",
"deleted": 916,
"projectDesc": "3rkvs0",
"version": 540,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "pan95j",
    "username": "milton.farrell",
    "password": "j21key",
    "avatar": "2zfvjhu",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "lsw4lg",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:55",
    "lastOnline": "2023-01-12 15:15:55",
    "deleted": 194,
    "locked": 341,
    "effectTime": "2023-01-12 15:15:55",
    "failureTime": "2023-01-12 15:15:55",
    "remainingPeriod": "d3ko9d",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
        "$ref": "...",
      }
    ],
    "userPermission": {
      "$ref": "...",
    },
  },
],
```

```

    "role": {
      "$ref": "...",
    },
    "projects": [
      {
        "$ref": "...",
      }
    ]
  },
],
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "dks8qv",
    "robotType": 75,
    "supplier": "5pb9an",
    "robotBatch": "qcb86f",
    "aliveStatus": 29,
    "lifecycleStatus": 567,
    "sizeLength": 18.39,
    "sizeWidth": 80.24,
    "sizeHeight": 54.71,
    "logPath": "li1oq7",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 88,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "1bp2iy",
    "robotType": 984,
    "supplier": "vrjblh",
    "robotBatch": "6euazj",
    "aliveStatus": 520,
    "lifecycleStatus": 782,
    "sizeLength": 97.10,
    "sizeWidth": 88.34,
    "sizeHeight": 59.43,

```

```
"logPath": "79ovvv",
"lastOnline": "2023-01-12 15:15:55",
"orgId": "70",
"projectId": "70",
"mapId": "70",
"deleted": 676,
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "myye7n",
  "projectAddr": "p1qjbw",
  "creator": "7th20t",
  "longitude": 27.89,
  "latitude": 39.18,
  "altitude": 81.89,
  "lowestFloor": 459,
  "highestFloor": 992,
  "createdTime": "2023-01-12 15:15:55",
  "deleted": 714,
  "projectDesc": "8bkwhk",
  "version": 594,
  "organization": {
    "$ref": "...",
  },
  "robots": [
    {
      "$ref": "...",
    }
  ],
  "maps": [
    {
      "$ref": "...",
    }
  ],
  "users": [
    {
      "$ref": "...",
    }
  ]
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 999,
  "creator": "glwu8n",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "1se8lh",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "a4wf1r",
  "resolution": 42.22,
  "originStr": "ttedxx",
  "occupiedThresh": 34.75,
```

```

    "negate": 201,
    "freeThresh": 19.66,
    "createdTime": "2023-01-12 15:15:55",
    "lastUpdated": "2023-01-12 15:15:55",
    "version": 193,
    "mapDesc": "xaen0z",
    "deleted": 179,
    "angleReset": "68kbuc",
    "identifyTriangle": true,
    "mapType": 195,
    "belong": "7edysp",
    "bakParent": "3ajb00",
    "imagePath": "0am74k",
    "origin": [
      {
        "$ref": "..."
      }
    ],
    "project": {
      "$ref": "..."
    },
    "robot": {
      "$ref": "..."
    }
  },
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 854,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "98cdfc",
    "orgDesc": "jo77bo",
    "deleted": 751,
    "orgLogo": "y2wact",
    "orgTel": "c0ywsk",
    "projects": [
      {
        "$ref": "..."
      }
    ],
    "users": [
      {
        "$ref": "..."
      }
    ],
    "robots": [
      {
        "$ref": "..."
      }
    ]
  }
},
],

```

```
"maps": [
  {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 706,
    "creator": "n8mdw1",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "i3cq0j",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "o01ogm",
    "resolution": 61.17,
    "originStr": "7ka3ef",
    "occupiedThresh": 78.30,
    "negate": 873,
    "freeThresh": 47.55,
    "createdTime": "2023-01-12 15:15:55",
    "lastUpdated": "2023-01-12 15:15:55",
    "version": 154,
    "mapDesc": "6zs4vh",
    "deleted": 160,
    "angleReset": "ajlpxq",
    "identifyTriangle": true,
    "mapType": 594,
    "belong": "jveiem",
    "bakParent": "d9ag1i",
    "imagePath": "zfw097",
    "origin": [
      53.30
    ],
    "project": {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "jlpzkj",
      "projectAddr": "6ogujr",
      "creator": "4v5g5q",
      "longitude": 24.89,
      "latitude": 51.71,
      "altitude": 75.79,
      "lowestFloor": 609,
      "highestFloor": 143,
      "createdTime": "2023-01-12 15:15:55",
      "deleted": 750,
      "projectDesc": "g56svc",
      "version": 95,
      "organization": {
        "$ref": "..."
      },
      "robots": [
        {
          "$ref": "..."
        }
      ]
    }
  ],
```

```

    "maps": [
      {
        "$ref": "... "
      }
    ],
    "users": [
      {
        "$ref": "... "
      }
    ]
  },
  "robot": {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "30k3hc",
    "robotType": 245,
    "supplier": "axxsds",
    "robotBatch": "f9qxfb",
    "aliveStatus": 941,
    "lifecycleStatus": 317,
    "sizeLength": 71.64,
    "sizeWidth": 83.16,
    "sizeHeight": 13.62,
    "logPath": "sfyzuv",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 469,
    "project": {
      "$ref": "... "
    },
    "baseMap": {
      "$ref": "... "
    },
    "organization": {
      "$ref": "... "
    }
  }
},
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "e5vm0p",
    "username": "milton.farrell",
    "password": "n70xr5",
    "avatar": "wa6dc8",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "6im8k4",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:55",

```

```
"lastOnline": "2023-01-12 15:15:55",
"deleted": 275,
"locked": 53,
"effectTime": "2023-01-12 15:15:55",
"failureTime": "2023-01-12 15:15:55",
"remainingPeriod": "dc8uu4",
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 533,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "vd0voc",
  "orgDesc": "orv00v",
  "deleted": 336,
  "orgLogo": "obmsbt",
  "orgTel": "5mlpdw",
  "projects": [
    {
      "$ref": "...",
    }
  ],
  "users": [
    {
      "$ref": "...",
    }
  ],
  "robots": [
    {
      "$ref": "...",
    }
  ]
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 963,
    "deleteStatus": 868
  }
],
"userPermission": {
  "userId": "70",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "menuList": [
    "6o4se2"
  ],
  "permissionList": [
```

```
    "qru1q1"
  ]
},
"role": {
  "roleId": "70",
  "roleName": "milton.farrell",
  "createTime": "2023-01-12 15:15:55",
  "roleDesc": "1qwamr",
  "deleteStatus": 277,
  "permissions": [
    {
      "$ref": "... "
    }
  ]
},
"projects": [
  {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "2nvqao",
    "projectAddr": "8473y3",
    "creator": "j3camj",
    "longitude": 49.15,
    "latitude": 88.70,
    "altitude": 56.64,
    "lowestFloor": 51,
    "highestFloor": 85,
    "createdTime": "2023-01-12 15:15:55",
    "deleted": 113,
    "projectDesc": "11tjs5",
    "version": 739,
    "organization": {
      "$ref": "... "
    },
    "robots": [
      {
        "$ref": "... "
      }
    ],
    "maps": [
      {
        "$ref": "... "
      }
    ],
    "users": [
      {
        "$ref": "... "
      }
    ]
  }
]
}
```



```
    ]
  }'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 186,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

批量删除项目 -- To delete projects

URL: http://127.0.0.1/project/delProjects

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 批量删除项目 -- To delete projects

Body-parameters:

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectName	string	No comments found.	false	-
projectType	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
longitude	float	No comments found.	false	-
latitude	float	No comments found.	false	-
altitude	float	No comments found.	false	-
lowestFloor	int32	No comments found.	false	-
highestFloor	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectDesc	string	No comments found.	false	-
version	int32	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─└─projectId	string	No comments found.	false	-
└─└─orgId	string	No comments found.	false	-
└─└─projectName	string	No comments found.	false	-
└─└─projectType	string	No comments found.	false	-
└─└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└users	array	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└permissions	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─userPermission	object	No comments found.	false	-
└─role	object	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-
robots	array	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└└projectId	string	No comments found.	false	-
└└orgId	string	No comments found.	false	-
└└projectName	string	No comments found.	false	-
└└projectType	string	No comments found.	false	-
└└projectAddr	string	No comments found.	false	-
└└creator	string	No comments found.	false	-
└└longitude	float	No comments found.	false	-
└└latitude	float	No comments found.	false	-
└└altitude	float	No comments found.	false	-
└└lowestFloor	int32	No comments found.	false	-
└└highestFloor	int32	No comments found.	false	-
└└createdTime	string	No comments found.	false	-
└└deleted	int32	No comments found.	false	-
└└projectDesc	string	No comments found.	false	-
└└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robot	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
users	array	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-
↳menuCode	string	No comments found.	false	-
↳menuName	string	No comments found.	false	-
↳permissionCode	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└userId	string	No comments found.	false	-
└username	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└menuList	array	No comments found.	false	-
└permissionList	array	No comments found.	false	-
└role	object	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└createTime	string	No comments found.	false	-
└roleDesc	string	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└permissions	array	No comments found.	false	-
└projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/project/delProjects --data '[
{
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "27aq05",
  "projectAddr": "bitwag",
  "creator": "a8ayt1",
  "longitude": 26.86,
  "latitude": 80.21,
  "altitude": 69.16,
  "lowestFloor": 83,
  "highestFloor": 555,
  "createdTime": "2023-01-12 15:15:55",
  "deleted": 496,
  "projectDesc": "tyjcpu",
  "version": 281,
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 882,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "531782",
    "orgDesc": "ogk9ae",
    "deleted": 982,
    "orgLogo": "strt25",
    "orgTel": "z2pbk9",
    "projects": [
      {
        "$ref": "..."
      }
    ]
  },
  ],
```

```
"users": [
  {
    "$ref": "...
  }
],
"robots": [
  {
    "$ref": "...
  }
]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "617hgw",
    "robotType": 923,
    "supplier": "t8z6zy",
    "robotBatch": "7irbyq",
    "aliveStatus": 345,
    "lifecycleStatus": 848,
    "sizeLength": 95.91,
    "sizeWidth": 7.06,
    "sizeHeight": 2.42,
    "logPath": "r1cs1k",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 433,
    "project": {
      "$ref": "...
    },
    "baseMap": {
      "$ref": "...
    },
    "organization": {
      "$ref": "...
    }
  }
],
"maps": [
  {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 56,
    "creator": "tfjt94",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "hknst5",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "yhrz0c",
    "resolution": 39.59,
    "originStr": "4aydfn",
```

```
"occupiedThresh": 24.88,
"negate": 870,
"freeThresh": 11.63,
"createdTime": "2023-01-12 15:15:55",
"lastUpdated": "2023-01-12 15:15:55",
"version": 8,
"mapDesc": "ooh8ei",
"deleted": 765,
"angleReset": "ig1ubs",
"identifyTriangle": true,
"mapType": 64,
"belong": "m8vhyk",
"bakParent": "9f0cux",
"imagePath": "3mvf62",
"origin": [
  {
    "$ref": "..."
  }
],
"project": {
  "$ref": "..."
},
"robot": {
  "$ref": "..."
}
},
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "43dmim",
    "username": "milton.farrell",
    "password": "mzi1ja",
    "avatar": "uuzegr",
    "roleId": "70",
    "email": "cleora.kertzmnn@gmail.com",
    "telNum": "y59bh1",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:55",
    "lastOnline": "2023-01-12 15:15:55",
    "deleted": 661,
    "locked": 62,
    "effectTime": "2023-01-12 15:15:55",
    "failureTime": "2023-01-12 15:15:55",
    "remainingPeriod": "bcss3f",
    "organization": {
      "$ref": "..."
    },
    "permissions": [
      {
        "$ref": "..."
      }
    ]
  },
],
```

```
      "userPermission": {
        "$ref": "...",
      },
      "role": {
        "$ref": "...",
      },
      "projects": [
        {
          "$ref": "...",
        }
      ]
    }
  ]
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 941,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

根据项目ID查询项目详细信息 -- To query project details by project ID

URL: http://127.0.0.1/project/projectInfo

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 根据项目ID查询项目详细信息 -- To query project details by project ID

Query-parameters:

Parameter	Type	Description	Required	Since
projectId	string	ID of project	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/project/projectInfo?projectId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 861,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

分页多条件查询组织下的所有项目 -- Paging searching of projects by organization ID and multiple criteria

URL: http://127.0.0.1/project/queryAllProject

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 分页多条件查询组织下的所有项目 -- Paging searching of projects by organization ID and multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
organizationId	string	ID of organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectType	int32	No comments found.	false	-
projectName	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
createdTime	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/project/queryAllProject?
creator=cw0k6y&orgId=70&projectId=70&createdTime=2023-01-12
15:15:55&projectType=206&page=1&projectName=milton.farrell&pageSize=10&organizatio
nId=70&projectAddr=bbq49z
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 365,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

分页多条件查询组织下项目名 -- Paging searching of project names by organization ID and multiple criteria

URL: http://127.0.0.1/project/queryProjectNames

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 分页多条件查询组织下项目名 -- Paging searching of project names by organization ID and multiple criteria

Query-parameters:

Parameter	Type	Description	Required	Since
organizationId	string	ID of organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectType	int32	No comments found.	false	-
projectName	string	No comments found.	false	-
projectAddr	string	No comments found.	false	-
creator	string	No comments found.	false	-
createdTime	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/project/queryProjectNames?
page=1&creator=gt77fc&projectId=70&projectType=878&createdTime=2023-01-12
15:15:55&pageSize=10&organizationId=70&orgId=70&projectAddr=lgotz2&projectName=mil
ton.farrell
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-

Field	Type	Description	Since
data	object	No comments found.	-

Response-example:

```
{
  "code": 543,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

机器人 -- Robot

获取地图下所有可用的机器人 -- To find all available robots on a map

URL: http://127.0.0.1/robot/available

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取地图下所有可用的机器人 -- To find all available robots on a map

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/available?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 524,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取项目下所有的机器人 -- To find all robots belonging to a project

URL: http://127.0.0.1/robot/projectRobots

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取项目下所有的机器人 -- To find all robots belonging to a project

Query-parameters:

Parameter	Type	Description	Required	Since
projectId	string	ID of project	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/projectRobots?projectId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 749,
```

```
    "message": "success",
    "generalMessage": "success",
    "data": {
      "waring": "You may have used non-display generics."
    }
  }
}
```

获取机器人信息 -- To acquire robot information

URL: http://127.0.0.1/robot/singleRobotInfo

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取机器人信息 -- To acquire robot information

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/singleRobotInfo?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 620,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

```
    }  
  }  
}
```

查询地图下的所有机器人 -- To find all available robots on a map

URL: http://127.0.0.1/robot/mapRobots

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询地图下的所有机器人 -- To find all available robots on a map

Query-parameters:

Parameter	Type	Description	Required	Since
mapId	string	ID of map	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/mapRobots?mapId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  
  "code": 627,  
  "message": "success",  
  "generalMessage": "success",  
  "data": {  
    "waring": "You may have used non-display generics."  
  }  
}
```

新增或更新机器人 -- To create of update a robot

URL: http://127.0.0.1/robot/setRobot

Type: GET

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 新增或更新机器人 -- To create of update a robot

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
robotName	string	No comments found.	false	-
robotAlias	string	No comments found.	false	-
robotType	int32	No comments found.	false	-
supplier	string	No comments found.	false	-
robotBatch	string	No comments found.	false	-
aliveStatus	int32	No comments found.	false	-
lifecycleStatus	int32	No comments found.	false	-
sizeLength	float	No comments found.	false	-
sizeWidth	float	No comments found.	false	-
sizeHeight	float	No comments found.	false	-
logPath	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└permissions	array	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└role	object	No comments found.	false	-
└projects	array	No comments found.	false	-
baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-

Request-example:

