

29/04/2025

# Fost Plus – MyFost Partner API

## Getting started tutorial

# Swagger Documentation

# API Migration from basic auth to client authentication

We will soon deprecate our initial API (<https://myfostapi.fostacc.be/Swagger>) and therefore urge you to migrate your applications to our new API (<https://myfostpartnerapi.fostacc.be/swagger/index.html?urls.primaryName=V3.0>)

With this change, we've upgraded our authentication method for enhanced security and scalability. The main difference, beside the URL change, is the way we authenticate at the API.

MyFostApi uses **Basic Authentication (username – password)**

MyFostPartnerApi is secured with **Client Authentication using OpenID Connect (Client ID – Client Secret)**

This requires some actions in your integration. For continued access you will need to update your integration so it will use the new authentication flow and endpoint.

In the chapter 'How to connect to the API?' we explain the necessary steps to connect to the new API

# API Environments Overview

Our API services are available in two distinct environments: **Test and Learning (fostacc.be)** and **Production (fostplus.be)**. These environments are designed to provide you with flexibility during development and when deploying live applications. Below is an overview of each environment and how they differ.

- **Test and Learning Environment**

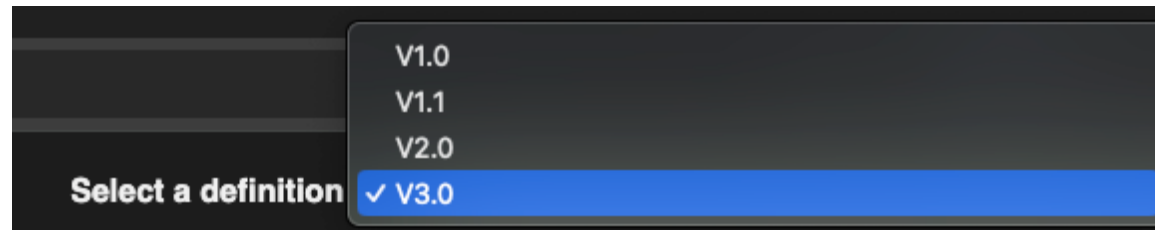
- **URL:** <https://myfostpartnerapi.fostacc.be/swagger/index.html?urls.primaryName=V2.0>
- This environment is intended for development, testing, and training purposes.
- It allows you to experiment with API functionality without affecting live data or services.
- ***Important:** This environment uses a separate identity provider, so you will need to request and manage different accounts specifically for this environment.*

- **Production Environment**

- **URL:** <https://myfostpartnerapi.fostplus.be/swagger/index.html?urls.primaryName=V2.0>
- This environment is used for live, real-time operations where your application interacts with actual data and services.
- Changes made in this environment directly affect end-users, so it's important to ensure your integration is thoroughly tested in the Test and Learning environment before deploying here.
- ***Important:** The Production environment also has a separate identity provider. You must create and manage a different set of accounts for this environment as well.*

