



Select a definition

v631

Web.API v631 OAS3

https://cube.tobit.cloud/pudu-api/v2/_docs/v631/swagger.json

This is an *example* documentation. It can be used to add further information about your api to the swagger docs.

Basic `markdown` is supported at this point. Some things are not supported like syntax-highlighting:

```
await Console.Out.WriteLineAsync("Hello world!");
```

Websockets

Service Name: `chayns_bot_control`

Conditions

```
{
  IsProduction = bool,
  RobotId = string
}
```

Supported Websocket Events

- service_device_status_change
- notify_robot_order_state
- notify_go_state
- query_state
- notify_delivery_task
- notify_robot_power
- notify_robot_move_state
- notify_robot_pose
- notify_qr_code_content
- sync_maps
- sync_activities
- chayns_delivery_status

Service Name: `chayns_launcher_overlay`

Conditions

```
{
  IsProduction = bool,
  RobotId = string
}
```

Supported Websocket Events

- remote_action
- notify_robot_power

WebSocket Events

- ▶ service_device_status_change
- ▶ notify_robot_order_state
- ▶ notify_go_state
- ▶ query_state
- ▶ notify_delivery_task
- ▶ notify_robot_power
- ▶ notify_robot_move_state
- ▶ notify_robot_pose
- ▶ notify_qr_code_content
- ▶ sync_maps
- ▶ sync_activities
- ▶ chayns_delivery_status
- ▶ remote_action

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Automation



POST

/pudu-api/v2/Automation/mqtt-topic-update

Update the mqtt status of an automation device



ChaynsLauncher



POST

/pudu-api/v2/ChaynsLauncher/{robotId}

Send action to robot chayns-launcher overlay



Destination



GET

/pudu-api/v2/Destination Get all destinations



GET	/pudu-api/v2/Destination/{customType}	Get all destinations for the given custom_type	✓	
GET	/pudu-api/v2/Destination/target-destinations	Get all destinations with the custom_type "target-destination"	✓	
GET	/pudu-api/v2/Destination/target-destinations/{mapId}	Get all destinations for given map with the custom_type "target-destination"	✓	
GET	/pudu-api/v2/Destination/dining-outlet-destinations	Get all destinations with the custom_type "dining-outlet-destination"	✓	
GET	/pudu-api/v2/Destination/dining-outlet-destinations/{mapId}	Get all destinations for given map with the custom_type "dining-outlet-destination"	✓	
GET	/pudu-api/v2/Destination/target-destinations/reachable/{mapId}	Get destinations with the custom_type "target-destination", that are reachable from the map	✓	
PATCH	/pudu-api/v2/Destination/custom-type	Update the custom type the given destination; Allowed custom types are: "target-destination", "intermediate-destination", "dining-outlet-destination", "charging-station", "open-door", "close-door", "elevator", "in-front-of-elevator", "behind-elevator";	✓	
PATCH	/pudu-api/v2/Destination/person-id	Update the personId of the given destination	✓	
PATCH	/pudu-api/v2/Destination/preposition	Update the preposition of the given destination	✓	
PATCH	/pudu-api/v2/Destination/chayns-codes-url	Update the chayns code url of the given destination	✓	
PATCH	/pudu-api/v2/Destination/room-id	Update the room id of the given destination	✓	
PATCH	/pudu-api/v2/Destination/automation-device	Create or update the automation device of the given destination	✓	
PATCH	/pudu-api/v2/Destination/intermediate-destinations	Create or update the intermediate destinations of the given destination	✓	
DELETE	/pudu-api/v2/Destination/automation-device/{destinationId}	Delete the automation device of the given destination	✓	
DELETE	/pudu-api/v2/Destination/{id}	Delete the destination with the given id	✓	

Device



GET	/pudu-api/v2/Device	Get devices with robotGroups and robots	✓	
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Map

GET	/pudu-api/v2/Map/name/{name}	Get map by its name	✓	
GET	/pudu-api/v2/Map	Get all maps	✓	
GET	/pudu-api/v2/Map/{robotId}	Get all maps for the given robot	✓	
POST	/pudu-api/v2/Map/{robotId}	Create a map	✓	
PATCH	/pudu-api/v2/Map/{mapId}	Update a map	✓	
DELETE	/pudu-api/v2/Map/{mapId}	Delete a map	✓	

MapConnector

GET	/pudu-api/v2/MapConnector	Get all map connectors; If filterDoubles is true, only one of the two map-connectors for the same connection will be returned;	✓	
POST	/pudu-api/v2/MapConnector	Create a new map connector	✓	
DELETE	/pudu-api/v2/MapConnector	Delete a map connector	✓	