```
curl -X GET -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/setRobot --data '{
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "hyg5nj",
  "robotType": 317,
  "supplier": "423pap",
  "robotBatch": "v8k37r",
  "aliveStatus": 460,
  "lifecycleStatus": 581,
  "sizeLength": 65.29,
  "sizeWidth": 18.38,
  "sizeHeight": 54.18,
  "logPath": "qqhsdz",
  "lastOnline": "2023-01-12 15:15:55",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 526,
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "j945m6",
    "projectAddr": "rpan5x",
    "creator": "mpgtyw",
    "longitude": 89.70,
    "latitude": 9.95,
    "altitude": 80.02,
    "lowestFloor": 573,
    "highestFloor": 971,
    "createdTime": "2023-01-12 15:15:55",
    "deleted": 110,
    "projectDesc": "7dd29n",
    "version": 505,
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 551,
      "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
      "defaultPrj": "v81j7t",
      "orgDesc": "lycsqy",
      "deleted": 532,
      "orgLogo": "7uqxey",
      "orgTel": "vhuk1k",
      "projects": [
        {
          "$ref": "..."
```



```
"users": [
  {
    "$ref": "...
  }
],
"robots": [
  {
    "$ref": "...
  }
]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "hz797q",
    "robotType": 256,
    "supplier": "6tudr1",
    "robotBatch": "eg0ypw",
    "aliveStatus": 194,
    "lifecycleStatus": 585,
    "sizeLength": 29.03,
    "sizeWidth": 72.63,
    "sizeHeight": 3.18,
    "logPath": "fonewe",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 434,
    "project": {
      "$ref": "...
    },
    "baseMap": {
      "$ref": "...
    },
    "organization": {
      "$ref": "...
    }
  }
],
"maps": [
  {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 84,
    "creator": "yul0x9",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "snbexo",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "armx4s",
    "resolution": 49.39,
    "originStr": "fy4f7d",
```

```
"occupiedThresh": 79.78,
"negate": 414,
"freeThresh": 91.54,
"createdTime": "2023-01-12 15:15:55",
"lastUpdated": "2023-01-12 15:15:55",
"version": 245,
"mapDesc": "ia2aof",
"deleted": 74,
"angleReset": "0k8da4",
"identifyTriangle": true,
"mapType": 762,
"belong": "u2e01w",
"bakParent": "axqb6t",
"imagePath": "69bs1a",
"origin": [
  {
    "$ref": "..."
  }
],
"project": {
  "$ref": "..."
},
"robot": {
  "$ref": "..."
}
},
],
"users": [
{
  "userId": "70",
  "orgId": "70",
  "account": "ijs870",
  "username": "milton.farrell",
  "password": "2rh7kw",
  "avatar": "kc5gh9",
  "roleId": "70",
  "email": "cleora.kertzmnn@gmail.com",
  "telNum": "vsb5k3",
  "leaderId": "70",
  "registerTime": "2023-01-12 15:15:55",
  "lastOnline": "2023-01-12 15:15:55",
  "deleted": 957,
  "locked": 847,
  "effectTime": "2023-01-12 15:15:55",
  "failureTime": "2023-01-12 15:15:55",
  "remainingPeriod": "dsdi06",
  "organization": {
    "$ref": "..."
  },
  "permissions": [
    {
      "$ref": "..."
    }
  ]
},
],
```

```

        "userPermission": {
            "$ref": "...",
        },
        "role": {
            "$ref": "...",
        },
        "projects": [
            {
                "$ref": "...",
            }
        ]
    }
},
"baseMap": {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 576,
    "creator": "bfjnz1",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "p80pgu",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "d2tnd0",
    "resolution": 36.47,
    "originStr": "1ps8jk",
    "occupiedThresh": 24.02,
    "negate": 0,
    "freeThresh": 93.36,
    "createdTime": "2023-01-12 15:15:55",
    "lastUpdated": "2023-01-12 15:15:55",
    "version": 28,
    "mapDesc": "fj6rmt",
    "deleted": 660,
    "angleReset": "j58edx",
    "identifyTriangle": true,
    "mapType": 407,
    "belong": "2yng84",
    "bakParent": "yuqvpv",
    "imagePath": "c4v1mq",
    "origin": [
        42.74
    ],
    "project": {
        "projectId": "70",
        "orgId": "70",
        "projectName": "milton.farrell",
        "projectType": "qr2njb",
        "projectAddr": "0c98of",
        "creator": "3qgjbw",
        "longitude": 0.70,
        "latitude": 33.00,
        "altitude": 13.69,
        "lowestFloor": 167,
    }
}

```

```
"highestFloor": 194,
"createdTime": "2023-01-12 15:15:55",
"deleted": 604,
"projectDesc": "d051qm",
"version": 90,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  },
],
"maps": [
  {
    "$ref": "...",
  },
],
"users": [
  {
    "$ref": "...",
  },
],
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "e7u4on",
  "robotType": 387,
  "supplier": "ug4ktu",
  "robotBatch": "p12qu5",
  "aliveStatus": 999,
  "lifecycleStatus": 676,
  "sizeLength": 1.75,
  "sizeWidth": 82.29,
  "sizeHeight": 10.27,
  "logPath": "0u1ms4",
  "lastOnline": "2023-01-12 15:15:55",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 506,
  "project": {
    "$ref": "...",
  },
  "baseMap": {
    "$ref": "...",
  },
  "organization": {
    "$ref": "...",
  },
},
},
"organization": {
```

```
"orgId": "70",
"orgName": "milton.farrell",
"orgCode": "96677",
"orgType": 462,
"address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
"defaultPrj": "yx4jg2",
"orgDesc": "rkqyq9",
"deleted": 349,
"orgLogo": "ty6911",
"orgTel": "uml17n",
"projects": [
  {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "bdzhdz",
    "projectAddr": "8w4rao",
    "creator": "pt5g5e",
    "longitude": 18.59,
    "latitude": 81.70,
    "altitude": 57.50,
    "lowestFloor": 717,
    "highestFloor": 543,
    "createdTime": "2023-01-12 15:15:55",
    "deleted": 7,
    "projectDesc": "8tjj9s",
    "version": 564,
    "organization": {
      "$ref": "..."
    },
    "robots": [
      {
        "$ref": "..."
      }
    ],
    "maps": [
      {
        "$ref": "..."
      }
    ],
    "users": [
      {
        "$ref": "..."
      }
    ]
  }
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "xnorsb",
    "username": "milton.farrell",
    "password": "nkedv1",
```

```
"avatar": "6su1hm",
"roleId": "70",
"email": "cleora.kertzmnn@gmail.com",
"telNum": "9zjg1k",
"leaderId": "70",
"registerTime": "2023-01-12 15:15:55",
"lastOnline": "2023-01-12 15:15:55",
"deleted": 630,
"locked": 907,
"effectTime": "2023-01-12 15:15:55",
"failureTime": "2023-01-12 15:15:55",
"remainingPeriod": "qe1opg",
"organization": {
  "$ref": "...",
},
"permissions": [
  {
    "$ref": "...",
  }
],
"userPermission": {
  "$ref": "...",
},
"role": {
  "$ref": "...",
},
"projects": [
  {
    "$ref": "...",
  }
]
},
],
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "y8mhrz",
    "robotType": 138,
    "supplier": "n8f9se",
    "robotBatch": "mt3sum",
    "aliveStatus": 755,
    "lifecycleStatus": 489,
    "sizeLength": 80.00,
    "sizeWidth": 26.29,
    "sizeHeight": 80.79,
    "logPath": "6pufjg",
    "lastOnline": "2023-01-12 15:15:55",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 872,
    "project": {
      "$ref": "...",
    }
  }
]
```

```
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
]
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 529,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

远程控制机器人（按方向键） -- Remote control

URL: http://127.0.0.1/robot/control

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 远程控制机器人（按方向键） -- Remote control

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-
direction	int32	direction parameters	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/control?direction=782&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 380,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

远程控制机器人 (摇杆) -- Remote control

URL: http://127.0.0.1/robot/control/rocker/{robotId}

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 远程控制机器人 (摇杆) -- Remote control

Path-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Body-parameters:

Parameter	Type	Description	Required	Since
speed	double	No comments found.	false	-
angle	double	No comments found.	false	-
mode	int32	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/control/rocker/70 --data '{
  "speed": 49.24,
  "angle": 5.79,
  "mode": 214
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 403,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

切换导航模式

URL: http://127.0.0.1/robot/navigation

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 切换导航模式

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	true	-
type	int32	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/navigation?type=773&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 853,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

设备任务(回充)操作

URL: http://127.0.0.1/fleetapi/device/taskaction

Type: POST

Author: apple 下发指令给设备相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 设备任务(回充)操作

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/device/taskaction
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 503,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

设备初始化定位

URL: http://127.0.0.1/fleetapi/device/mapinit

Type: POST

Author: apple 下发指令给设备相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 设备初始化定位

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/device/mapinit
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 747,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取设备状态

URL: http://127.0.0.1/fleetapi/device/status

Type: POST

Author: apple 下发指令给设备相关接口

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取设备状态

Query-parameters:

Parameter	Type	Description	Required	Since
params	map	No comments found.	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/fleetapi/device/status
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 302,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取客户所在组织下的机器人 -- To find all robots belonging to the organization which a user is in

URL: http://127.0.0.1/robot/customerRobot

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取客户所在组织下的机器人 -- To find all robots belonging to the organization which a user is in

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-
page	int32	page index	true	-
pageSize	int32	page size	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/customerRobot?page=1&userId=70&pageSize=10
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 841,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

修改机器人所在地图 -- To modify the map parameter of robot

URL: http://127.0.0.1/robot/mapAssign

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 修改机器人所在地图 -- To modify the map parameter of robot

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
robotName	string	No comments found.	false	-
robotAlias	string	No comments found.	false	-
robotType	int32	No comments found.	false	-
supplier	string	No comments found.	false	-
robotBatch	string	No comments found.	false	-
aliveStatus	int32	No comments found.	false	-
lifecycleStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
sizeLength	float	No comments found.	false	-
sizeWidth	float	No comments found.	false	-
sizeHeight	float	No comments found.	false	-
logPath	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└└orgId	string	No comments found.	false	-
└└orgName	string	No comments found.	false	-
└└orgCode	string	No comments found.	false	-
└└orgType	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─users	array	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└robot	object	No comments found.	false	-
└users	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└permissions	array	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└role	object	No comments found.	false	-
└projects	array	No comments found.	false	-
baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─maps	array	No comments found.	false	-
└─users	array	No comments found.	false	-
└─robot	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─users	array	No comments found.	false	-
└─users	array	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─account	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─password	string	No comments found.	false	-
└─avatar	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─email	string	No comments found.	false	-
└─telNum	string	No comments found.	false	-
└─leaderId	string	No comments found.	false	-
└─registerTime	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─locked	int32	No comments found.	false	-
└─effectTime	string	No comments found.	false	-
└─failureTime	string	No comments found.	false	-
└─remainingPeriod	string	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─permissions	array	No comments found.	false	-
└─userPermission	object	No comments found.	false	-
└─role	object	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─robots	array	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/mapAssign --data '{
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "swflj0",
  "robotType": 520,
  "supplier": "h3aetp",
  "robotBatch": "ghmu1m",
  "aliveStatus": 676,
  "lifecycleStatus": 394,
  "sizeLength": 71.44,
  "sizeWidth": 52.50,
  "sizeHeight": 90.01,
  "logPath": "b4fz76",
  "lastOnline": "2023-01-12 15:15:56",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 811,
  "project": {
    "projectId": "70",
    "orgId": "70",
```

```
"projectName": "milton.farrell",
"projectType": "olhz28",
"projectAddr": "k981ao",
"creator": "c1enbm",
"longitude": 26.83,
"latitude": 8.15,
"altitude": 72.67,
"lowestFloor": 539,
"highestFloor": 340,
"createdTime": "2023-01-12 15:15:56",
"deleted": 89,
"projectDesc": "axd0i4",
"version": 659,
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 859,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "df7m97",
  "orgDesc": "ibdque",
  "deleted": 654,
  "orgLogo": "fn92k1",
  "orgTel": "75houn",
  "projects": [
    {
      "$ref": "..."
    }
  ],
  "users": [
    {
      "$ref": "..."
    }
  ],
  "robots": [
    {
      "$ref": "..."
    }
  ]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "rp4g7o",
    "robotType": 672,
    "supplier": "8a6ka6",
    "robotBatch": "u6onvk",
    "aliveStatus": 516,
    "lifecycleStatus": 65,
    "sizeLength": 96.35,
    "sizeWidth": 47.00,
    "sizeHeight": 89.11,
    "logPath": "cc0d4z",
```



```

    "lastOnline": "2023-01-12 15:15:56",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 983,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
],
"maps": [
  {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 266,
    "creator": "dle9sr",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "8lvmj7",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "dy9f3h",
    "resolution": 65.41,
    "originStr": "vn70lt",
    "occupiedThresh": 23.88,
    "negate": 63,
    "freeThresh": 59.87,
    "createdTime": "2023-01-12 15:15:56",
    "lastUpdated": "2023-01-12 15:15:56",
    "version": 765,
    "mapDesc": "agcqky",
    "deleted": 585,
    "angleReset": "naq8b6",
    "identifyTriangle": true,
    "mapType": 919,
    "belong": "szu4p3",
    "bakParent": "laryix",
    "imagePath": "cvt1fm",
    "origin": [
      {
        "$ref": "...",
      }
    ],
  },
  "project": {
    "$ref": "...",
  },
  "robot": {
    "$ref": "...",
  }
]

```

```

    }
  ],
  "users": [
    {
      "userId": "70",
      "orgId": "70",
      "account": "nld457",
      "username": "milton.farrell",
      "password": "1m1qeq",
      "avatar": "66cda9",
      "roleId": "70",
      "email": "cleora.kertzmann@gmail.com",
      "telNum": "f5lt8p",
      "leaderId": "70",
      "registerTime": "2023-01-12 15:15:56",
      "lastOnline": "2023-01-12 15:15:56",
      "deleted": 412,
      "locked": 141,
      "effectTime": "2023-01-12 15:15:56",
      "failureTime": "2023-01-12 15:15:56",
      "remainingPeriod": "r8tjfr",
      "organization": {
        "$ref": "...",
      },
      "permissions": [
        {
          "$ref": "...",
        }
      ],
      "userPermission": {
        "$ref": "...",
      },
      "role": {
        "$ref": "...",
      },
      "projects": [
        {
          "$ref": "...",
        }
      ]
    }
  ],
  "baseMap": {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 658,
    "creator": "6dg25j",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "03n38r",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "75n1nb",
    "resolution": 25.35,
  },

```