# API Versioning

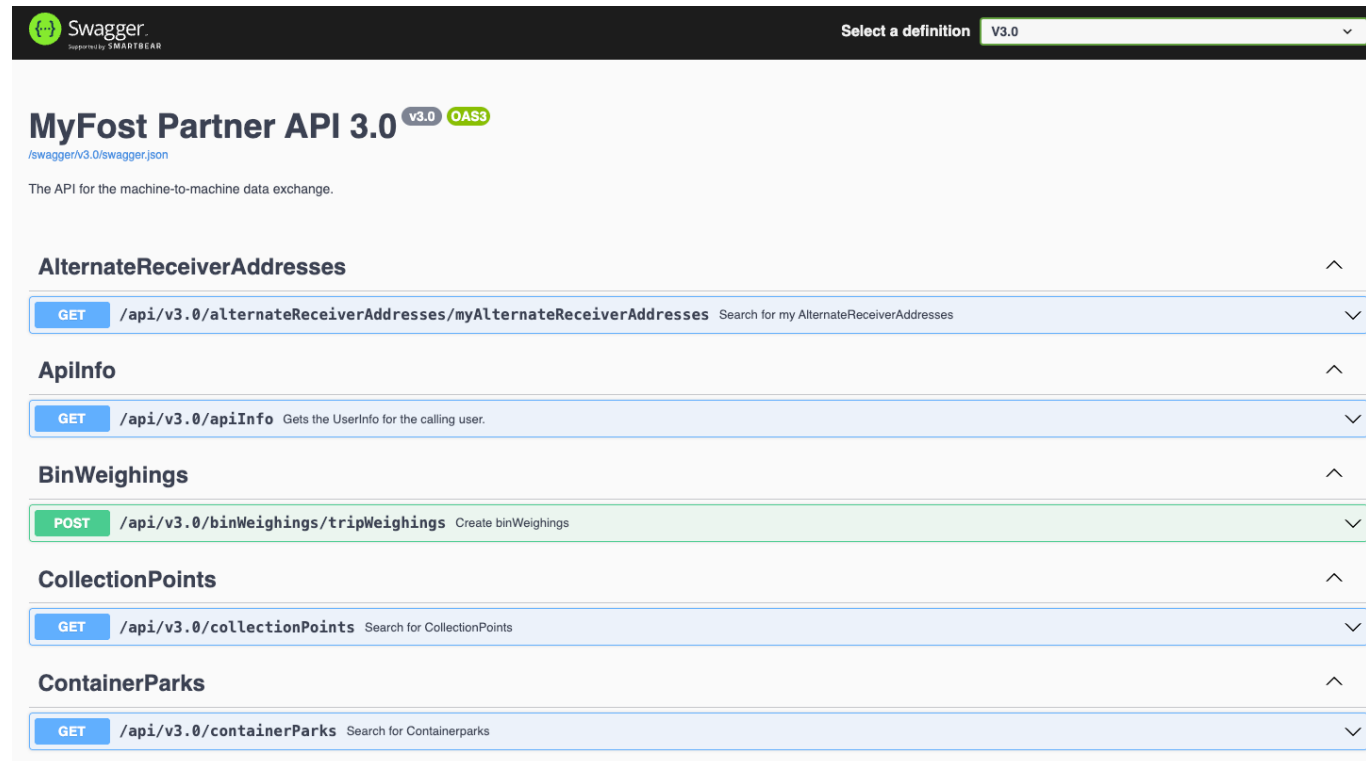
We offer multiple versions of our API to support ongoing improvements and new features. **New users are strongly encouraged to use the latest version of the API** to take advantage of the most up-to-date functionality, security enhancements, and performance improvements. While older versions are maintained for backward compatibility, they may not include the latest features or optimizations.



# Swagger documentation

- The Swagger documentation offers a detailed reference for the MyFost API, covering all available objects, attributes, methods, and parameters.

<https://myfostpartnerapi.fostplus.be/swagger/index.html?urls.primaryName=V3.0>



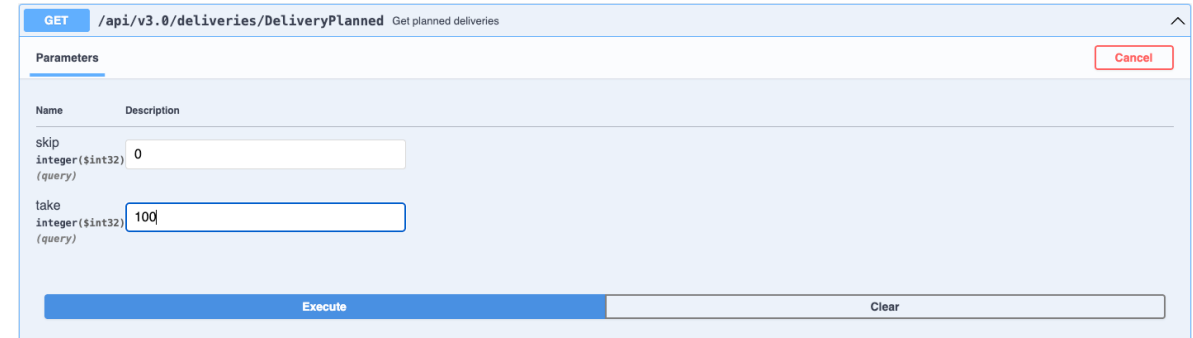
The screenshot displays the Swagger UI for the MyFost Partner API 3.0. At the top, there is a Swagger logo and a dropdown menu for selecting a definition, currently set to V3.0. Below the header, the API title "MyFost Partner API 3.0" is shown with "v3.0" and "OAS3" tags. A description states "The API for the machine-to-machine data exchange." The main content area lists several API endpoints, each with a method, path, and description:

- AlternateReceiverAddresses**: GET /api/v3.0/alternateReceiverAddresses/myAlternateReceiverAddresses Search for my AlternateReceiverAddresses
- ApiInfo**: GET /api/v3.0/apiInfo Gets the UserInfo for the calling user.
- BinWeighings**: POST /api/v3.0/binWeighings/tripWeighings Create binWeighings
- CollectionPoints**: GET /api/v3.0/collectionPoints Search for CollectionPoints
- ContainerParks**: GET /api/v3.0/containerParks Search for Containerparks



# Swagger documentation

- You can test the API by using
  - the Swagger user interface to fill in parameters and clicking the “Execute” button.
  - postman or a similar tool to send requests
  - code to execute requests



GET /api/v3.0/deliveries/DeliveryPlanned Get planned deliveries

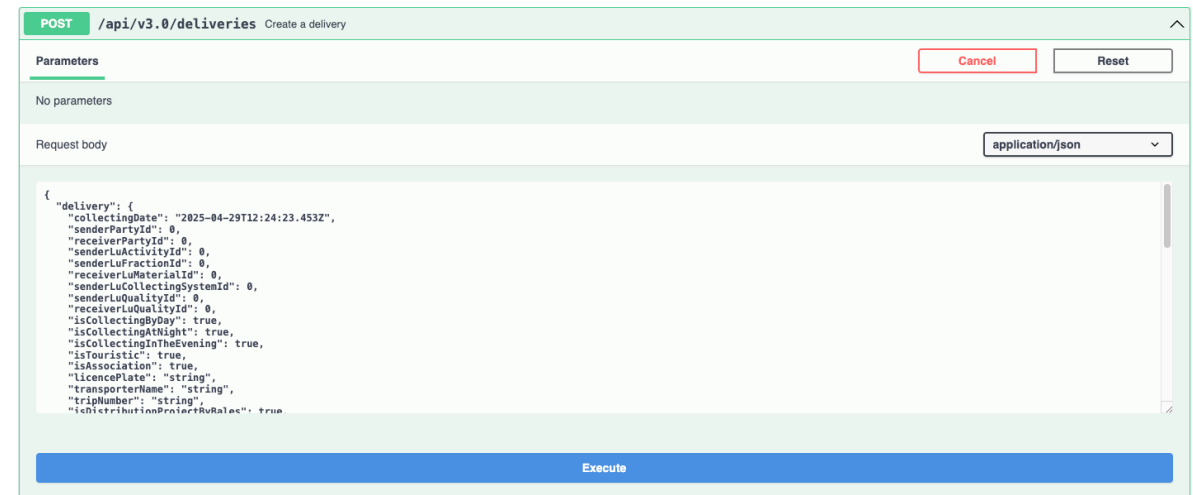
Parameters Cancel

Name	Description
skip	integer (sint32) (query)
take	integer (sint32) (query)

skip: 0

take: 100

Execute Clear



POST /api/v3.0/deliveries Create a delivery

Parameters Cancel Reset

No parameters

Request body application/json

```
{
  "delivery": {
    "collectingDate": "2025-04-29T12:24:23.453Z",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "senderLuActivityId": 0,
    "senderLuFractionId": 0,
    "receiverLuMaterialId": 0,
    "senderLuCollectingSystemId": 0,
    "senderLuQualityId": 0,
    "receiverLuQualityId": 0,
    "isCollectingByDay": true,
    "isCollectingAtNight": true,
    "isCollectingInTheEvening": true,
    "isTouristic": true,
    "isAssociation": true,
    "licencePlate": "string",
    "transporterName": "string",
    "tripNumber": "string",
    "isDistributionProcedureBalac": true
  }
}
```

Execute



# How to connect to the API?

Client Authentication

# How to connect to the API?

- We use **Client Authentication** to securely connect to our API via our identity provider
  - **Confidential applications** (clients) authenticate using their **Client ID** and **Client Secret** at the **token endpoint**
  - Upon successful authentication, they receive an **access token**
  - This token must be included in **every request** made to our API
  - Our API then **validates the token** to ensure the request comes from a trusted client
- This process ensures secure, authenticated communication between your application and our API

