

it's all about

Xperience

Occupation API Guide

Occupation API Guide

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1 General

1.1 Business Information

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1.2 Document information

1.2.1 Version

Version	Date	Author	Changes
1	06/17/2025	JSC	Document created

2 Introduction

It is possible to retrieve data from a few counters from ParkBase via the Occupation API.
It's possible to retrieve counter values. It isn't possible to change this date to the Occupation API.

An example of and view that can be retrieved is for example from facility occupation:

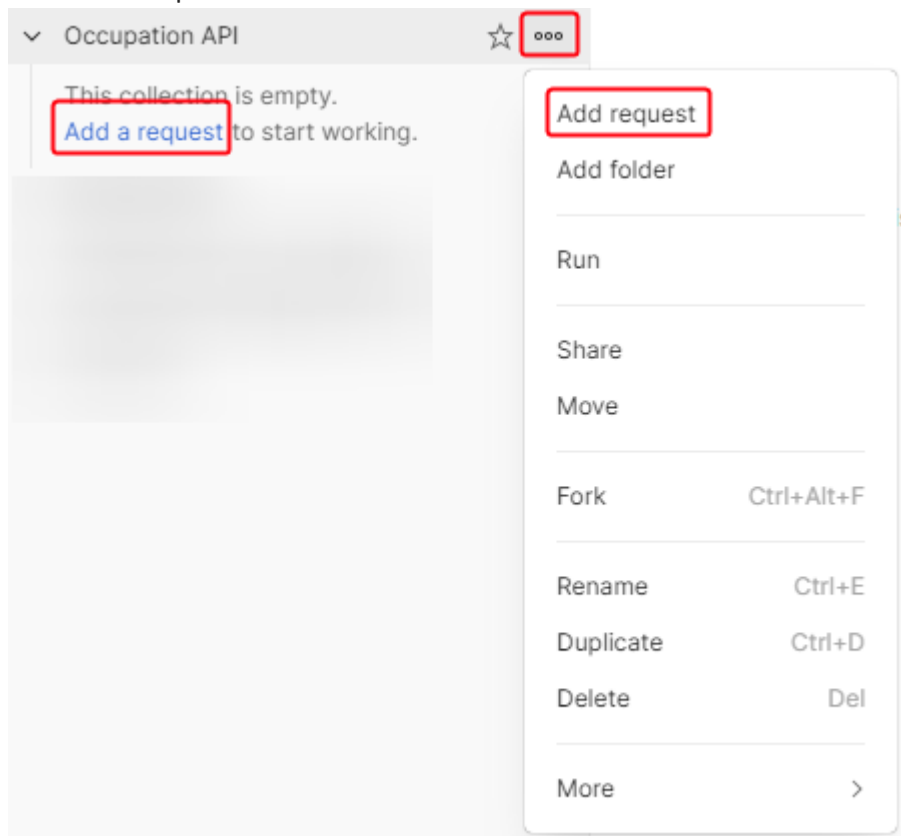
```
{
  "id": 8,
  "totalOccupation": 0,
  "subscriberOccupation": 0,
  "transientOccupation": 0,
  "customOccupation": 0
}
```

3 Retrieve data

You can test data retrieval by using Postman. Managing warehouse data will require the development of a custom application tailored to your specific requirements. Perform the next steps:

- Download Postman (if you haven't already). <https://www.postman.com/downloads/>
- Open Postman.
- Create a new collection and call this "Occupation API" or something similar.

- Add a new request



- Change “GET” to “POST” and fill in the URL of the Identity Server with “/connect/token” after the URL:

HTTP Occupation API / New Request

POST

- Go to the tab “Body”, choose “x-www-form-urlencoded” and fill in the keys and credentials as below:

Params Authorization Headers (8) **Body** Scripts Settings

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key	Value
☒	client_id	
☒	client_secret	
☒	grant_type	client_credentials
☒	response_type	id_token
☒	Scope	ParkBaseApi
	Key	Value

Client ID and Client Secret can be retrieved from GUI9.



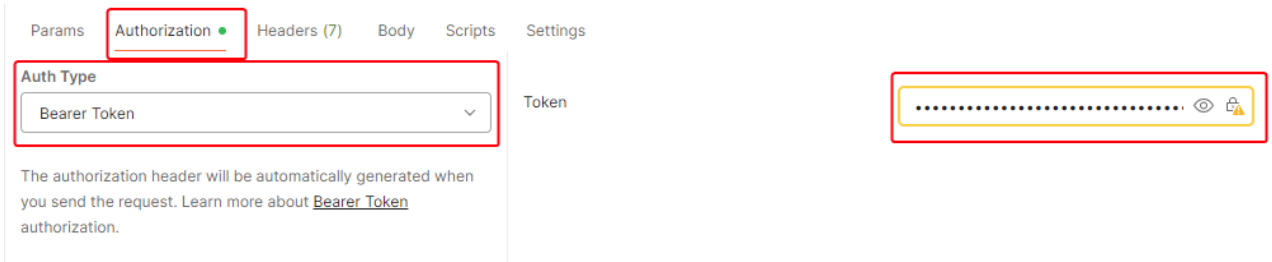
- After the parameters are filled in, push on the blue “Send” button. You will retrieve the JWT-token:



- Copy this token, which is expiring in 3600 seconds to retrieve the date of occupation API.
- Don't forget to save the request before you go further to create new request.
- Create a new request as done before.
- Now it's need to be a "GET" request method and in case you need to retrieve data what facilities are configured, you set `"/api/v1.0/facilities"` behind the API url:



- Go to Authorization and change “Auth type” to “Bearer token” and fill in the JWT-token retrieved earlier before:



- You will retrieve the facilities by ID and name, like screenshot:



- From now on, you can query other data like occupation of a facility

- If you want to retrieve the occupation of “P1”, you can see in the screenshot that this facility has id “8”. Create an new “GET”-request with API URL and “/api/v1.0/facilities/8/occupation” after it’s URL:

 Occupation API / Facility occupation

GET
▼
https://api-integration.ipcontrol.online/api/v1.0/facilities/8/occupation

- Go to authorization and choose “Bearer token” and fill in the token retrieved earlier:

Params
Authorization
Headers (7)
Body
Scripts
Settings

Auth Type
Bearer Token

Token
.....

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

- Push on the “Send”-button and you will retrieve the next response for example:

Body
Cookies
Headers (13)
Test Results

JSON
Preview
Visualize

```

1  {
2      "id": 8,
3      "totalOccupation": 0,
4      "subscriberOccupation": 0,
5      "transientOccupation": 0,
6      "customOccupation": 0
7  }

```

- Now you’ll have information about the occupation of facility “P1”. You can create another requests if needed with information of the manual.