```
"originStr": "d0n14g",
"occupiedThresh": 38.39,
"negate": 341,
"freeThresh": 58.87,
"createdTime": "2023-01-12 15:15:56",
"lastUpdated": "2023-01-12 15:15:56",
"version": 708,
"mapDesc": "25egq0",
"deleted": 228,
"angleReset": "lgl822",
"identifyTriangle": true,
"mapType": 748,
"belong": "v6mcpy",
"bakParent": "g9f7z8",
"imagePath": "ur77bn",
"origin": [
  2.12
],
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "924yd0",
  "projectAddr": "ewrqoc",
  "creator": "0ljhrm",
  "longitude": 44.65,
  "latitude": 52.29,
  "altitude": 70.79,
  "lowestFloor": 587,
  "highestFloor": 903,
  "createdTime": "2023-01-12 15:15:56",
  "deleted": 598,
  "projectDesc": "22gppy",
  "version": 99,
  "organization": {
    "$ref": "..."
  },
  "robots": [
    {
      "$ref": "..."
    }
  ],
  "maps": [
    {
      "$ref": "..."
    }
  ],
  "users": [
    {
      "$ref": "..."
    }
  ]
},
"robot": {
```

```
"robotId": "70",
"robotName": "milton.farrell",
"robotAlias": "drgssy",
"robotType": 342,
"supplier": "757ueq",
"robotBatch": "tsg2sm",
"aliveStatus": 226,
"lifecycleStatus": 94,
"sizeLength": 88.89,
"sizeWidth": 14.47,
"sizeHeight": 80.96,
"logPath": "ycj44f",
"lastOnline": "2023-01-12 15:15:56",
"orgId": "70",
"projectId": "70",
"mapId": "70",
"deleted": 770,
"project": {
  "$ref": "...",
},
"baseMap": {
  "$ref": "...",
},
"organization": {
  "$ref": "...",
}
},
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 309,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "dzxo6l",
  "orgDesc": "itkp9p",
  "deleted": 120,
  "orgLogo": "oj07uc",
  "orgTel": "etx7hf",
  "projects": [
    {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "xgtof5",
      "projectAddr": "a7xs7j",
      "creator": "ojt9aj",
      "longitude": 47.01,
      "latitude": 60.44,
      "altitude": 78.05,
      "lowestFloor": 1,
      "highestFloor": 367,
      "createdTime": "2023-01-12 15:15:56",
      "deleted": 310,
```

```
"projectDesc": "q17ac7",
"version": 470,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "3xympm",
    "username": "milton.farrell",
    "password": "pz892w",
    "avatar": "i81mun",
    "roleId": "70",
    "email": "cleora.kertzmnn@gmail.com",
    "telNum": "alwayo",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:56",
    "lastOnline": "2023-01-12 15:15:56",
    "deleted": 672,
    "locked": 228,
    "effectTime": "2023-01-12 15:15:56",
    "failureTime": "2023-01-12 15:15:56",
    "remainingPeriod": "d6xqzf",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
        "$ref": "...",
      }
    ],
    "userPermission": {
      "$ref": "...",
    },
    "role": {
      "$ref": "...",
    }
  }
]
```

```
    },
    "projects": [
      {
        "$ref": "...",
      }
    ]
  },
],
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "2auekq",
    "robotType": 522,
    "supplier": "v812ip",
    "robotBatch": "5dmu0w",
    "aliveStatus": 87,
    "lifecycleStatus": 675,
    "sizeLength": 22.72,
    "sizeWidth": 55.53,
    "sizeHeight": 48.81,
    "logPath": "8gns13",
    "lastOnline": "2023-01-12 15:15:56",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 165,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 650,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

将机器人分配到项目 -- To assign robots to projects

URL: http://127.0.0.1/robot/assignRobot

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 将机器人分配到项目 -- To assign robots to projects

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
robotName	string	No comments found.	false	-
robotAlias	string	No comments found.	false	-
robotType	int32	No comments found.	false	-
supplier	string	No comments found.	false	-
robotBatch	string	No comments found.	false	-
aliveStatus	int32	No comments found.	false	-
lifecycleStatus	int32	No comments found.	false	-
sizeLength	float	No comments found.	false	-
sizeWidth	float	No comments found.	false	-
sizeHeight	float	No comments found.	false	-
logPath	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
orgId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└└orgId	string	No comments found.	false	-
└└orgName	string	No comments found.	false	-
└└orgCode	string	No comments found.	false	-
└└orgType	int32	No comments found.	false	-
└└address	string	No comments found.	false	-
└└defaultPrj	string	No comments found.	false	-
└└orgDesc	string	No comments found.	false	-
└└deleted	int32	No comments found.	false	-
└└orgLogo	string	No comments found.	false	-
└└orgTel	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└robot	object	No comments found.	false	-
└users	array	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
baseMap	object	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└permissions	array	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└role	object	No comments found.	false	-
└projects	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/assignRobot --data '[
{
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "pk48e4",
  "robotType": 339,
  "supplier": "sdyc0c",
  "robotBatch": "vln4cq",
  "aliveStatus": 769,
  "lifecycleStatus": 376,
  "sizeLength": 91.07,
  "sizeWidth": 61.99,
  "sizeHeight": 65.68,
  "logPath": "v2gz4r",
  "lastOnline": "2023-01-12 15:15:56",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 866,
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "pusvv0",
    "projectAddr": "z61pgt",
    "creator": "32pqh4",
    "longitude": 46.90,
    "latitude": 85.61,
    "altitude": 68.89,
    "lowestFloor": 837,
    "highestFloor": 709,
```



```
"createdTime": "2023-01-12 15:15:56",
"deleted": 679,
"projectDesc": "2s4xqh",
"version": 520,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 937,
  "creator": "isu2uj",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "hnfdns",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "5t8zvo",
  "resolution": 87.47,
  "originStr": "7rwxln",
  "occupiedThresh": 89.70,
  "negate": 49,
  "freeThresh": 77.89,
  "createdTime": "2023-01-12 15:15:56",
  "lastUpdated": "2023-01-12 15:15:56",
  "version": 631,
  "mapDesc": "wfjdhe",
  "deleted": 886,
  "angleReset": "6dlod1",
  "identifyTriangle": true,
  "mapType": 337,
  "belong": "gh08b8",
  "bakParent": "lmhj7n",
  "imagePath": "yz7bz1",
  "origin": [
    {
      "$ref": "...",
    }
  ],
},
```

```

    "project": {
      "$ref": "...",
    },
    "robot": {
      "$ref": "...",
    }
  },
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 886,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "tm18hx",
    "orgDesc": "g3ioz5",
    "deleted": 417,
    "orgLogo": "406kdo",
    "orgTel": "9rsyfw",
    "projects": [
      {
        "$ref": "...",
      }
    ],
    "users": [
      {
        "$ref": "...",
      }
    ],
    "robots": [
      {
        "$ref": "...",
      }
    ]
  }
}
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 136,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除项目下的机器人 -- To remove robots from a project

URL: http://127.0.0.1/robot/delProRob

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除项目下的机器人 -- To remove robots from a project

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
robotName	string	No comments found.	false	-
robotAlias	string	No comments found.	false	-
robotType	int32	No comments found.	false	-
supplier	string	No comments found.	false	-
robotBatch	string	No comments found.	false	-
aliveStatus	int32	No comments found.	false	-
lifecycleStatus	int32	No comments found.	false	-
sizeLength	float	No comments found.	false	-
sizeWidth	float	No comments found.	false	-
sizeHeight	float	No comments found.	false	-
logPath	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
deleted	int32	No comments found.	false	-
project	object	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-
└─lowestFloor	int32	No comments found.	false	-
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─users	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳robots	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳floorNum	int32	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳mapName	string	No comments found.	false	-
↳mapPath	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapUrl	string	No comments found.	false	-
↳image	string	No comments found.	false	-
↳resolution	float	No comments found.	false	-
↳originStr	string	No comments found.	false	-
↳occupiedThresh	float	No comments found.	false	-
↳negate	int32	No comments found.	false	-
↳freeThresh	float	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└permissions	array	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└role	object	No comments found.	false	-
└projects	array	No comments found.	false	-
baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳lastUpdated	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─users	array	No comments found.	false	-
└─robot	object	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─robotName	string	No comments found.	false	-
└─robotAlias	string	No comments found.	false	-
└─robotType	int32	No comments found.	false	-
└─supplier	string	No comments found.	false	-
└─robotBatch	string	No comments found.	false	-
└─aliveStatus	int32	No comments found.	false	-
└─lifecycleStatus	int32	No comments found.	false	-
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/delProRob --data '[
{
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "0tbaxg",
  "robotType": 400,
  "supplier": "3451e9",
  "robotBatch": "q8v1fg",
  "aliveStatus": 525,
  "lifecycleStatus": 748,
  "sizeLength": 68.89,
  "sizeWidth": 26.01,
  "sizeHeight": 37.36,
  "logPath": "j2sau5",
  "lastOnline": "2023-01-12 15:15:56",
  "orgId": "70",
  "projectId": "70",
  "mapId": "70",
  "deleted": 703,
  "project": {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "wgfn6i",
    "projectAddr": "10zyab",
    "creator": "xcbai6",
    "longitude": 14.20,
    "latitude": 16.13,
    "altitude": 12.15,
    "lowestFloor": 772,
    "highestFloor": 46,
    "createdTime": "2023-01-12 15:15:56",
    "deleted": 432,
    "projectDesc": "wv09xj",
    "version": 323,
```

```
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 860,
  "creator": "umk2hn",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "917ad2",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "4nmhsq",
  "resolution": 60.06,
  "originStr": "531et2",
  "occupiedThresh": 57.60,
  "negate": 612,
  "freeThresh": 62.30,
  "createdTime": "2023-01-12 15:15:56",
  "lastUpdated": "2023-01-12 15:15:56",
  "version": 308,
  "mapDesc": "kxlrw6",
  "deleted": 809,
  "angleReset": "7dxkux",
  "identifyTriangle": true,
  "mapType": 161,
  "belong": "dxsf2ea",
  "bakParent": "gcgz9s",
  "imagePath": "gq7cp4",
  "origin": [
    {
      "$ref": "...",
    }
  ],
},
"project": {
  "$ref": "...",
},
"robot": {
```

```
        "$ref": "...",
      },
    ],
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 852,
      "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
      "defaultPrj": "48gsmg",
      "orgDesc": "7y00nk",
      "deleted": 972,
      "orgLogo": "otmg8o",
      "orgTel": "z94ni5",
      "projects": [
        {
          "$ref": "...",
        }
      ],
      "users": [
        {
          "$ref": "...",
        }
      ],
      "robots": [
        {
          "$ref": "...",
        }
      ]
    }
  }
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 721,
  "message": "success",
  "generalMessage": "success",
  "data": {
```

```
"waring": "You may have used non-display generics."
}
```

推送视频流 -- To push video stream

URL: http://127.0.0.1/robot/video

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 推送视频流 -- To push video stream

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
push	boolean	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/robot/video --data '{
  "robotId": "70",
  "push": true
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 164,
  "message": "success",
  "generalMessage": "success",
  "data": {
```

```
    "waring": "You may have used non-display generics."
  }
}
```

绑定机器人 -- Binding a robot, to subscribe its realtime message

URL: http://127.0.0.1/robot/binding

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 绑定机器人 -- Binding a robot, to subscribe its realtime message

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/binding?userId=70&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 954,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```


指定机器人下发定位指令 -- To find robot's location

URL: http://127.0.0.1/robot/initPoint

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 指定机器人下发定位指令 -- To find robot's location

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/initPoint?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 158,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

查询能远程更新的所有机器人 -- To find all robots which can be updated remotely.

URL: http://127.0.0.1/robot/updatePage

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询能远程更新的所有机器人 -- To find all robots which can be updated remotely.

Query-parameters:

Parameter	Type	Description	Required	Since
organizationId	string	ID or organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
projectName	string	No comments found.	false	-
robotId	string	No comments found.	false	-
robotType	int32	No comments found.	false	-
aliveStatus	int32	No comments found.	false	-
orgName	string	No comments found.	false	-
robotAlias	string	No comments found.	false	-
robotBatch	string	No comments found.	false	-
orgId	string	No comments found.	false	-
projectId	string	No comments found.	false	-
mapId	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/robot/updatePage?  
orgId=70&orgName=milton.farrell&page=1&pageSize=10&mapId=70&robotAlias=e35e0h&orga  
nizationId=70&aliveStatus=315&robotType=234&projectName=milton.farrell&robotBatch=  
gqga6t&projectId=70&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 56,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

任务 -- Task

获取任务列表 -- To acquire tasks

URL: http://127.0.0.1/task/tasks

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取任务列表 -- To acquire tasks

Query-parameters:

Parameter	Type	Description	Required	Since
organizationId	string	ID of organization	false	-
page	int32	No comments found.	false	-
pageSize	int32	No comments found.	false	-
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
startTime	string	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
curDay	boolean	No comments found.	false	-
activated	boolean	No comments found.	false	-
orgId	string	No comments found.	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/task/tasks?orgId=70&taskMode=206&curDay=true&startTime=2023-01-12 15:15:56&organizationId=70&scheduleStatus=576&projectId=70&taskCode=96677&activate d=true&pageSize=10&execCron=kplqui&page=1&taskId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  "code": 404,  "message": "success",  "generalMessage": "success",  "data": {    "waring": "You may have used non-display generics."  }}
```

分页获取机器人任务 -- Paging for robot tasks**URL:** http://127.0.0.1/task/robotTasks**Type:** GET**Author:** "zhihui"**Content-Type:** application/x-www-form-urlencoded;charset=utf-8**Description:** 分页获取机器人任务 -- Paging for robot tasks**Query-parameters:**

Parameter	Type	Description	Required	Since
robotId	string	ID of Robot	true	-
page	int32	page number	false	-
pageSize	int32	page size	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/task/robotTasks?page=1&pageSize=10&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 452,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除任务 -- To delete tasks

URL: http://127.0.0.1/task/tasks

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除任务 -- To delete tasks

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-
└─jobId	string	No comments found.	false	-
└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─jobType	int32	No comments found.	false	-
└─issuedBy	string	No comments found.	false	-
└─startTime	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└endTime	string	No comments found.	false	-
└repetition	int32	No comments found.	false	-
└finishedCycles	int32	No comments found.	false	-
└jobPoints	string	No comments found.	false	-
└jobDesc	string	No comments found.	false	-
└status	int32	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└listJobPoint	array	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└orientation	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
└remainingRegion	string	No comments found.	false	-
└remainingRegionPoints	array	No comments found.	false	-
└jobArea	float	job计划清洁面积	false	-
└coverArea	float	job实际清洁面积	false	-
└uncoveredArea	float	job未清洁面积	false	-
└percentCoverArea	float	job实际清洁面积百分比	false	-
└percentComplete	float	job进度百分比	false	-
└reservedField	string	预留字段	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/task/tasks --data '[
{
  "taskId": "70",
  "taskCode": "96677",
```

```
"execCron": "jxuqip",
"taskMode": 448,
"autoContinue": 6,
"autoReturn": 196,
"createdTime": "2023-01-12 15:15:56",
"createdBy": "n4l4og",
"startTime": "2023-01-12 15:15:49",
"endTime": "2023-01-12 15:15:49",
"repetition": 142,
"scheduleStatus": 556,
"taskDesc": "dk85c4",
"deleted": 78,
"projectId": "70",
"activated": 950,
"arrangeCode": 180,
"arrangeTime": "2023-01-12 15:15:49",
"cleanIntensity": 2,
"robotId": "70",
"jobList": [
  {
    "jobId": "70",
    "jobCode": "96677",
    "reportId": "70",
    "taskId": "70",
    "serialNum": 61,
    "planId": "70",
    "planName": "milton.farrell",
    "mapId": "70",
    "mapName": "milton.farrell",
    "robotId": "70",
    "jobType": 943,
    "issuedBy": "1ejkpb",
    "startTime": "2023-01-12 15:15:56",
    "endTime": "2023-01-12 15:15:56",
    "repetition": 391,
    "finishedCycles": 802,
    "jobPoints": "fqritw",
    "jobDesc": "elmw7f",
    "status": 509,
    "deleted": 569,
    "listJobPoint": [
      {
        "$ref": "..."
      }
    ],
    "remainingRegion": "effszc",
    "remainingRegionPoints": [
      {
        "$ref": "..."
      }
    ],
    "jobArea": 59.37,
    "coverArea": 69.53,
    "uncoveredArea": 74.05,
```



```
"percentCoverArea": 46.61,  
"percentComplete": 17.15,  
"reservedField": "fnc7br"  
}  
]  
}  
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  
  "code": 583,  
  "message": "success",  
  "generalMessage": "success",  
  "data": {  
    "waring": "You may have used non-display generics."  
  }  
}
```