Robot

GET	/pudu-api/v2/Robot/{robotId}/pudu-data	Get robot-status, current map data and maps of robot	✓	
GET	/pudu-api/v2/Robot/{robotId}/pudu-map-data	Get current map data of the robot from pudu api	✓	
GET	/pudu-api/v2/Robot/{robotId}/pudu-status	Get status of the robot from pudu api	✓	
POST	/pudu-api/v2/Robot/available	Get all robots, that can reach the given destinations	✓	
POST	/pudu-api/v2/Robot/{robotId}/delivery/dining_outlet	Sends the robot to the given dining outlet	✓	
POST	/pudu-api/v2/Robot/{robotId}/delivery/dining_outlet/{destinationId}	Sends the robot to the given dining outlet	✓	

POST	/pudu-api/v2/Robot/{robotId}/delivery /call/{destinationId}	Sends the robot to the given destination; Maps all points in between; driveMode can be "delivery", "pickup" or "dining_outlet". The default driveMode is "delivery"	
POST	/pudu-api/v2/Robot/{robotId}/delivery /finish/{destinationId}	Completes sending the robot to the given destination. Sends robot after completion to given destination.	
POST	/pudu-api/v2/Robot/{robotId}/delivery /finish/{destinationType}	Completes sending the robot to the given destination; Sends robot after completion to a destination with the given type; The destinationType can be "dining-outlet-destination", "charging-station", "dining_outlet" (legacy) or "charging_pile" (legacy)	
POST	/pudu-api/v2/Robot/{robotId}/call	Sends the robot to the given destinations; Maps all points in between; driveMode can be "delivery", "pickup" or "dining_outlet". The default driveMode is "delivery"	
POST	/pudu-api/v2/Robot/{robotId}/call/next	Sends the robot to the next destination on its route	
POST	/pudu-api/v2/Robot/{robotId}/charge	Cancels all deliveries and sends the robot to its charging station	
POST	/pudu-api/v2/Robot/{robotId}/cancel	Cancels all deliveries	

RobotStatus

GET	/pudu-api/v2/RobotStatus/{robotId}	Get the status of the robot	
DELETE	/pudu-api/v2/RobotStatus/{robotId}	Delete a robot	
GET	/pudu-api/v2/RobotStatus	Get all robot-status	
POST	/pudu-api/v2/RobotStatus	Create a new robot status	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/name	Update the name of the robot	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/type	Update the type of the robot	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/home-base-map	Update the home base map of the robot	

PATCH	/pudu-api/v2/RobotStatus/{robotId}/dining-outlet	Update the dining outlet of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/charging-station	Update the charging station of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/low-battery-threshold	Update the low battery threshold of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/workingMode	Update working mode of robot 1 = Fuzzy, 2 = Delivery, 3 = Facility, 4 = Courier	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/speed	Update the speed of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/calling-code	Update the calling code of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/reboot-time	Update the reboot-time of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/map/{mapId}	Change the current map of the robot	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/maps	Synchronise the robot-map-notifications from chayns-launcher	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/activities	Synchronise the robot-activity-notifications from chayns-launcher	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/app-error-status	Synchronise the robot-app-error-notifications from chayns-launcher	✓	
PATCH	/pudu-api/v2/RobotStatus/{robotId}/destinations	Synchronise the destinations of the current map of the robot with the destinations of the pudu api	✓	

Route



GET	/pudu-api/v2/Route/{personId}	Get all routes for the given personId	✓	
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Server



POST	/pudu-api/v2/Server/Update	Update data notification from Pudu Cloud	✓	
POST	/pudu-api/v2/Server/notify	Change URL which relives notifications from Pudu Cloud	✓	

Schemas



AutomationDevice

AvailableRobot

CallingCode

ChaynsLauncherRemoteAction

ChaynsUserResponse

CreateMap

CreateMapConnector

CreateOrUpdateChaynsUser

CreateRobotStatus

DeleteMapConnector

Destination

Destination2IntermediateDestinationDto

DestinationResponse

DestinationResponseWithMapData

DestinationWithText

DeviceResponse

DevicesData

Element

GetRobotStatusResponse

IntermediateDestination

JToken

Map

MapConnectorWithMapId

MapResponse

MicroserviceStatusCode

MqttTopicUpdate

RequestResponse`1

RobotData

RobotGroup

RobotGroupResponse

RobotMap

RobotPose

RobotStatusResponse

RobotType

RouteDestinationResponse

RouteDestinationSummary

RouteResponseWithDestinations

RouteSummary

SuccessResponse

SuccessResponseRequestResponse

SyncAppErrorHandler

SyncMap

SyncRobotActivity

SyncRobotMapsResponse

T

UpdateAutomationDevice

UpdateCallingCodeBody

UpdateChargingStationBody

UpdateDestinationChaynsCodesUrl

UpdateDestinationCustomType

UpdateDestinationPersonId

UpdateDestinationPreposition

UpdateDestinationRoomId

UpdateDiningOutletBody

UpdateHomeBaseMapBody

UpdateIntermediateDestinations

UpdateLowBatteryThresholdBody

UpdateMapBody

UpdateNotificationAddress

UpdateRebootTimeBody

UpdateRequest

UpdateRobotNameBody

UpdateRobotSpeedBody

UpdateRobotTypeBody

UpdateWorkingModeBody

WebsocketAction

WorkingMode