# How to connect to the API?

- Step-by-Step overview
  1. **Create your API credentials**  
in MyFost, generate a **Client ID** and **Client Secret** for your API user
  2. **Request an access token**  
use the **Client ID** and **Client Secret** to request an access token from the token endpoint
  3. **Authenticate API requests**  
Include the **access token** in the **HTTP Authentication header** of each API request

# Step 1: Create your API credentials

- Create ClientId and ClientSecret in the User Detail page of MyFost by clicking “Create API client”

The screenshot shows the 'MyFost' user management interface. At the top right, there is a user profile for 'Mathijs Driesen' with a 'Logout' button and language options (NL, FR, EN, VERTAAL). A 'Users' button is visible in the top right corner. The main content area is titled 'User' and displays details for a user named 'Acc test Fost'. The form includes fields for 'User name', 'E-mail' (myfost@fostplus.be), 'Salutation' (Mrs), 'Active' (checked), 'First name' (ACC TEST Fost), 'Language' (Dutch), and 'Last name' (Plus). There are 'Save' and 'Back' buttons at the bottom of the form. Below the user details is an 'Access to' section with a blue information box: 'First, enter below to which data the user should have access. By clicking on the partner/member you can then manage the rights of the user. Do this for each added partner/member. Afterwards, click on 'send password email'. The user will receive an e-mail with an activation link. The access and rights can be changed if desired.' Below this is a table with columns 'Partner / Member' and 'Type'. The table contains two entries: 'Test Lid Fost Plus' (Member) and 'Test Partner Fost Plus' (Partner). Below the table is an 'Application roles' section with a table for 'Name' and 'Description'. At the bottom, there is an 'API client' section with a blue information box: 'Below you can create a clientId/clientSecret to access the MyFostAPI. When the clientId has been created, the clientSecret can be generated. Both clientId and clientSecret can be copied.' A red arrow points to a '+ Create API client' button.

**User**

User name: Acc test Fost

E-mail: myfost@fostplus.be

Salutation: Mrs

Active:

Activated on:

First name: ACC TEST Fost

Language: Dutch

Last name: Plus

Archived:

[Save](#) [Back](#)

**Access to**

First, enter below to which data the user should have access. By clicking on the partner/member you can then manage the rights of the user. Do this for each added partner/member. Afterwards, click on 'send password email'. The user will receive an e-mail with an activation link. The access and rights can be changed if desired.

Partner / Member	Type	
<a href="#">Test Lid Fost Plus</a>	Member	<a href="#">+</a>
<a href="#">Test Partner Fost Plus</a>	Partner	<a href="#">+</a>

**Application roles**

Name	Description	
------	-------------	--

**API client**

Below you can create a clientId/clientSecret to access the MyFostAPI. When the clientId has been created, the clientSecret can be generated. Both clientId and clientSecret can be copied.

[+ Create API client](#)



## Step 2: Request an access token

- When requesting an access token, make sure to use the following parameters
  - Client ID (see Step1)
  - Client Secret (see Step 1)
  - Token Endpoint URL
    - <https://auth.fostacc.be/oauth2/default/v1/token> (Testing and learning)
    - <https://auth.fostplus.be/oauth2/default/v1/token> (Production)
  - Scope: myfostapi olympus-olympusapi
  - Well-known Endpoint URL
    - <https://auth.fostacc.be/oauth2/default/.well-known/openid-configuration> (Testing and learning)
    - <https://auth.fostplus.be/oauth2/default/.well-known/openid-configuration> (Production)

## Step 3: Authenticate API requests

- Once you have an access token, include it in the **Authorization header** of each API request using the **Bearer** scheme. It tells the API who you are and allows access based on your token's scopes and permissions.