新增任务 (ally fleet使用) -- To create a task

URL: http://127.0.0.1/task/tasks

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 新增任务 (ally fleet使用) -- To create a task

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-
└─jobId	string	No comments found.	false	-
└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotId	string	No comments found.	false	-
└jobType	int32	No comments found.	false	-
└issuedBy	string	No comments found.	false	-
└startTime	string	No comments found.	false	-
└endTime	string	No comments found.	false	-
└repetition	int32	No comments found.	false	-
└finishedCycles	int32	No comments found.	false	-
└jobPoints	string	No comments found.	false	-
└jobDesc	string	No comments found.	false	-
└status	int32	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└listJobPoint	array	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└orientation	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
└remainingRegion	string	No comments found.	false	-
└remainingRegionPoints	array	No comments found.	false	-
└jobArea	float	job计划清洁面积	false	-
└coverArea	float	job实际清洁面积	false	-
└uncoveredArea	float	job未清洁面积	false	-
└percentCoverArea	float	job实际清洁面积百分比	false	-
└percentComplete	float	job进度百分比	false	-
└reservedField	string	预留字段	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/task/tasks?userId=70 --data '{
  "taskId": "70",
  "taskCode": "96677",
  "execCron": "tethjm",
  "taskMode": 224,
  "autoContinue": 969,
  "autoReturn": 652,
  "createdTime": "2023-01-12 15:15:56",
  "createdBy": "uhnmcx",
  "startTime": "2023-01-12 15:15:49",
  "endTime": "2023-01-12 15:15:49",
  "repetition": 375,
  "scheduleStatus": 725,
  "taskDesc": "d5lv3k",
  "deleted": 628,
  "projectId": "70",
  "activated": 920,
  "arrangeCode": 31,
  "arrangeTime": "2023-01-12 15:15:49",
  "cleanIntensity": 195,
  "robotId": "70",
  "jobList": [
    {
      "jobId": "70",
      "jobCode": "96677",
      "reportId": "70",
      "taskId": "70",
      "serialNum": 309,
      "planId": "70",
      "planName": "milton.farrell",
      "mapId": "70",
      "mapName": "milton.farrell",
      "robotId": "70",
      "jobType": 538,
      "issuedBy": "5pp9h5",
      "startTime": "2023-01-12 15:15:56",
      "endTime": "2023-01-12 15:15:56",
      "repetition": 651,
      "finishedCycles": 756,
      "jobPoints": "7lcy0j",
      "jobDesc": "tctmev",
      "status": 500,
      "deleted": 417,
      "listJobPoint": [
        {
          "pointId": "70",
          "mapId": "70",
          "pointType": 253,
          "pointName": "milton.farrell",
          "position": {
            "$ref": "..."
```

```
        },
        "orientation": {
            "$ref": "...",
        },
        "robotId": "70",
        "deleted": 704,
        "index": 1
    }
],
"remainingRegion": "qt37rh",
"remainingRegionPoints": [
    {}
],
"jobArea": 73.29,
"coverArea": 39.68,
"uncoveredArea": 30.79,
"percentCoverArea": 32.87,
"percentComplete": 94.55,
"reservedField": "qlvhjn"
}
]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 954,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取某一任务的信息 -- To query task information

URL: http://127.0.0.1/task/task

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取某一任务的信息 -- To query task information

Query-parameters:

Parameter	Type	Description	Required	Since
taskId	string	ID of task	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/task/task?taskId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 350,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

选择机器人下发任务 -- To assign a task to a robot

URL: http://127.0.0.1/task/taskChooseRobot

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 选择机器人下发任务 -- To assign a task to a robot

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
robotId	string	No comments found.	false	-
task	object	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─taskCode	string	No comments found.	false	-
└─execCron	string	No comments found.	false	-
└─taskMode	int32	No comments found.	false	-
└─autoContinue	int32	No comments found.	false	-
└─autoReturn	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─createdBy	string	No comments found.	false	-
└─startTime	string	No comments found.	false	-
└─endTime	string	No comments found.	false	-
└─repetition	int32	No comments found.	false	-
└─scheduleStatus	int32	No comments found.	false	-
└─taskDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─activated	int32	No comments found.	false	-
└─arrangeCode	int32	No comments found.	false	-
└─arrangeTime	string	No comments found.	false	-
└─cleanIntensity	int32	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─jobList	array	No comments found.	false	-
└─└─jobId	string	No comments found.	false	-
└─└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└planId	string	No comments found.	false	-
└planName	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└jobType	int32	No comments found.	false	-
└issuedBy	string	No comments found.	false	-
└startTime	string	No comments found.	false	-
└endTime	string	No comments found.	false	-
└repetition	int32	No comments found.	false	-
└finishedCycles	int32	No comments found.	false	-
└jobPoints	string	No comments found.	false	-
└jobDesc	string	No comments found.	false	-
└status	int32	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└listJobPoint	array	No comments found.	false	-
└remainingRegion	string	No comments found.	false	-
└remainingRegionPoints	array	No comments found.	false	-
└jobArea	float	job计划清洁面积	false	-
└coverArea	float	job实际清洁面积	false	-
└uncoveredArea	float	job未清洁面积	false	-
└percentCoverArea	float	job实际清洁面积百分比	false	-
└percentComplete	float	job进度百分比	false	-
└reservedField	string	预留字段	false	-
robot	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robot	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/task/taskChooseRobot --data '{
  "taskId": "70",
  "robotId": "70",
  "task": {
    "taskId": "70",
    "taskCode": "96677",
    "execCron": "gcw0zb",
    "taskMode": 792,
    "autoContinue": 353,
    "autoReturn": 763,
    "createdTime": "2023-01-12 15:15:56",
    "createdBy": "oukkto",
    "startTime": "2023-01-12 15:15:49",
    "endTime": "2023-01-12 15:15:49",
    "repetition": 682,
    "scheduleStatus": 782,
    "taskDesc": "u8qvw1",
    "deleted": 538,
    "projectId": "70",
    "activated": 882,
    "arrangeCode": 196,
```

```
"arrangeTime": "2023-01-12 15:15:49",
"cleanIntensity": 601,
"robotId": "70",
"jobList": [
  {
    "jobId": "70",
    "jobCode": "96677",
    "reportId": "70",
    "taskId": "70",
    "serialNum": 288,
    "planId": "70",
    "planName": "milton.farrell",
    "mapId": "70",
    "mapName": "milton.farrell",
    "robotId": "70",
    "jobType": 624,
    "issuedBy": "006orb",
    "startTime": "2023-01-12 15:15:56",
    "endTime": "2023-01-12 15:15:56",
    "repetition": 213,
    "finishedCycles": 753,
    "jobPoints": "vk3cf3",
    "jobDesc": "psi7hu",
    "status": 757,
    "deleted": 489,
    "listJobPoint": [
      {
        "$ref": "..."
      }
    ],
    "remainingRegion": "bhs9y7",
    "remainingRegionPoints": [
      {
        "$ref": "..."
      }
    ],
    "jobArea": 35.04,
    "coverArea": 84.93,
    "uncoveredArea": 25.25,
    "percentCoverArea": 18.65,
    "percentComplete": 36.86,
    "reservedField": "esgmw5"
  }
],
},
"robot": {
  "robotId": "70",
  "robotName": "milton.farrell",
  "robotAlias": "2qeivv",
  "robotType": 320,
  "supplier": "d5xl25",
  "robotBatch": "qa4lv2",
  "aliveStatus": 185,
  "lifecycleStatus": 186,
```

```
"sizeLength": 2.43,
"sizeWidth": 85.70,
"sizeHeight": 66.44,
"logPath": "5dw1n1",
"lastOnline": "2023-01-12 15:15:56",
"orgId": "70",
"projectId": "70",
"mapId": "70",
"deleted": 637,
"project": {
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "kukgwc",
  "projectAddr": "yxk9at",
  "creator": "kn6mh3",
  "longitude": 93.51,
  "latitude": 87.45,
  "altitude": 83.99,
  "lowestFloor": 368,
  "highestFloor": 238,
  "createdTime": "2023-01-12 15:15:56",
  "deleted": 591,
  "projectDesc": "kif25u",
  "version": 658,
  "organization": {
    "$ref": "..."
  },
},
"robots": [
  {
    "$ref": "..."
  }
],
"maps": [
  {
    "$ref": "..."
  }
],
"users": [
  {
    "$ref": "..."
  }
]
},
"baseMap": {
  "mapId": "70",
  "projectId": "70",
  "floorNum": 407,
  "creator": "sccs01",
  "robotId": "70",
  "mapName": "milton.farrell",
  "mapPath": "cpcpnp",
  "mapUrl": "www.nicholle-homenick.io",
  "image": "0g4mny",
```

```
"resolution": 69.15,
"originStr": "qrz34a",
"occupiedThresh": 37.79,
"negate": 807,
"freeThresh": 17.48,
"createdTime": "2023-01-12 15:15:56",
"lastUpdated": "2023-01-12 15:15:56",
"version": 776,
"mapDesc": "0ggfdk",
"deleted": 647,
"angleReset": "8tj0pj",
"identifyTriangle": true,
"mapType": 666,
"belong": "4kfwy2",
"bakParent": "koss6b",
"imagePath": "ff3xm6",
"origin": [
  {
    "$ref": "..."
  }
],
"project": {
  "$ref": "..."
},
"robot": {
  "$ref": "..."
}
},
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 175,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "yg9mky",
  "orgDesc": "sjs6m5",
  "deleted": 425,
  "orgLogo": "001m4q",
  "orgTel": "wd5ss0",
  "projects": [
    {
      "$ref": "..."
    }
  ],
  "users": [
    {
      "$ref": "..."
    }
  ],
  "robots": [
    {
      "$ref": "..."
    }
  ]
]
```

```
    }
  }
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 600,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

激活任务 -- To activate a task making it executable

URL: http://127.0.0.1/task/activeTasks

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 激活任务 -- To activate a task making it executable

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-
└─jobId	string	No comments found.	false	-
└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─jobType	int32	No comments found.	false	-
└─issuedBy	string	No comments found.	false	-
└─startTime	string	No comments found.	false	-
└─endTime	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└repetition	int32	No comments found.	false	-
└finishedCycles	int32	No comments found.	false	-
└jobPoints	string	No comments found.	false	-
└jobDesc	string	No comments found.	false	-
└status	int32	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└listJobPoint	array	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└orientation	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
└remainingRegion	string	No comments found.	false	-
└remainingRegionPoints	array	No comments found.	false	-
└jobArea	float	job计划清洁面积	false	-
└coverArea	float	job实际清洁面积	false	-
└uncoveredArea	float	job未清洁面积	false	-
└percentCoverArea	float	job实际清洁面积百分比	false	-
└percentComplete	float	job进度百分比	false	-
└reservedField	string	预留字段	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/task/activeTasks --data '[
{
  "taskId": "70",
  "taskCode": "96677",
  "execCron": "87x7ad",
```

```
"taskMode": 398,
"autoContinue": 782,
"autoReturn": 12,
"createdTime": "2023-01-12 15:15:56",
"createdBy": "wp90xz",
"startTime": "2023-01-12 15:15:49",
"endTime": "2023-01-12 15:15:49",
"repetition": 64,
"scheduleStatus": 990,
"taskDesc": "53697c",
"deleted": 354,
"projectId": "70",
"activated": 571,
"arrangeCode": 187,
"arrangeTime": "2023-01-12 15:15:49",
"cleanIntensity": 184,
"robotId": "70",
"jobList": [
  {
    "jobId": "70",
    "jobCode": "96677",
    "reportId": "70",
    "taskId": "70",
    "serialNum": 36,
    "planId": "70",
    "planName": "milton.farrell",
    "mapId": "70",
    "mapName": "milton.farrell",
    "robotId": "70",
    "jobType": 780,
    "issuedBy": "1w83pt",
    "startTime": "2023-01-12 15:15:56",
    "endTime": "2023-01-12 15:15:56",
    "repetition": 157,
    "finishedCycles": 722,
    "jobPoints": "m9k1fy",
    "jobDesc": "9yr6rb",
    "status": 57,
    "deleted": 194,
    "listJobPoint": [
      {
        "$ref": "..."
      }
    ],
    "remainingRegion": "7t5yvs",
    "remainingRegionPoints": [
      {
        "$ref": "..."
      }
    ],
    "jobArea": 27.90,
    "coverArea": 50.15,
    "uncoveredArea": 96.40,
    "percentCoverArea": 82.97,
```