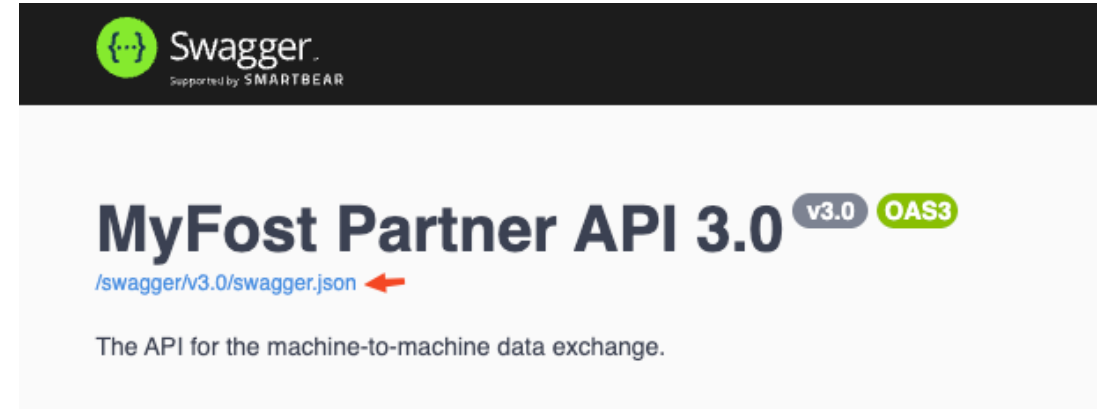
```
▼ GET https://myfostpartnerapi.fostacc.be/api/v3.0/weighingTickets?id=[redacted]
  ▸ Network
  ▼ Request Headers 
    Authorization: "Bearer eyJraWQiOiJwSjFaV09lcWV4X0lySFJwU2tVdTBuOFpBZ3kxR3Q2M2V0TmhuTXNjd1FzIiwiaWF0Ij0iYjZlZjE0jEsImp0aSI6IkkFULmFu0Vc3b1BRbEFYSUJ0Z2NqWVdrY1Bmd3V4ZUR4UUtKTXdYwduTnNycXciLCJpc3Mi
    [redacted]
    [redacted]
    [redacted]
    User-Agent: "PostmanRuntime/7.43.3"
    Accept: "*/*"
    Postman-Token: "2fa72f9a-06c1-4b52-ab63-b2f0062b2fe4"
    Host: "myfostpartnerapi.fostacc.be"
```

# OPEN API Specification



# OPEN API Specification

- The **MyFost API** is a web-based **REST API**, described using the Open API Specification (OAS). OAS provides a standardized, language-independent way to describe RESTful APIs, making integration easier across different platforms.
- You can download the **OpenAPI Document** directly from the **MyFost Partner API Explorer** – just look for the download link in the **top-left corner** of the page.



## Testing and learning

<https://myfostpartnerapi.fostacc.be/swagger/v2.0/swagger.json>

<https://myfostpartnerapi.fostacc.be/swagger/v3.0/swagger.json>

## Production

<https://myfostpartnerapi.fostplus.be/swagger/v2.0/swagger.json>

<https://myfostpartnerapi.fostplus.be/swagger/v3.0/swagger.json>

# Concepts

MyFost Objects

# Concepts – ID's

- “**Object Id**”: Every MyFost Object that can be created, updated or listed through the API has an id field that is used to refer to the object in other API calls.

```
{
  "weighingTicket": {
    "id": "string",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    ...
  }
}
```

# Concepts – Foreign Keys

- **“Foreign Key Id”**: when a MyFost Object references another MyFost Object, the attribute name ends with “Id”. This is a reference to another MyFost Object.

```
{
  "weighingTicket": {
    "id": "string",
    "luWeighingTicketStatusId": 0,
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    ...
  }
}
```

```
{
  "partners": [
    {
      "id": 2222,
      "partyNumber": "P00028",
      "name": "PartnerName",
      "shortName": "PartnName"
    }
  ]
}
```

## Concepts – Lookup Objects

- “**Lookup Objects**”: Some MyFost Objects refer to other MyFost Objects. For example, a “**weighingTicket**” refers to a type of **Fraction** (PMD, glass, paper-cardboard).

These reference lists are called Lookup Objects and are always prefixed with the letters lu (referring to **lookup**). The MyFost objects for a Fraction is **luFractionId**. The attribute from weighingTicket referring to a Material is **luMaterialId**

```
"weighingTicket": {
  "id": "string",
  "luWeighingTicketStatusId": 0,
  "senderPartyId": 0,
  "receiverPartyId": 0,
  "isWeighingAtReceiverIn": true,
  "luFractionId": 1,
  "luMaterialId": 0,
  "transporterName": "string",
  ...
}

"luFractions": [
  {
    "id": 1,
    "code": "GLASS",
    "name": "Glass",
    "notValidBeforeDate": "1900-01-01T00:00:00",
    "notValidOnOrAfterDate": "9999-01-01T00:00:00"
  },
  ...
]
```

## Concepts – Finding ID's in MyFost

- When you want to create a delivery or weighing ticket, you need to supply some ID's associated with a specific material flow.
- For this reason, we supplied an overview of the material flows and their associated ID's in MyFost to use in the API requests.
- The overview can be found by clicking on “Parameters Material flows” in the API section of the dashboard of MyFost.
- See the next slides for an example on how to find and use the ID's in API requests.