```
        "percentComplete": 93.50,  
        "reservedField": "90ylsd"  
      }  
    ]  
  }  
]'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{  
  "code": 474,  
  "message": "success",  
  "generalMessage": "success",  
  "data": {  
    "waring": "You may have used non-display generics."  
  }  
}
```

关闭任务 -- To shutdown tasks, making them not executable

URL: http://127.0.0.1/task/inActiveTasks

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 关闭任务 -- To shutdown tasks, making them not executable

Body-parameters:

Parameter	Type	Description	Required	Since
taskId	string	No comments found.	false	-
taskCode	string	No comments found.	false	-
execCron	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
taskMode	int32	No comments found.	false	-
autoContinue	int32	No comments found.	false	-
autoReturn	int32	No comments found.	false	-
createdTime	string	No comments found.	false	-
createdBy	string	No comments found.	false	-
startTime	string	No comments found.	false	-
endTime	string	No comments found.	false	-
repetition	int32	No comments found.	false	-
scheduleStatus	int32	No comments found.	false	-
taskDesc	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
projectId	string	No comments found.	false	-
activated	int32	No comments found.	false	-
arrangeCode	int32	No comments found.	false	-
arrangeTime	string	No comments found.	false	-
cleanIntensity	int32	No comments found.	false	-
robotId	string	No comments found.	false	-
jobList	array	No comments found.	false	-
└─jobId	string	No comments found.	false	-
└─jobCode	string	No comments found.	false	-
└─reportId	string	No comments found.	false	-
└─taskId	string	No comments found.	false	-
└─serialNum	int32	No comments found.	false	-
└─planId	string	No comments found.	false	-
└─planName	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─jobType	int32	No comments found.	false	-
└─issuedBy	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└startTime	string	No comments found.	false	-
└endTime	string	No comments found.	false	-
└repetition	int32	No comments found.	false	-
└finishedCycles	int32	No comments found.	false	-
└jobPoints	string	No comments found.	false	-
└jobDesc	string	No comments found.	false	-
└status	int32	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└listJobPoint	array	No comments found.	false	-
└pointId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└pointType	int32	No comments found.	false	-
└pointName	string	No comments found.	false	-
└position	object	No comments found.	false	-
└orientation	object	No comments found.	false	-
└robotId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└index	int32	No comments found.	false	-
└remainingRegion	string	No comments found.	false	-
└remainingRegionPoints	array	No comments found.	false	-
└jobArea	float	job计划清洁面积	false	-
└coverArea	float	job实际清洁面积	false	-
└uncoveredArea	float	job未清洁面积	false	-
└percentCoverArea	float	job实际清洁面积百分比	false	-
└percentComplete	float	job进度百分比	false	-
└reservedField	string	预留字段	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/task/inActiveTasks --data '[
{
```

```
"taskId": "70",
"taskCode": "96677",
"execCron": "3o9bjy",
"taskMode": 782,
"autoContinue": 933,
"autoReturn": 43,
"createdTime": "2023-01-12 15:15:56",
"createdBy": "ljywqj",
"startTime": "2023-01-12 15:15:49",
"endTime": "2023-01-12 15:15:49",
"repetition": 555,
"scheduleStatus": 470,
"taskDesc": "y68z86",
"deleted": 346,
"projectId": "70",
"activated": 593,
"arrangeCode": 858,
"arrangeTime": "2023-01-12 15:15:49",
"cleanIntensity": 244,
"robotId": "70",
"jobList": [
  {
    "jobId": "70",
    "jobCode": "96677",
    "reportId": "70",
    "taskId": "70",
    "serialNum": 74,
    "planId": "70",
    "planName": "milton.farrell",
    "mapId": "70",
    "mapName": "milton.farrell",
    "robotId": "70",
    "jobType": 751,
    "issuedBy": "b45njr",
    "startTime": "2023-01-12 15:15:56",
    "endTime": "2023-01-12 15:15:56",
    "repetition": 223,
    "finishedCycles": 484,
    "jobPoints": "m9sbk6",
    "jobDesc": "mq9j4u",
    "status": 56,
    "deleted": 503,
    "listJobPoint": [
      {
        "$ref": "..."
      }
    ],
    "remainingRegion": "aojv9s",
    "remainingRegionPoints": [
      {
        "$ref": "..."
      }
    ],
    "jobArea": 15.84,
```

```
        "coverArea": 2.83,
        "uncoveredArea": 77.13,
        "percentCoverArea": 34.95,
        "percentComplete": 91.59,
        "reservedField": "zqi3i6"
      }
    ]
  }
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 11,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

下发默认任务 -- To execute a default task

URL: http://127.0.0.1/task/default

Type: POST

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 下发默认任务 -- To execute a default task

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-
taskId	string	ID of task	true	-

Request-example:

```
curl -X POST -i http://127.0.0.1/task/default --data
'robotId=70&userId=70&taskId=70'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 626,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

查询默认任务 -- To query all default tasks

URL: http://127.0.0.1/task/default_query

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 查询默认任务 -- To query all default tasks

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/task/default_query?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 396,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

操作任务 -- To operate a task in progress

URL: http://127.0.0.1/task/action

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 操作任务 -- To operate a task in progress

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-
type	int32	operation parameter	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/task/action?type=112&robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 927,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

用户 -- User

用户注册 -- To sign up

URL: http://127.0.0.1/user/register

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 用户注册 -- To sign up

Body-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
account	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
username	string	No comments found.	false	-
password	string	No comments found.	false	-
avatar	string	No comments found.	false	-
roleId	string	No comments found.	false	-
email	string	No comments found.	false	-
telNum	string	No comments found.	false	-
leaderId	string	No comments found.	false	-
registerTime	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
locked	int32	No comments found.	false	-
effectTime	string	No comments found.	false	-
failureTime	string	No comments found.	false	-
remainingPeriod	string	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─└─projectId	string	No comments found.	false	-
└─└─orgId	string	No comments found.	false	-
└─└─projectName	string	No comments found.	false	-
└─└─projectType	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
permissions	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
userPermission	object	No comments found.	false	-
└userId	string	No comments found.	false	-
└username	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└menuList	array	No comments found.	false	-
└permissionList	array	No comments found.	false	-
role	object	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└createTime	string	No comments found.	false	-
└roleDesc	string	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└permissions	array	No comments found.	false	-
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└└orgId	string	No comments found.	false	-
└└orgName	string	No comments found.	false	-
└└orgCode	string	No comments found.	false	-
└└orgType	int32	No comments found.	false	-
└└address	string	No comments found.	false	-
└└defaultPrj	string	No comments found.	false	-
└└orgDesc	string	No comments found.	false	-
└└deleted	int32	No comments found.	false	-
└└orgLogo	string	No comments found.	false	-
└└orgTel	string	No comments found.	false	-
└└projects	array	No comments found.	false	-
└└users	array	No comments found.	false	-
└└robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└floorNum	int32	No comments found.	false	-
└creator	string	No comments found.	false	-
└robotId	string	No comments found.	false	-
└mapName	string	No comments found.	false	-
└mapPath	string	No comments found.	false	-
└mapUrl	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└image	string	No comments found.	false	-
└resolution	float	No comments found.	false	-
└originStr	string	No comments found.	false	-
└occupiedThresh	float	No comments found.	false	-
└negate	int32	No comments found.	false	-
└freeThresh	float	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└lastUpdated	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└mapDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└angleReset	string	No comments found.	false	-
└identifyTriangle	boolean	No comments found.	false	-
└mapType	int32	No comments found.	false	-
└belong	string	No comments found.	false	-
└bakParent	string	No comments found.	false	-
└imagePath	string	No comments found.	false	-
└origin	array	No comments found.	false	-
└project	object	No comments found.	false	-
└robot	object	No comments found.	false	-
└users	array	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/user/register --data '{
  "userId": "70",
  "orgId": "70",
  "account": "uk7z30",
  "username": "milton.farrell",
  "password": "9w8icp",
  "avatar": "m1pmxf",
  "roleId": "70",
  "email": "cleora.kertzmann@gmail.com",
  "telNum": "s5atb9",
  "leaderId": "70",
  "registerTime": "2023-01-12 15:15:57",
  "lastOnline": "2023-01-12 15:15:57",
  "deleted": 687,
  "locked": 249,
  "effectTime": "2023-01-12 15:15:57",
  "failureTime": "2023-01-12 15:15:57",
  "remainingPeriod": "rhea41",
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 866,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
```

```
"defaultPrj": "lha5a3",
"orgDesc": "vaykc6",
"deleted": 10,
"orgLogo": "jc1ci8",
"orgTel": "kijp7j",
"projects": [
  {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "hgcc44",
    "projectAddr": "b78pj4",
    "creator": "nlhvdj",
    "longitude": 19.63,
    "latitude": 28.02,
    "altitude": 49.27,
    "lowestFloor": 237,
    "highestFloor": 197,
    "createdTime": "2023-01-12 15:15:57",
    "deleted": 504,
    "projectDesc": "69jtan",
    "version": 38,
    "organization": {
      "$ref": "...",
    },
    "robots": [
      {
        "$ref": "...",
      }
    ],
    "maps": [
      {
        "$ref": "...",
      }
    ],
    "users": [
      {
        "$ref": "...",
      }
    ]
  }
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "slb1mn",
    "username": "milton.farrell",
    "password": "oe8drv",
    "avatar": "to86j3",
    "roleId": "70",
    "email": "cleora.kertzmenn@gmail.com",
    "telNum": "p3ha7n",
    "leaderId": "70",
```

```
"registerTime": "2023-01-12 15:15:57",
"lastOnline": "2023-01-12 15:15:57",
"deleted": 324,
"locked": 937,
"effectTime": "2023-01-12 15:15:57",
"failureTime": "2023-01-12 15:15:57",
"remainingPeriod": "wla7tu",
"organization": {
  "$ref": "...",
},
"permissions": [
  {
    "$ref": "...",
  }
],
"userPermission": {
  "$ref": "...",
},
"role": {
  "$ref": "...",
},
"projects": [
  {
    "$ref": "...",
  }
]
},
],
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "m2ndy0",
    "robotType": 27,
    "supplier": "e0zq7k",
    "robotBatch": "eys0lc",
    "aliveStatus": 551,
    "lifecycleStatus": 923,
    "sizeLength": 51.52,
    "sizeWidth": 28.68,
    "sizeHeight": 83.90,
    "logPath": "dbmeaj",
    "lastOnline": "2023-01-12 15:15:57",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 955,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
```

```
        "$ref": "..."  
      }  
    }  
  ],  
},  
"permissions": [  
  {  
    "permissionId": "70",  
    "menuCode": "96677",  
    "menuName": "milton.farrell",  
    "permissionCode": "96677",  
    "permissionName": "milton.farrell",  
    "url": "www.nicholle-homenick.io",  
    "requiredPermission": 956,  
    "deleteStatus": 740  
  }  
],  
"userPermission": {  
  "userId": "70",  
  "username": "milton.farrell",  
  "roleId": "70",  
  "roleName": "milton.farrell",  
  "menuList": [  
    "3n7d7p"  
  ],  
  "permissionList": [  
    "5b8gxe"  
  ]  
},  
"role": {  
  "roleId": "70",  
  "roleName": "milton.farrell",  
  "createTime": "2023-01-12 15:15:57",  
  "roleDesc": "hfc4of",  
  "deleteStatus": 453,  
  "permissions": [  
    {  
      "permissionId": "70",  
      "menuCode": "96677",  
      "menuName": "milton.farrell",  
      "permissionCode": "96677",  
      "permissionName": "milton.farrell",  
      "url": "www.nicholle-homenick.io",  
      "requiredPermission": 680,  
      "deleteStatus": 519  
    }  
  ]  
},  
"projects": [  
  {  
    "projectId": "70",  
    "orgId": "70",  
    "projectName": "milton.farrell",  
    "projectType": "z3uv88",
```

```
"projectAddr": "b9rs71",
"creator": "fhnpqz",
"longitude": 83.24,
"latitude": 47.54,
"altitude": 57.33,
"lowestFloor": 132,
"highestFloor": 10,
"createdTime": "2023-01-12 15:15:57",
"deleted": 753,
"projectDesc": "tfgt0n",
"version": 192,
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 63,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "zt1ji1",
  "orgDesc": "0xvi5j",
  "deleted": 316,
  "orgLogo": "ctl129",
  "orgTel": "y3fdi1",
  "projects": [
    {
      "$ref": "... "
    }
  ],
  "users": [
    {
      "$ref": "... "
    }
  ],
  "robots": [
    {
      "$ref": "... "
    }
  ]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "mv4lc7",
    "robotType": 74,
    "supplier": "3kz011",
    "robotBatch": "aq24ib",
    "aliveStatus": 581,
    "lifecycleStatus": 24,
    "sizeLength": 65.69,
    "sizeWidth": 52.81,
    "sizeHeight": 83.98,
    "logPath": "lw65wp",
    "lastOnline": "2023-01-12 15:15:57",
    "orgId": "70",
```

```

        "projectId": "70",
        "mapId": "70",
        "deleted": 108,
        "project": {
            "$ref": "...",
        },
        "baseMap": {
            "$ref": "...",
        },
        "organization": {
            "$ref": "...",
        }
    },
],
"maps": [
    {
        "mapId": "70",
        "projectId": "70",
        "floorNum": 434,
        "creator": "u7p9ie",
        "robotId": "70",
        "mapName": "milton.farrell",
        "mapPath": "oz257h",
        "mapUrl": "www.nicholle-homenick.io",
        "image": "lan9qk",
        "resolution": 78.96,
        "originStr": "x7g9u7",
        "occupiedThresh": 26.06,
        "negate": 783,
        "freeThresh": 67.85,
        "createdTime": "2023-01-12 15:15:57",
        "lastUpdated": "2023-01-12 15:15:57",
        "version": 303,
        "mapDesc": "plx0hu",
        "deleted": 207,
        "angleReset": "ztbqu5",
        "identifyTriangle": true,
        "mapType": 101,
        "belong": "hdp2y1",
        "bakParent": "9kpi0i",
        "imagePath": "x0xpg7",
        "origin": [
            {
                "$ref": "...",
            }
        ],
        "project": {
            "$ref": "...",
        },
        "robot": {
            "$ref": "...",
        }
    }
],

```

```
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "d4e30c",
    "username": "milton.farrell",
    "password": "e2qtj1",
    "avatar": "igs13k",
    "roleId": "70",
    "email": "cleora.kertzmnn@gmail.com",
    "telNum": "qwjlqj",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:57",
    "lastOnline": "2023-01-12 15:15:57",
    "deleted": 140,
    "locked": 517,
    "effectTime": "2023-01-12 15:15:57",
    "failureTime": "2023-01-12 15:15:57",
    "remainingPeriod": "z9btv1",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
        "$ref": "...",
      }
    ],
    "userPermission": {
      "$ref": "...",
    },
    "role": {
      "$ref": "...",
    },
    "projects": [
      {
        "$ref": "...",
      }
    ]
  }
]
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-

Field	Type	Description	Since
data	object	No comments found.	-

Response-example:

```
{
  "code": 308,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

用户登录 -- To sign in

URL: http://127.0.0.1/user/login

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 用户登录 -- To sign in

Body-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
account	string	No comments found.	false	-
username	string	No comments found.	false	-
password	string	No comments found.	false	-
avatar	string	No comments found.	false	-
roleId	string	No comments found.	false	-
email	string	No comments found.	false	-
telNum	string	No comments found.	false	-
leaderId	string	No comments found.	false	-
registerTime	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
deleted	int32	No comments found.	false	-
locked	int32	No comments found.	false	-
effectTime	string	No comments found.	false	-
failureTime	string	No comments found.	false	-
remainingPeriod	string	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─orgLogo	string	No comments found.	false	-
└─orgTel	string	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-
└─lowestFloor	int32	No comments found.	false	-
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
permissions	array	No comments found.	false	-
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
userPermission	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└userId	string	No comments found.	false	-
└username	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└menuList	array	No comments found.	false	-
└permissionList	array	No comments found.	false	-
role	object	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└createTime	string	No comments found.	false	-
└roleDesc	string	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└permissions	array	No comments found.	false	-
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-

Parameter	Type	Description	Required	Since
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─sizeLength	float	No comments found.	false	-
└─sizeWidth	float	No comments found.	false	-
└─sizeHeight	float	No comments found.	false	-
└─logPath	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─project	object	No comments found.	false	-
└─baseMap	object	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─maps	array	No comments found.	false	-
└─mapId	string	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─floorNum	int32	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─mapPath	string	No comments found.	false	-
└─mapUrl	string	No comments found.	false	-
└─image	string	No comments found.	false	-
└─resolution	float	No comments found.	false	-
└─originStr	string	No comments found.	false	-
└─occupiedThresh	float	No comments found.	false	-
└─negate	int32	No comments found.	false	-
└─freeThresh	float	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─lastUpdated	string	No comments found.	false	-
└─version	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳mapDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳angleReset	string	No comments found.	false	-
↳identifyTriangle	boolean	No comments found.	false	-
↳mapType	int32	No comments found.	false	-
↳belong	string	No comments found.	false	-
↳bakParent	string	No comments found.	false	-
↳imagePath	string	No comments found.	false	-
↳origin	array	No comments found.	false	-
↳project	object	No comments found.	false	-
↳robot	object	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-

Parameter	Type	Description	Required	Since
└permissions	array	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└role	object	No comments found.	false	-
└projects	array	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/user/login --data '{
  "userId": "70",
  "orgId": "70",
  "account": "sldsdy",
  "username": "milton.farrell",
  "password": "b259gk",
  "avatar": "dfdp2f",
  "roleId": "70",
  "email": "cleora.kertzmenn@gmail.com",
  "telNum": "ds58vk",
  "leaderId": "70",
  "registerTime": "2023-01-12 15:15:57",
  "lastOnline": "2023-01-12 15:15:57",
  "deleted": 582,
  "locked": 350,
  "effectTime": "2023-01-12 15:15:57",
  "failureTime": "2023-01-12 15:15:57",
  "remainingPeriod": "ddogqw",
  "organization": {
    "orgId": "70",
    "orgName": "milton.farrell",
    "orgCode": "96677",
    "orgType": 614,
    "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
    "defaultPrj": "4jxlip",
    "orgDesc": "t1rfy0",
    "deleted": 143,
    "orgLogo": "y9g15z",
    "orgTel": "1gi50q",
    "projects": [
      {
        "projectId": "70",
        "orgId": "70",
        "projectName": "milton.farrell",
        "projectType": "3nef7t",
        "projectAddr": "wx54ec",
        "creator": "0bpw49",
        "longitude": 46.14,
        "latitude": 38.00,
        "altitude": 91.93,
```

```
"lowestFloor": 615,
"highestFloor": 857,
"createdTime": "2023-01-12 15:15:57",
"deleted": 115,
"projectDesc": "11trc5",
"version": 757,
"organization": {
  "$ref": "...",
},
"robots": [
  {
    "$ref": "...",
  }
],
"maps": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
]
},
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "5bxgzc",
    "username": "milton.farrell",
    "password": "d6u0rk",
    "avatar": "n14rgy",
    "roleId": "70",
    "email": "cleora.kertzmenn@gmail.com",
    "telNum": "51o8e0",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:57",
    "lastOnline": "2023-01-12 15:15:57",
    "deleted": 804,
    "locked": 815,
    "effectTime": "2023-01-12 15:15:57",
    "failureTime": "2023-01-12 15:15:57",
    "remainingPeriod": "etgzpd",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
        "$ref": "...",
      }
    ],
    "userPermission": {
```

```
        "$ref": "...",
      },
      "role": {
        "$ref": "...",
      },
      "projects": [
        {
          "$ref": "...",
        }
      ]
    }
  ],
  "robots": [
    {
      "robotId": "70",
      "robotName": "milton.farrell",
      "robotAlias": "24qqr5",
      "robotType": 821,
      "supplier": "39unhe",
      "robotBatch": "joayho",
      "aliveStatus": 457,
      "lifecycleStatus": 85,
      "sizeLength": 12.30,
      "sizeWidth": 51.39,
      "sizeHeight": 25.56,
      "logPath": "o5rxxxt",
      "lastOnline": "2023-01-12 15:15:57",
      "orgId": "70",
      "projectId": "70",
      "mapId": "70",
      "deleted": 789,
      "project": {
        "$ref": "...",
      },
      "baseMap": {
        "$ref": "...",
      },
      "organization": {
        "$ref": "...",
      }
    }
  ]
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 328,
    "deleteStatus": 252
  }
]
```

```
],
"userPermission": {
  "userId": "70",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "menuList": [
    "u83ba2"
  ],
  "permissionList": [
    "46xh3w"
  ]
},
"role": {
  "roleId": "70",
  "roleName": "milton.farrell",
  "createTime": "2023-01-12 15:15:57",
  "roleDesc": "68fmo2",
  "deleteStatus": 981,
  "permissions": [
    {
      "permissionId": "70",
      "menuCode": "96677",
      "menuName": "milton.farrell",
      "permissionCode": "96677",
      "permissionName": "milton.farrell",
      "url": "www.nicholle-homenick.io",
      "requiredPermission": 36,
      "deleteStatus": 90
    }
  ]
},
"projects": [
  {
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "r83dfr",
    "projectAddr": "r4q6dl",
    "creator": "0la5p5",
    "longitude": 79.46,
    "latitude": 46.61,
    "altitude": 32.05,
    "lowestFloor": 140,
    "highestFloor": 267,
    "createdTime": "2023-01-12 15:15:57",
    "deleted": 904,
    "projectDesc": "az4ie5",
    "version": 751,
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 431,
```

```
"address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
"defaultPrj": "70qj2o",
"orgDesc": "6upy19",
"deleted": 913,
"orgLogo": "ib5b5a",
"orgTel": "1lfwyv",
"projects": [
  {
    "$ref": "...",
  }
],
"users": [
  {
    "$ref": "...",
  }
],
"robots": [
  {
    "$ref": "...",
  }
]
},
"robots": [
  {
    "robotId": "70",
    "robotName": "milton.farrell",
    "robotAlias": "jlj8rt",
    "robotType": 98,
    "supplier": "cn2pwi",
    "robotBatch": "6esaom",
    "aliveStatus": 273,
    "lifecycleStatus": 684,
    "sizeLength": 79.09,
    "sizeWidth": 61.09,
    "sizeHeight": 41.99,
    "logPath": "scxrun",
    "lastOnline": "2023-01-12 15:15:57",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 396,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
],
"maps": [
  {
```

```
    "mapId": "70",
    "projectId": "70",
    "floorNum": 23,
    "creator": "7tbks1",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "wx8u95",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "fcdm9k",
    "resolution": 87.67,
    "originStr": "4vefus",
    "occupiedThresh": 74.33,
    "negate": 420,
    "freeThresh": 89.14,
    "createdTime": "2023-01-12 15:15:57",
    "lastUpdated": "2023-01-12 15:15:57",
    "version": 83,
    "mapDesc": "yrw6f1",
    "deleted": 952,
    "angleReset": "8trwty",
    "identifyTriangle": true,
    "mapType": 305,
    "belong": "od6o0p",
    "bakParent": "0rw1sv",
    "imagePath": "cqpnph",
    "origin": [
      {
        "$ref": "..."
      }
    ],
    "project": {
      "$ref": "..."
    },
    "robot": {
      "$ref": "..."
    }
  }
],
"users": [
  {
    "userId": "70",
    "orgId": "70",
    "account": "y28pa9",
    "username": "milton.farrell",
    "password": "esghqh",
    "avatar": "poh81u",
    "roleId": "70",
    "email": "cleora.kertzmnn@gmail.com",
    "telNum": "pfd5q8",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:57",
    "lastOnline": "2023-01-12 15:15:57",
    "deleted": 271,
    "locked": 208,
```

```
    "effectTime": "2023-01-12 15:15:57",
    "failureTime": "2023-01-12 15:15:57",
    "remainingPeriod": "twlfry",
    "organization": {
      "$ref": "...",
    },
    "permissions": [
      {
        "$ref": "...",
      }
    ],
    "userPermission": {
      "$ref": "...",
    },
    "role": {
      "$ref": "...",
    },
    "projects": [
      {
        "$ref": "...",
      }
    ]
  }
]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 920,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取用户信息 -- To acquire user information

URL: http://127.0.0.1/user/info

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取用户信息 -- To acquire user information

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Request-example:

```
curl -X GET -i http://127.0.0.1/user/info?userId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 520,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

退出登录 -- To sign out

URL: http://127.0.0.1/user/logout

Type: POST**Author:** "zhihui"**Content-Type:** application/x-www-form-urlencoded;charset=utf-8**Description:** 退出登录 -- To sign out**Query-parameters:**

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Request-example:

```
curl -X POST -i http://127.0.0.1/user/logout --data 'userId=70'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 456,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

更新用户信息 -- To modify user information

URL: http://127.0.0.1/user/info**Type:** PUT**Author:** "zhihui"

Content-Type: application/json; charset=utf-8

Description: 更新用户信息 -- To modify user information

Body-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
orgId	string	No comments found.	false	-
account	string	No comments found.	false	-
username	string	No comments found.	false	-
password	string	No comments found.	false	-
avatar	string	No comments found.	false	-
roleId	string	No comments found.	false	-
email	string	No comments found.	false	-
telNum	string	No comments found.	false	-
leaderId	string	No comments found.	false	-
registerTime	string	No comments found.	false	-
lastOnline	string	No comments found.	false	-
deleted	int32	No comments found.	false	-
locked	int32	No comments found.	false	-
effectTime	string	No comments found.	false	-
failureTime	string	No comments found.	false	-
remainingPeriod	string	No comments found.	false	-
organization	object	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─orgName	string	No comments found.	false	-
└─orgCode	string	No comments found.	false	-
└─orgType	int32	No comments found.	false	-
└─address	string	No comments found.	false	-
└─defaultPrj	string	No comments found.	false	-
└─orgDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳projectId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳projectName	string	No comments found.	false	-
↳projectType	string	No comments found.	false	-
↳projectAddr	string	No comments found.	false	-
↳creator	string	No comments found.	false	-
↳longitude	float	No comments found.	false	-
↳latitude	float	No comments found.	false	-
↳altitude	float	No comments found.	false	-
↳lowestFloor	int32	No comments found.	false	-
↳highestFloor	int32	No comments found.	false	-
↳createdTime	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳projectDesc	string	No comments found.	false	-
↳version	int32	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳maps	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳account	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳password	string	No comments found.	false	-
↳avatar	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳email	string	No comments found.	false	-
↳telNum	string	No comments found.	false	-
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳role	object	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳robotId	string	No comments found.	false	-
↳robotName	string	No comments found.	false	-
↳robotAlias	string	No comments found.	false	-
↳robotType	int32	No comments found.	false	-
↳supplier	string	No comments found.	false	-
↳robotBatch	string	No comments found.	false	-
↳aliveStatus	int32	No comments found.	false	-
↳lifecycleStatus	int32	No comments found.	false	-
↳sizeLength	float	No comments found.	false	-
↳sizeWidth	float	No comments found.	false	-
↳sizeHeight	float	No comments found.	false	-
↳logPath	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳orgId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳projectId	string	No comments found.	false	-
↳mapId	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳project	object	No comments found.	false	-
↳baseMap	object	No comments found.	false	-
↳organization	object	No comments found.	false	-
permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-
↳menuCode	string	No comments found.	false	-
↳menuName	string	No comments found.	false	-
↳permissionCode	string	No comments found.	false	-
↳permissionName	string	No comments found.	false	-
↳url	string	No comments found.	false	-
↳requiredPermission	int32	No comments found.	false	-
↳deleteStatus	int32	No comments found.	false	-
userPermission	object	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳roleName	string	No comments found.	false	-
↳menuList	array	No comments found.	false	-
↳permissionList	array	No comments found.	false	-
role	object	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳roleName	string	No comments found.	false	-
↳createTime	string	No comments found.	false	-
↳roleDesc	string	No comments found.	false	-
↳deleteStatus	int32	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└robotId	string	No comments found.	false	-
└robotName	string	No comments found.	false	-
└robotAlias	string	No comments found.	false	-
└robotType	int32	No comments found.	false	-
└supplier	string	No comments found.	false	-
└robotBatch	string	No comments found.	false	-
└aliveStatus	int32	No comments found.	false	-
└lifecycleStatus	int32	No comments found.	false	-
└sizeLength	float	No comments found.	false	-
└sizeWidth	float	No comments found.	false	-
└sizeHeight	float	No comments found.	false	-
└logPath	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectId	string	No comments found.	false	-
└mapId	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└project	object	No comments found.	false	-
└baseMap	object	No comments found.	false	-
└organization	object	No comments found.	false	-
└maps	array	No comments found.	false	-
└mapId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─projectId	string	No comments found.	false	-
└─floorNum	int32	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─robotId	string	No comments found.	false	-
└─mapName	string	No comments found.	false	-
└─mapPath	string	No comments found.	false	-
└─mapUrl	string	No comments found.	false	-
└─image	string	No comments found.	false	-
└─resolution	float	No comments found.	false	-
└─originStr	string	No comments found.	false	-
└─occupiedThresh	float	No comments found.	false	-
└─negate	int32	No comments found.	false	-
└─freeThresh	float	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─lastUpdated	string	No comments found.	false	-
└─version	int32	No comments found.	false	-
└─mapDesc	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─angleReset	string	No comments found.	false	-
└─identifyTriangle	boolean	No comments found.	false	-
└─mapType	int32	No comments found.	false	-
└─belong	string	No comments found.	false	-
└─bakParent	string	No comments found.	false	-
└─imagePath	string	No comments found.	false	-
└─origin	array	No comments found.	false	-
└─project	object	No comments found.	false	-
└─robot	object	No comments found.	false	-
└─users	array	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─account	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─password	string	No comments found.	false	-
└─avatar	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─email	string	No comments found.	false	-
└─telNum	string	No comments found.	false	-
└─leaderId	string	No comments found.	false	-
└─registerTime	string	No comments found.	false	-
└─lastOnline	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─locked	int32	No comments found.	false	-
└─effectTime	string	No comments found.	false	-
└─failureTime	string	No comments found.	false	-
└─remainingPeriod	string	No comments found.	false	-
└─organization	object	No comments found.	false	-
└─permissions	array	No comments found.	false	-
└─userPermission	object	No comments found.	false	-
└─role	object	No comments found.	false	-
└─projects	array	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/user/info --data '{
  "userId": "70",
  "orgId": "70",
  "account": "z45bn6",
  "username": "milton.farrell",
  "password": "ar7jod",
  "avatar": "segc7p",
  "roleId": "70",
  "email": "cleora.kertzmenn@gmail.com",
  "telNum": "ae6pyo",
  "leaderId": "70",
  "registerTime": "2023-01-12 15:15:57",
```

```
"lastOnline": "2023-01-12 15:15:57",
"deleted": 784,
"locked": 805,
"effectTime": "2023-01-12 15:15:57",
"failureTime": "2023-01-12 15:15:57",
"remainingPeriod": "3en8v4",
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 658,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "ffl1zaf",
  "orgDesc": "l9y26e",
  "deleted": 907,
  "orgLogo": "ss4r13",
  "orgTel": "m547ux",
  "projects": [
    {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "omcenq",
      "projectAddr": "atkh4e",
      "creator": "j9r44y",
      "longitude": 86.83,
      "latitude": 82.30,
      "altitude": 27.98,
      "lowestFloor": 800,
      "highestFloor": 745,
      "createdTime": "2023-01-12 15:15:57",
      "deleted": 740,
      "projectDesc": "26moh1",
      "version": 905,
      "organization": {
        "$ref": "..."
      },
      "robots": [
        {
          "$ref": "..."
        }
      ],
      "maps": [
        {
          "$ref": "..."
        }
      ],
      "users": [
        {
          "$ref": "..."
        }
      ]
    }
  ],
}
```

```
"users": [  
  {  
    "userId": "70",  
    "orgId": "70",  
    "account": "2fokrh",  
    "username": "milton.farrell",  
    "password": "yfsp44",  
    "avatar": "q7gp3b",  
    "roleId": "70",  
    "email": "cleora.kertzmnn@gmail.com",  
    "telNum": "gz3858",  
    "leaderId": "70",  
    "registerTime": "2023-01-12 15:15:57",  
    "lastOnline": "2023-01-12 15:15:57",  
    "deleted": 80,  
    "locked": 394,  
    "effectTime": "2023-01-12 15:15:57",  
    "failureTime": "2023-01-12 15:15:57",  
    "remainingPeriod": "ohpqg8",  
    "organization": {  
      "$ref": "..."  
    },  
    "permissions": [  
      {  
        "$ref": "..."  
      }  
    ],  
    "userPermission": {  
      "$ref": "..."  
    },  
    "role": {  
      "$ref": "..."  
    },  
    "projects": [  
      {  
        "$ref": "..."  
      }  
    ]  
  }  
],  
"robots": [  
  {  
    "robotId": "70",  
    "robotName": "milton.farrell",  
    "robotAlias": "t2jtfv",  
    "robotType": 645,  
    "supplier": "m5v15a",  
    "robotBatch": "c86qaj",  
    "aliveStatus": 687,  
    "lifecycleStatus": 627,  
    "sizeLength": 5.31,  
    "sizeWidth": 95.69,  
    "sizeHeight": 9.63,  
    "logPath": "pgt3ra",
```

```
    "lastOnline": "2023-01-12 15:15:57",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 60,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
],
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 849,
    "deleteStatus": 356
  }
],
"userPermission": {
  "userId": "70",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "menuList": [
    "cwcwt0"
  ],
  "permissionList": [
    "7pa267"
  ]
},
"role": {
  "roleId": "70",
  "roleName": "milton.farrell",
  "createTime": "2023-01-12 15:15:57",
  "roleDesc": "pi5ft7",
  "deleteStatus": 806,
  "permissions": [
    {
      "permissionId": "70",
      "menuCode": "96677",
      "menuName": "milton.farrell",
      "permissionCode": "96677",
      "permissionName": "milton.farrell",
```

```
        "url": "www.nicholle-homenick.io",
        "requiredPermission": 901,
        "deleteStatus": 221
    }
]
},
"projects": [
{
    "projectId": "70",
    "orgId": "70",
    "projectName": "milton.farrell",
    "projectType": "mbtiq0",
    "projectAddr": "y3dg9r",
    "creator": "g1zbnk",
    "longitude": 73.79,
    "latitude": 78.76,
    "altitude": 26.66,
    "lowestFloor": 735,
    "highestFloor": 309,
    "createdTime": "2023-01-12 15:15:57",
    "deleted": 78,
    "projectDesc": "anhv4j",
    "version": 728,
    "organization": {
        "orgId": "70",
        "orgName": "milton.farrell",
        "orgCode": "96677",
        "orgType": 295,
        "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
        "defaultPrj": "ncsiym",
        "orgDesc": "n1n22s",
        "deleted": 857,
        "orgLogo": "abqp73",
        "orgTel": "8s4kg5",
        "projects": [
            {
                "$ref": "...",
            }
        ],
        "users": [
            {
                "$ref": "...",
            }
        ],
        "robots": [
            {
                "$ref": "...",
            }
        ]
    },
    "robots": [
        {
            "robotId": "70",
            "robotName": "milton.farrell",
```

```
    "robotAlias": "gb25hq",
    "robotType": 524,
    "supplier": "z4r3ex",
    "robotBatch": "vyee72",
    "aliveStatus": 432,
    "lifecycleStatus": 166,
    "sizeLength": 33.73,
    "sizeWidth": 25.90,
    "sizeHeight": 4.92,
    "logPath": "kkcre5",
    "lastOnline": "2023-01-12 15:15:57",
    "orgId": "70",
    "projectId": "70",
    "mapId": "70",
    "deleted": 630,
    "project": {
      "$ref": "...",
    },
    "baseMap": {
      "$ref": "...",
    },
    "organization": {
      "$ref": "...",
    }
  }
],
"maps": [
  {
    "mapId": "70",
    "projectId": "70",
    "floorNum": 287,
    "creator": "xgzepd",
    "robotId": "70",
    "mapName": "milton.farrell",
    "mapPath": "ttfmt8",
    "mapUrl": "www.nicholle-homenick.io",
    "image": "te8r69",
    "resolution": 53.24,
    "originStr": "qawkvf",
    "occupiedThresh": 22.06,
    "negate": 366,
    "freeThresh": 73.39,
    "createdTime": "2023-01-12 15:15:57",
    "lastUpdated": "2023-01-12 15:15:57",
    "version": 346,
    "mapDesc": "rosbh3",
    "deleted": 268,
    "angleReset": "b5l0cw",
    "identifyTriangle": true,
    "mapType": 89,
    "belong": "199hsz",
    "bakParent": "ademxe",
    "imagePath": "78wm2q",
    "origin": [
```

```

        {
            "$ref": "...
        }
    ],
    "project": {
        "$ref": "...
    },
    "robot": {
        "$ref": "...
    }
}
],
"users": [
    {
        "userId": "70",
        "orgId": "70",
        "account": "ch9xl0",
        "username": "milton.farrell",
        "password": "y215hx",
        "avatar": "evdhq0",
        "roleId": "70",
        "email": "cleora.kertzmnn@gmail.com",
        "telNum": "5kqkkv",
        "leaderId": "70",
        "registerTime": "2023-01-12 15:15:57",
        "lastOnline": "2023-01-12 15:15:57",
        "deleted": 849,
        "locked": 984,
        "effectTime": "2023-01-12 15:15:57",
        "failureTime": "2023-01-12 15:15:57",
        "remainingPeriod": "i1xp4d",
        "organization": {
            "$ref": "...
        },
        "permissions": [
            {
                "$ref": "...
            }
        ],
        "userPermission": {
            "$ref": "...
        },
        "role": {
            "$ref": "...
        },
        "projects": [
            {
                "$ref": "...
            }
        ]
    }
]
}