# Concepts – Finding ID's in MyFost

## Planning

+ Delivery

Board deliveries and weighings  
Planned deliveries

## Weighing tickets

Open corrections weighing tickets  
Corrections to treat: 0  
Corrections sent: 0  
Overview weighing tickets

## Deliveries

Weighing tickets to couple: **960**  
Via board  
Deliveries to validate: 0  
Open corrections delivery  
Corrections to treat: **1**  
Corrections sent: 0  
Overview deliveries

Overview material flows

## Enrichment

To enrich: **3268**  
Individual weighings collectionpoints

## API

API settings material flows  
MyFost Partner API v1.1 (v1.0)

## Overzicht materiaalstromen

Datum 30.04.2025

Project

Fractie

### Papier-Karton

Remis (ANTWERPEN)	2126449	100%	100%
Remis (ANTWERPEN)	2126450	100%	100%
Remis (Belgium (NORDBRAKE))	2126451	100%	100%
Remis (Belgium (NORDBRAKE))	2126452	100%	100%
Remis (Belgium (NORDBRAKE))	2126453	100%	100%

### Materialflow

Papier-Cardboard

#### Delivery

enable auto-creation of delivery   
default ref. number

#### Sender

senderContractLineId 1278  
senderPartyId 21354 (MijnM)  
senderLuActivityId 4 (Collection)  
senderLuFractionId 3 (Paper-Cardboard)  
senderLuQualityId null  
senderLuCollectingSystemId 5 (Door to door Duo)  
isCollectingByDay true  
isCollectingInTheEvening false  
isCollectingAtNight false  
isTouristic false  
isAssociation false  
deliveryPostalCodes postalCodeId 1093 (Sint-Niklaas)

#### Receiver

receiverContractLineId 1276  
receiverPartyId 21497 (GRL GLASRECYCLING)  
receiverLuActivityId 12 (Purchase)  
receiverLuMaterialId 15 (Mixed Paper-Cardboard)  
receiverLuQualityId null

#### senderContractLineContainers

luContainerTypeId	containerVolume
1 (No recipient)	

# Concepts – Finding ID's in MyFost

## Weighingticket

### Sender

senderContractLineId	495	
senderPartyId	21826	(Paper-Cardboard)
luFractionId	3	(Paper-Cardboard)

### Receiver

receiverContractLineId	497	
receiverPartyId	22000	(Mixed Paper-Cardboard)
luMaterialId	15	(Mixed Paper-Cardboard)
isWeighingAtReceiverIn	true	

```
{  
  "weighingTicket": {  
    "id": "string",  
    "luWeighingTicketStatusId": 0,  
    "receiverPartyId": 0,  
    "senderPartyId": 0,  
    "isWeighingAtReceiverIn": true,  
    "luFractionId": 0,  
    "luMaterialId": 0,  
    "transporterName": "string",  
    ...  
  }  
}
```



# Concepts - Lists

- **Lists:** every API call that returns a list provides 2 parameters, "skip" and "take", to be able to page the result and returns an object containing an "array" and an attribute "totalCount" which contains the number of items returned in the array.

<https://myfostpartnerapi.fostacc.be/api/v3.0/countries?skip=0&take=100>

```
{
  "countries": [
    {
      "id": 314,
      "code": "AT",
      "name": "OOSTENRIJK"
    },
    {
      "id": 324,
      "code": "AU",
      "name": "AUSTRALIA"
    },
    {
      "id": 309,
      "code": "BE",
      "name": "BELGIE"
    },
    ...
    {
      "id": 335,
      "code": "ZA",
      "name": "ZUID AFRIKA"
    }
  ],
  "totalCount": 43
}
```

## Concepts - Other API calls and facts

- The call [/api/v3.0/luFractionLuMaterials](#) lists all possible combinations between fractions and materials.
- When posting an update (POST) request for an object, you must include the "rowVersion" attribute. This ensures data consistency and prevents conflicting updates. To obtain the correct rowVersion, you use the GET endpoint of the object to retrieve the latest version. The value must be included in the update request.

# Concepts – POST return values

- After posting a new object, the API returns the object with Id.
- If there is a problem with the posted object you'll receive a response (HTTP 400) and a message with one or more validation errors.

Responses

Code	Description
200	Success

Media type

Controls Accept header.

[Example Value](#) | [Schema](#)

```
{
  "weighingTicket": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "luWeighingTicketStatusId": 0,
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    "tripNumber": "string",
    "licencePlate": "string",
    "weighDateTime": "2024-04-09T13:32:18.998Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "netto": 0,
    "balesQuantity": 0,
    "remarks": "string",
    "isAutoCoupled": true,
    "rowVersion": "string"
  },
  "validationErrors": [
    {
      "code": "string",
      "message": "string",
      "propertyName": "string",
      "severity": 0
    }
  ]
}
```

# API: detailed instructions for specific calls

## Create or update a weighingTicket

- One of the key POST methods in the MyFost Partner API is used to submit weighingTickets
- In the following slides, we'll walk you through the details of the required data.

# WeighingTicket Request

Attribute	Type	Description
weighingTicket	Object	The weighingTicket (see next slide)
validateWeighingTicket	Boolean	validate the weighing ticket ? This makes the weighing ticket available for the other partner (senderPartyId/receiverPartyId depending on the weighingTicket attribute isWeighingAtReceiverIn) Yes = true, No = false Every night all weighingTickets are auto validated.

# The weighingTicket object

Attribute	Type	Description
senderPartyId	Number	The partner/party id of the sender you can find these in the list <a href="/api/v3.0/parties/myPartners">/api/v3.0/parties/myPartners</a>
receiverPartyId	Number	The partner/party id of the receiver you can find these in the list <a href="/api/v3.0/parties/myPartners">/api/v3.0/parties/myPartners</a>
isWeighingAtReceiverIn	Boolean	Is the freight weighed in or out ? In = true, Out = false
luFractionId	Number	The fraction Id from the lookup list <a href="/api/v3.0/luFractions">/api/v3.0/luFractions</a>
luMaterialId	Number	The material Id from the lookup list <a href="/api/v3.0/luMaterials">/api/v3.0/luMaterials</a>
luQualityId	Number	The quality Id from the lookup list <a href="/api/v3.0/luQualities">/api/v3.0/luQualities</a>
transporterName	String	Optional name of the transporter, empty string if not available
city	String	Optional name of the city or cities where the freight was collected, empty string if not available
weighingTicketNumber	String	A unique reference to the weighbridge weighing
tripNumber	String	Optional unique reference for a delivery, usually used by the sender to connect the weighingTicket to a planned delivery, empty string if not available
licencePlate	String	Licence plate number of the weighed truck
weighDateTime	DateTime	Date and time of the weighing (first weighing) formatted as <i>2017-10-29T09:55:34</i>
firstWeighing	Number	Weight of the first weighing in kilograms
secondWeighing	Number	Weight of the second weighing in kilograms
balesQuantity	Number	Optional amount of bales
remarks	String	Optional remarks, empty string if not available
rowVersion	String	Required for updates

## Create a delivery

- Another key POST methods in the MyFost Partner API is used to submit deliveries
- In the following slides, we'll walk you through the details of the required data.



# Delivery Request

Attribute	Type	Description
delivery	Object	The delivery (see next slide)