```

```
]
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 319,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

修改密码 -- To update password

URL: http://127.0.0.1/user/newPassword

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 修改密码 -- To update password

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
originPassword	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
newPassword	string	No comments found.	false	-
confirm	string	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/user/newPassword?userId=70 --data '{
  "originPassword": "veg7r1",
  "newPassword": "g9ccs7",
  "confirm": "v2do4p"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 224,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

编辑用户信息 -- To edit user information

URL: http://127.0.0.1/user/editUserInfo

Type: PUT

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 编辑用户信息 -- To edit user information

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user (a request attribute named "id", extracted from request header named "token") ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-
account	string	No comments found.	false	-
username	string	No comments found.	false	-
roleId	string	No comments found.	false	-
roleName	string	No comments found.	false	-
password	string	No comments found.	false	-
confirmPassword	string	No comments found.	false	-
timeLimitType	int32	No comments found.	false	-
effectTime	string	No comments found.	false	-
failureTime	string	No comments found.	false	-
identificationCode	string	No comments found.	false	-
orgId	string	No comments found.	false	-

Request-example:

```
curl -X PUT -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1/user/editUserInfo?userId=70 --data '{
  "userId": "70",
  "account": "5ak77h",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "password": "zax7ec",
  "confirmPassword": "xws0gs",
  "timeLimitType": 532,
  "effectTime": "2023-01-12 15:15:57",
  "failureTime": "2023-01-12 15:15:57",
  "identificationCode": "96677",
  "orgId": "70"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 240,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

版本, 远程更新 -- Version & Update

上传最新版本的压缩包 -- To upload latest version package file

URL: http://127.0.0.1/[/version,/fleetapi/version]/upload

Type: POST

Author: "zhihui"

Content-Type: multipart/form-data

Description: 上传最新版本的压缩包 -- To upload latest version package file

Query-parameters:

Parameter	Type	Description	Required	Since
compressedFile	file	zip file of package	true	-
userId	string	No comments found.	false	-
type	int32	package type, of back-end(0) or navigation-end(1) or onboard(2) or ota-service(99)	true	-
subtype	int32	subtype of package, such as 2D(0) and 3D(1) of navigation system		

```
prod-China(0), test(1), factory(2), prod-Singapore(3) of environment
switch|false|-
```

adaptedRobots|string|No comments found.|false|- version|string|No comments found.|true|-
description|string|No comments found.|true|-

Request-example:

```
curl -X POST -H 'Content-Type: multipart/form-data' -i
http://127.0.0.1[/version,/fleetapi/version]/upload --data
'subtype=243&userId=70&description=xjglt5&version=r7yndo&type=330&adaptedRobots=eu
b7b9'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 215,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取已上传的压缩包列表 -- To get uploaded update package list

URL: http://127.0.0.1[/version,/fleetapi/version]/upload

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取已上传的压缩包列表 -- To get uploaded update package list

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
type	int32	package type	false	-
subtype	int32	subtype of package	false	-
keyword	string	keyword for searching	false	-
robotType	int32	No comments found.	false	-
page	int32	No comments found.	true	-
pageSize	int32	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1[/version,/fleetapi/version]/upload?robotType=389&page=1&subtype=595&keyword=ljrufc&pageSize=10&type=140
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 212,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

选择一个版本的压缩包 · 远程更新 -- Remote updating

URL: http://127.0.0.1[/version,/fleetapi/version]/update

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 选择一个版本的压缩包 · 远程更新 -- Remote updating

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
packageId	string	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1[/version,/fleetapi/version]/update?userId=70 --data '{
  "robotId": "70",
  "packageId": "70"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 892,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除某个版本的压缩包 -- To delete package

URL: http://127.0.0.1[/version,/fleetapi/version]/update

Type: DELETE

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 删除某个版本的压缩包 -- To delete package

Body-parameters:

Parameter	Type	Description	Required	Since
packageId	string	No comments found.	false	-
packageName	string	No comments found.	false	-
packageOf	int32	No comments found.	false	-
packageVersion	string	No comments found.	false	-
packageMd5	string	No comments found.	false	-
resourceUrl	string	No comments found.	false	-
versionNum	int32	No comments found.	false	-
updateTime	string	No comments found.	false	-
commitMessage	string	No comments found.	false	-
packageSubtype	int32	No comments found.	false	-
adaptedRobots	string	适用的机器人类型： 考虑到版本包可能适用于多种类型的机器人， 因此用字符串类型， 机器人类型间用分隔符连接；但目前版本包只能用于一种机器人。	false	-
creator	object	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─account	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─password	string	No comments found.	false	-
└─avatar	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─email	string	No comments found.	false	-
└─telNum	string	No comments found.	false	-
└─leaderId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└orgId	string	No comments found.	false	-
└orgName	string	No comments found.	false	-
└orgCode	string	No comments found.	false	-
└orgType	int32	No comments found.	false	-
└address	string	No comments found.	false	-
└defaultPrj	string	No comments found.	false	-
└orgDesc	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└orgLogo	string	No comments found.	false	-
└orgTel	string	No comments found.	false	-
└projects	array	No comments found.	false	-
└users	array	No comments found.	false	-
└robots	array	No comments found.	false	-
└permissions	array	No comments found.	false	-
└permissionId	string	No comments found.	false	-
└menuCode	string	No comments found.	false	-
└menuName	string	No comments found.	false	-
└permissionCode	string	No comments found.	false	-
└permissionName	string	No comments found.	false	-
└url	string	No comments found.	false	-
└requiredPermission	int32	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└─userPermission	object	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─roleName	string	No comments found.	false	-
└─menuList	array	No comments found.	false	-
└─permissionList	array	No comments found.	false	-
└─role	object	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─roleName	string	No comments found.	false	-
└─createTime	string	No comments found.	false	-
└─roleDesc	string	No comments found.	false	-
└─deleteStatus	int32	No comments found.	false	-
└─permissions	array	No comments found.	false	-
└─projects	array	No comments found.	false	-
└─projectId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─projectName	string	No comments found.	false	-
└─projectType	string	No comments found.	false	-
└─projectAddr	string	No comments found.	false	-
└─creator	string	No comments found.	false	-
└─longitude	float	No comments found.	false	-
└─latitude	float	No comments found.	false	-
└─altitude	float	No comments found.	false	-
└─lowestFloor	int32	No comments found.	false	-
└─highestFloor	int32	No comments found.	false	-
└─createdTime	string	No comments found.	false	-
└─deleted	int32	No comments found.	false	-
└─projectDesc	string	No comments found.	false	-
└─version	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1[/version,/fleetapi/version]/update --data '{
  "packageId": "70",
  "packageName": "milton.farrell",
  "packageOf": 615,
  "packageVersion": "0.78",
  "packageMd5": "esnr4z",
  "resourceUrl": "www.nicholle-homenick.io",
  "versionNum": 258,
  "updateTime": "2023-01-12 15:15:57",
  "commitMessage": "success",
  "packageSubtype": 440,
  "adaptedRobots": "b7smce",
  "creator": {
    "userId": "70",
    "orgId": "70",
    "account": "aupuf5",
    "username": "milton.farrell",
    "password": "ldpcnf",
    "avatar": "5xsc16",
    "roleId": "70",
    "email": "cleora.kertzmnn@gmail.com",
    "telNum": "jcr9wp",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:57",
    "lastOnline": "2023-01-12 15:15:57",
    "deleted": 620,
    "locked": 258,
    "effectTime": "2023-01-12 15:15:57",
    "failureTime": "2023-01-12 15:15:57",
    "remainingPeriod": "6yr9h1",
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 615,
      "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
      "defaultPrj": "8eao2",
      "orgDesc": "nooryy",
      "deleted": 574,
      "orgLogo": "jplt2m",
```

```
"orgTel": "piveq0",
"projects": [
  {
    "$ref": "...
  }
],
"users": [
  {
    "$ref": "...
  }
],
"robots": [
  {
    "$ref": "...
  }
]
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 321,
    "deleteStatus": 11
  }
],
"userPermission": {
  "userId": "70",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "menuList": [
    "ghepy5"
  ],
  "permissionList": [
    "4q7d7u"
  ]
},
"role": {
  "roleId": "70",
  "roleName": "milton.farrell",
  "createTime": "2023-01-12 15:15:57",
  "roleDesc": "ixvl8t",
  "deleteStatus": 237,
  "permissions": [
    {
      "$ref": "...
    }
  ]
},
"projects": [
```

```
{
  "projectId": "70",
  "orgId": "70",
  "projectName": "milton.farrell",
  "projectType": "5t5g1j",
  "projectAddr": "fsscav",
  "creator": "xwxqia",
  "longitude": 31.65,
  "latitude": 90.30,
  "altitude": 35.48,
  "lowestFloor": 1,
  "highestFloor": 239,
  "createdTime": "2023-01-12 15:15:57",
  "deleted": 936,
  "projectDesc": "4wrpk0",
  "version": 576,
  "organization": {
    "$ref": "...",
  },
  "robots": [
    {
      "$ref": "...",
    }
  ],
  "maps": [
    {
      "$ref": "...",
    }
  ],
  "users": [
    {
      "$ref": "...",
    }
  ]
}
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 516,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取需要远程更新的软件模块名称 -- To get software name for upgrading

URL: http://127.0.0.1/[/version,/fleetapi/version]/title

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取需要远程更新的软件模块名称 -- To get software name for upgrading

Request-example:

```
curl -X GET -i http://127.0.0.1[/version,/fleetapi/version]/title
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 188,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取设备各模块软件版本信息 -- To query module version

URL: http://127.0.0.1/[/version,/fleetapi/version]/partial

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取设备各模块软件版本信息 -- To query module version

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1[/version,/fleetapi/version]/partial?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 642,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取设备软件当前统一版本号 -- To query robot's unified version

URL: http://127.0.0.1/[/version,/fleetapi/version]/currentVersion

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取设备软件当前统一版本号 -- To query robot's unified version

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1[/version,/fleetapi/version]/currentVersion?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 856,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取设备可用的更新版本 -- To query applicable update for this robot

URL: http://127.0.0.1[/version,/fleetapi/version]/applicable

Type: GET

Author: "zhihui"

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取设备可用的更新版本 -- To query applicable update for this robot

Query-parameters:

Parameter	Type	Description	Required	Since
robotId	string	ID of robot	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1/[/version,/fleetapi/version]/applicable?robotId=70
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 205,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

更新设备软件 -- To update robot's software

URL: http://127.0.0.1/[/version,/fleetapi/version]/unifiedUpdate

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 更新设备软件 -- To update robot's software

Query-parameters:

Parameter	Type	Description	Required	Since
-----------	------	-------------	----------	-------

Parameter	Type	Description	Required	Since
userId	string	No comments found.	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
robotId	string	No comments found.	false	-
versionId	string	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1[/version,/fleetapi/version]/unifiedUpdate?userId=70 --data '{
  "robotId": "70",
  "versionId": "70"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 230,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

指定/定义机器人统一软件版本 -- To create a unified version, combined with UI tool, backend and AutoRS

URL: http://127.0.0.1[/version,/fleetapi/version]/unifiedVersion

Type: POST

Author: "zhihui"

Content-Type: application/json; charset=utf-8

Description: 指定/定义机器人统一软件版本 -- To create a unified version, combined with UI tool, backend and AutoRS

Query-parameters:

Parameter	Type	Description	Required	Since
userId	string	ID of user	false	-

Body-parameters:

Parameter	Type	Description	Required	Since
versionId	string	No comments found.	false	-
versionSn	string	No comments found.	false	-
verToolUi	string	No comments found.	false	-
verBackEnd	string	No comments found.	false	-
verAutoRs	string	No comments found.	false	-
uiToolPkgId	string	No comments found.	false	-
backEndPkgId	string	No comments found.	false	-
autoRsPkgId	string	No comments found.	false	-
adaptedRobots	string	适用的机器人类型： 考虑到版本包可能适用于多种类型的机器人， 因此用字符串类型， 机器人类型间用分隔符连接；但目前版本包只 能用于一种机器人。	false	-
creator	object	No comments found.	false	-
└─userId	string	No comments found.	false	-
└─orgId	string	No comments found.	false	-
└─account	string	No comments found.	false	-
└─username	string	No comments found.	false	-
└─password	string	No comments found.	false	-
└─avatar	string	No comments found.	false	-
└─roleId	string	No comments found.	false	-
└─email	string	No comments found.	false	-
└─telNum	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳leaderId	string	No comments found.	false	-
↳registerTime	string	No comments found.	false	-
↳lastOnline	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳locked	int32	No comments found.	false	-
↳effectTime	string	No comments found.	false	-
↳failureTime	string	No comments found.	false	-
↳remainingPeriod	string	No comments found.	false	-
↳organization	object	No comments found.	false	-
↳orgId	string	No comments found.	false	-
↳orgName	string	No comments found.	false	-
↳orgCode	string	No comments found.	false	-
↳orgType	int32	No comments found.	false	-
↳address	string	No comments found.	false	-
↳defaultPrj	string	No comments found.	false	-
↳orgDesc	string	No comments found.	false	-
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-
↳menuCode	string	No comments found.	false	-
↳menuName	string	No comments found.	false	-
↳permissionCode	string	No comments found.	false	-
↳permissionName	string	No comments found.	false	-
↳url	string	No comments found.	false	-
↳requiredPermission	int32	No comments found.	false	-

Parameter	Type	Description	Required	Since
└deleteStatus	int32	No comments found.	false	-
└userPermission	object	No comments found.	false	-
└userId	string	No comments found.	false	-
└username	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└menuList	array	No comments found.	false	-
└permissionList	array	No comments found.	false	-
└role	object	No comments found.	false	-
└roleId	string	No comments found.	false	-
└roleName	string	No comments found.	false	-
└createTime	string	No comments found.	false	-
└roleDesc	string	No comments found.	false	-
└deleteStatus	int32	No comments found.	false	-
└permissions	array	No comments found.	false	-
└projects	array	No comments found.	false	-
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
createdTime	string	No comments found.	false	-
versionDesc	string	No comments found.	false	-

Request-example:

```
curl -X POST -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1[/version,/fleetapi/version]/unifiedVersion?userId=70 --data '{
  "versionId": "70",
  "versionSn": "muxqdp",
  "verToolUi": "99rzfm",
  "verBackEnd": "611x9q",
  "verAutoRs": "cgdj99",
  "uiToolPkgId": "70",
  "backEndPkgId": "70",
  "autoRsPkgId": "70",
  "adaptedRobots": "museft",
  "creator": {
    "userId": "70",
    "orgId": "70",
    "account": "8cf9to",
    "username": "milton.farrell",
    "password": "nl8fo9",
    "avatar": "8g7jeg",
    "roleId": "70",
    "email": "cleora.kertzmann@gmail.com",
    "telNum": "2xvhqt",
    "leaderId": "70",
    "registerTime": "2023-01-12 15:15:57",
    "lastOnline": "2023-01-12 15:15:57",
    "deleted": 756,
    "locked": 686,
    "effectTime": "2023-01-12 15:15:57",
    "failureTime": "2023-01-12 15:15:57",
    "remainingPeriod": "n3xan1",
    "organization": {
      "orgId": "70",
      "orgName": "milton.farrell",
      "orgCode": "96677",
      "orgType": 656,
      "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
      "defaultPrj": "i3hz1h",
```

```
"orgDesc": "zjjmu0",
"deleted": 332,
"orgLogo": "c2u1nb",
"orgTel": "a3elsy",
"projects": [
  {
    "$ref": "... "
  }
],
"users": [
  {
    "$ref": "... "
  }
],
"robots": [
  {
    "$ref": "... "
  }
],
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 869,
    "deleteStatus": 586
  }
],
"userPermission": {
  "userId": "70",
  "username": "milton.farrell",
  "roleId": "70",
  "roleName": "milton.farrell",
  "menuList": [
    "nz7ge4"
  ],
  "permissionList": [
    "vqoibp"
  ]
},
"role": {
  "roleId": "70",
  "roleName": "milton.farrell",
  "createTime": "2023-01-12 15:15:57",
  "roleDesc": "u0twxg",
  "deleteStatus": 921,
  "permissions": [
    {
      "$ref": "... "
    }
  ]
}
```

```
    ]
  },
  "projects": [
    {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "t3drcq",
      "projectAddr": "zv2o7x",
      "creator": "9fz9ok",
      "longitude": 78.04,
      "latitude": 72.25,
      "altitude": 40.70,
      "lowestFloor": 469,
      "highestFloor": 221,
      "createdTime": "2023-01-12 15:15:57",
      "deleted": 693,
      "projectDesc": "g4tv7g",
      "version": 362,
      "organization": {
        "$ref": "...",
      },
      "robots": [
        {
          "$ref": "...",
        }
      ],
      "maps": [
        {
          "$ref": "...",
        }
      ],
      "users": [
        {
          "$ref": "...",
        }
      ]
    }
  ]
},
"createdTime": "2023-01-12 15:15:57",
"versionDesc": "33crnb"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-

Field	Type	Description	Since
data	object	No comments found.	-

Response-example:

```
{
  "code": 395,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

获取已合并的版本列表 -- To get combined version package list

URL: http://127.0.0.1/[/version,/fleetapi/version]/unifiedVersion

Type: GET

Author: zhihui

Content-Type: application/x-www-form-urlencoded;charset=utf-8

Description: 获取已合并的版本列表 -- To get combined version package list

Query-parameters:

Parameter	Type	Description	Required	Since
robotType	int32	robot type	false	-
keyword	string	keyword for searching	false	-
page	int32	No comments found.	true	-
pageSize	int32	No comments found.	true	-

Request-example:

```
curl -X GET -i http://127.0.0.1[/version,/fleetapi/version]/unifiedVersion?
pageSize=10&keyword=6abv83&page=1&robotType=755
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-

Field	Type	Description	Since
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 410,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```

删除某个已合并的版本 -- To delete combined version

URL: http://127.0.0.1/[/version,/fleetapi/version]/unifiedVersion

Type: DELETE

Author: zhihui

Content-Type: application/json; charset=utf-8

Description: 删除某个已合并的版本 -- To delete combined version

Body-parameters:

Parameter	Type	Description	Required	Since
versionId	string	No comments found.	false	-
versionSn	string	No comments found.	false	-
verToolUi	string	No comments found.	false	-
verBackEnd	string	No comments found.	false	-
verAutoRs	string	No comments found.	false	-
uiToolPkgId	string	No comments found.	false	-
backEndPkgId	string	No comments found.	false	-
autoRsPkgId	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
adaptedRobots	string	适用的机器人类型： 考虑到版本包可能适用于多种类型的机器人， 因此用字符串类型， 机器人类型间用分隔符连接；但目前版本包只 能用于一种机器人。	false	-
creator	object	No comments found.	false	-
└userId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└account	string	No comments found.	false	-
└username	string	No comments found.	false	-
└password	string	No comments found.	false	-
└avatar	string	No comments found.	false	-
└roleId	string	No comments found.	false	-
└email	string	No comments found.	false	-
└telNum	string	No comments found.	false	-
└leaderId	string	No comments found.	false	-
└registerTime	string	No comments found.	false	-
└lastOnline	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└locked	int32	No comments found.	false	-
└effectTime	string	No comments found.	false	-
└failureTime	string	No comments found.	false	-
└remainingPeriod	string	No comments found.	false	-
└organization	object	No comments found.	false	-
└└orgId	string	No comments found.	false	-
└└orgName	string	No comments found.	false	-
└└orgCode	string	No comments found.	false	-
└└orgType	int32	No comments found.	false	-
└└address	string	No comments found.	false	-
└└defaultPrj	string	No comments found.	false	-
└└orgDesc	string	No comments found.	false	-

Parameter	Type	Description	Required	Since
↳deleted	int32	No comments found.	false	-
↳orgLogo	string	No comments found.	false	-
↳orgTel	string	No comments found.	false	-
↳projects	array	No comments found.	false	-
↳users	array	No comments found.	false	-
↳robots	array	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳permissionId	string	No comments found.	false	-
↳menuCode	string	No comments found.	false	-
↳menuName	string	No comments found.	false	-
↳permissionCode	string	No comments found.	false	-
↳permissionName	string	No comments found.	false	-
↳url	string	No comments found.	false	-
↳requiredPermission	int32	No comments found.	false	-
↳deleteStatus	int32	No comments found.	false	-
↳userPermission	object	No comments found.	false	-
↳userId	string	No comments found.	false	-
↳username	string	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳roleName	string	No comments found.	false	-
↳menuList	array	No comments found.	false	-
↳permissionList	array	No comments found.	false	-
↳role	object	No comments found.	false	-
↳roleId	string	No comments found.	false	-
↳roleName	string	No comments found.	false	-
↳createTime	string	No comments found.	false	-
↳roleDesc	string	No comments found.	false	-
↳deleteStatus	int32	No comments found.	false	-
↳permissions	array	No comments found.	false	-
↳projects	array	No comments found.	false	-

Parameter	Type	Description	Required	Since
└projectId	string	No comments found.	false	-
└orgId	string	No comments found.	false	-
└projectName	string	No comments found.	false	-
└projectType	string	No comments found.	false	-
└projectAddr	string	No comments found.	false	-
└creator	string	No comments found.	false	-
└longitude	float	No comments found.	false	-
└latitude	float	No comments found.	false	-
└altitude	float	No comments found.	false	-
└lowestFloor	int32	No comments found.	false	-
└highestFloor	int32	No comments found.	false	-
└createdTime	string	No comments found.	false	-
└deleted	int32	No comments found.	false	-
└projectDesc	string	No comments found.	false	-
└version	int32	No comments found.	false	-
└organization	object	No comments found.	false	-
└robots	array	No comments found.	false	-
└maps	array	No comments found.	false	-
└users	array	No comments found.	false	-
createdTime	string	No comments found.	false	-
versionDesc	string	No comments found.	false	-

Request-example:

```
curl -X DELETE -H 'Content-Type: application/json; charset=utf-8' -i
http://127.0.0.1[/version,/fleetapi/version]/unifiedVersion --data '{
  "versionId": "70",
  "versionSn": "pu2sid",
  "verToolUi": "8q9lcn",
  "verBackEnd": "vafeoc",
  "verAutoRs": "7itptc",
  "uiToolPkgId": "70",
  "backEndPkgId": "70",
  "autoRsPkgId": "70",
  "adaptedRobots": "ev5es4",
  "creator": {
```

```
"userId": "70",
"orgId": "70",
"account": "i208xc",
"username": "milton.farrell",
"password": "9038op",
"avatar": "ajp751",
"roleId": "70",
"email": "cleora.kertzmann@gmail.com",
"telNum": "r4qbg5",
"leaderId": "70",
"registerTime": "2023-01-12 15:15:57",
"lastOnline": "2023-01-12 15:15:57",
"deleted": 175,
"locked": 882,
"effectTime": "2023-01-12 15:15:57",
"failureTime": "2023-01-12 15:15:57",
"remainingPeriod": "uk36id",
"organization": {
  "orgId": "70",
  "orgName": "milton.farrell",
  "orgCode": "96677",
  "orgType": 96,
  "address": "8982 Leta Heights, Johnieburgh, NH 52647-3608",
  "defaultPrj": "f877b1",
  "orgDesc": "yybp4t",
  "deleted": 127,
  "orgLogo": "c1ovsw",
  "orgTel": "lyy34x",
  "projects": [
    {
      "$ref": "..."
    }
  ],
  "users": [
    {
      "$ref": "..."
    }
  ],
  "robots": [
    {
      "$ref": "..."
    }
  ]
},
"permissions": [
  {
    "permissionId": "70",
    "menuCode": "96677",
    "menuName": "milton.farrell",
    "permissionCode": "96677",
    "permissionName": "milton.farrell",
    "url": "www.nicholle-homenick.io",
    "requiredPermission": 360,
    "deleteStatus": 712
  }
]
```

```
    }
  ],
  "userPermission": {
    "userId": "70",
    "username": "milton.farrell",
    "roleId": "70",
    "roleName": "milton.farrell",
    "menuList": [
      "c24hx5"
    ],
    "permissionList": [
      "v91lz2x"
    ]
  },
  "role": {
    "roleId": "70",
    "roleName": "milton.farrell",
    "createTime": "2023-01-12 15:15:57",
    "roleDesc": "1asydg",
    "deleteStatus": 160,
    "permissions": [
      {
        "$ref": "..."
      }
    ]
  },
  "projects": [
    {
      "projectId": "70",
      "orgId": "70",
      "projectName": "milton.farrell",
      "projectType": "os9zgv",
      "projectAddr": "0rwd2w",
      "creator": "14x75n",
      "longitude": 24.85,
      "latitude": 27.88,
      "altitude": 36.30,
      "lowestFloor": 851,
      "highestFloor": 63,
      "createdTime": "2023-01-12 15:15:57",
      "deleted": 913,
      "projectDesc": "0bmwqx",
      "version": 60,
      "organization": {
        "$ref": "..."
      },
      "robots": [
        {
          "$ref": "..."
        }
      ],
      "maps": [
        {
          "$ref": "..."
        }
      ]
    }
  ]
}
```

```
        }
      ],
      "users": [
        {
          "$ref": "...",
        }
      ]
    }
  ]
},
"createdTime": "2023-01-12 15:15:57",
"versionDesc": "bxcvrb"
}'
```

Response-fields:

Field	Type	Description	Since
code	int32	No comments found.	-
message	string	No comments found.	-
generalMessage	string	No comments found.	-
data	object	No comments found.	-

Response-example:

```
{
  "code": 189,
  "message": "success",
  "generalMessage": "success",
  "data": {
    "waring": "You may have used non-display generics."
  }
}
```