# The delivery object

Attribute	Type	Description
collectingDate	DateTime	Provide the collecting Date formatted as 2017-10-29 or 2017-10-29T09:55:34
senderPartyId	Number	The partner/party id of the sender. You can find these in the list <a href="/api/v3.0/parties/myPartners">/api/v3.0/parties/myPartners</a>
receiverPartyId	Number	The partner/party id of the receiver. You can find these in the list <a href="/api/v3.0/parties/myPartners">/api/v3.0/parties/myPartners</a>
senderLuActivityId	Number	The activity Id of the sender (lookup list <a href="/api/v3.0/luActivities">/api/v3.0/luActivities</a> )
senderLuFractionId	Number	The fraction Id of the sender (lookup list <a href="/api/v3.0/luFractions">/api/v3.0/luFractions</a> )
receiverLuMaterialId	Number	The material Id of the receiver (lookup list <a href="/api/v3.0/luMaterials">/api/v3.0/luMaterials</a> )
senderLuCollectingSystemId	Number	The collectingsystem Id of the sender (lookup list <a href="/api/v3.0/luCollectingSystems">/api/v3.0/luCollectingSystems</a> )
senderLuQualityId	Number	The quality Id of the sender (lookup list <a href="/api/v3.0/luQualities">/api/v3.0/luQualities</a> )
receiverLuQualityId	Number	The quality Id of the receiver (lookup list <a href="/api/v3.0/luQualities">/api/v3.0/luQualities</a> )
IsCollectingByDay, IsCollectingAtNight and IsCollectingIntheEvening	Boolean	Time indication of collection (only 1 true)
isTouristic	Boolean	Is the collection touristic?
isAssociation	Boolean	Is the freight collected by an association?
licencePlate	String	Licence plate number of the weighed truck
transporterName	String	Optional name of the transporter, empty string if not available
tripNumber	String	Optional unique reference for a weighingTicket , empty string if not available
isDistributionProjectByBales	Boolean	Is the distribution done in bales?
deliveryPostalCodes	Array of objects	The postal codes of the delivery (see next slides)
senderContractLineContainers	Array of objects	The containers of the sender (see next slides)
deliveryDistributions	Array of objects	Provide the distributions on postal codes or collectionpoints (see next slides)
deliveryDistributionBinWeighings	Array of objects	Provide the glassbinweighings and create distributions for it. Cannot be used in combination with deliveryDistributions. (see next slides)
deliveryProjects	Array of objects	The projects of the delivery (see next slides)
weighingTicket	Object	Optional weighingTicket if you want to create and connect them together (see previous slides)
senderTag	String	The senderTag of the delivery

# The deliveryProject object

Attribute	Type	Description
projectId	Number	Id of the project you can find these in the list <a href="/api/v3.0/project/myProjects">/api/v3.0/project/myProjects</a>
nettoPercentage	Number	Percentage of the netto weight of the freight
balesQuantity	Number	Amount of bales

# The deliveryPostalCode object

Attribute	Type	Description
postalCodeId	Number	Id of the postalCode you can find these in the list <a href="/api/v3.0/postalCodes">/api/v3.0/postalCodes</a>

# The deliveryDistribution object

Attribute	Type	Description
postalCodeId	Number	Id of the postalCode you can find these in the list <a href="/api/v3.0/postalCodes">/api/v3.0/postalCodes</a>
collectionPointId	Number	Id of the collectionPoint
nettoPercentage	Number	Percentage of the netto weight of the freight

# The contractLineContainer object

Attribute	Type	Description
luContainerTypeld	Number	The cotainertype Id of the container (lookup list <a href="/api/v3.0/luContainerTypes">/api/v3.0/luContainerTypes</a> )
containerVolume	Number	Volume of the container

# The deliveryDistributionBinWeighing object

Attribute	Type	Description
binId	Number	ID of the glass bin (Get from <a href="/api/v3.0/glassBins/myGlassBins">/api/v3.0/glassBins/myGlassBins</a> )
nettoWeight	Number	The netto weight of the glass bin weighing
collectionPointId	Number	The id of the collection point

## Create a bin weighing

- Another key POST methods in the MyFost Partner API is used to submit a Bin Weighing
- In the following slides, we'll walk you through the details of the required data.

# Bin weighing request

Attribute	Type	Description
tripWeighings	Object	The bin weighings for a certain trip (see next slide)

# The tripWeighings object

Attribute	Type	Description
partyId	Number	The ID of the partner (get from <a href="/api/v3.0/parties/myPartners">/api/v3.0/parties/myPartners</a> )
luFractionId	Number	The fraction Id (lookup list <a href="/api/v3.0/luFractions">/api/v3.0/luFractions</a> )
tripNumber	String	The trip number
collectionDate	DateTime	Provide the collecting Date formatted as 2017-10-29 or 2017-10-29T09:55:34
binWeighings	Array of objects	The individual bin weighings (see next slide)

# The binWeighing object

Attribute	Type	Description
collectionPointId	Number	The ID of the collection point
binId	Number	The ID of the bin (get from <a href="/api/v3.0/glassBins/myGlassBins">/api/v3.0/glassBins/myGlassBins</a> )
luMaterialId	Number	The ID of the material (lookup list <a href="/api/v3.0/luMaterials">/api/v3.0/luMaterials</a> )
nettoWeight	Number	The netto weight of the weighing