

API v2 documentation



Versions

Version	Date	Author	Description
1.0	03-Jan-2019	PromoFarma Engineering	Initial version
1.1	13-Aug-2022	PromoFarma Engineering	Rate limit + document reformat

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Introduction

Glossary

- **Client** - Client application.
- **Server** - The PromoFarma API server.
- **Status** - HTTP status code of response.

Purpose

The purpose of this API documentation is to ease integrations with the PromoFarma API. The API operates with the purpose of enabling automation for back office related actions. As an example of these actions:

- List orders.
- Get an order and its details.
- Request an order pickup.
- Request an order shipping label.
- Request an order waybill

Security

apikey

`apikey` must be sent with all client requests. The `apikey` is always sent as an HTTP header and helps the server to validate the request source. For the moment being, you should ask your contact at PromoFarma to generate your `apikey`.

Rate limit

The requests against the server are rate limited globally. The current rate limit quota is **10 requests per second**.

i Please use this API wisely, trying to do **not** request multiple resources at one -e.g: parallelizing. Instead, request the resources sequentially one by one and try to take a time -e.g: 2 seconds- between each one if you consider it necessary.

It is also recommended to do **not** request a resource multiple times in a short time: an order which haven't changed at 10am won't have probably changed at 10.15am.

API definition

Base URL

The base url to access the API is apiv2.promofarma.com.

Schema

Only HTTPS schema is allowed.

Conventions

- All responses are in JSON format.
- All responses are listed under the *Responses* column for each method and only one of them is issued per request server.
- All request parameters are mandatory unless explicitly marked as [optional]. The type of values accepted for a request parameter are shown in the values column like this [**10** | <any number>]. The | symbol means *OR*. If the parameter is [optional], the default value is shown in bold text -p.e: **10** would be the default value if it's written as [**10** | <any number>].

Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

- 2XX - Success of some kind
- 4XX - Error occurred in client's part
- 5XX - Error occurred in server's part

Status	Description	Returned by
200	OK	application

201	Created	application
202	Accepted (Request accepted and queued for execution)	application
400	Bad request	application
401	Authentication failure	application
403	Forbidden	application
404	Resource not found	application
405	Method Not Allowed	application
409	Conflict	application
412	Precondition Failed	application
413	Request Entity Too Large	application
429	Too many requests	waf/proxy
500	Internal Server Error	application
501	Not Implemented	application
503	Service Unavailable	application

Common responses

Some server responses are common for all methods, as the ones regarding authentication, authorization and server errors.

Status	Response
401	<pre> { "result": "KO", "code": 401, "message": "Access unauthorized" } </pre>
403	<pre> { "result": "KO", "code": 403, "message": "Access Denied." } </pre>
500	<pre> { "result": "KO", "message": "Internal server error" } </pre>

Methods

Get order list

Get orders for a specific date-time range ordered from new to old ones.

Request

Path

Method	URL
GET	orders/

Parameters

Type	Params	Values	Description
HEAD	apikey	string	The apikey provided by PromoFarma.
GET	page [optional]	[1 <any number>]	The specific page to be retrieved
GET	from	Datetime	The datetime in ATOM format (Y-m-d\TH:i:sP) indicating the starting date. Example: 2022-08-11T15:52:01+00:00
GET	to	Datetime	The datetime in ATOM format (Y-m-d\TH:i:sP) indicating the end date. Example: 2022-08-11T15:52:01+00:00

Response

Status	Response
--------	----------

Response will be an object containing the list of orders (array) in the orders key as well as some metadata regarding total results.

```
{
  "total": 153,
  "results": 25,
  "page": 1,
  "orders": [
    //Order list
  ]
}
```

Each order in the list contains two objects, data and metadata. An example order response data would be:

```
{
  "data": {
    "order_id": "124S6",
    "order_date": "2018-10-15T22:38:38+00:00",
    "number_of_order_lines": 3,
    "total_amount": 10.25,
    "currency": "EUR",
    "courier": "MRW",
    "customer_name": "JOHN DOE",
    "customer_country": "ES",
  },
  "metadata": {
    "links": [
      {
        "rel": "self",
        "href": "/orders/164S6",
      },
      {
        "rel": "lines",
        "href": "/orders/164S6/lines",
      }
    ]
  }
}
```

400

Two examples are shown below:

```
{
  "result": "KO",
  "code": "invalid_argument_exception",
  "message": "Invalid argument: page not
valid <not_integer_page>"
}
```

```
{
  "result": "KO",
  "code": "invalid_argument_exception",
  "message": "Missing argument <from>"
}
```

Get order

Get order by using the order id code.

Request

Path

Method	URL
GET	orders/<order_id>

Parameters

Type	Params	Values	Description
HEAD	apikey	string	The apikey provided by PromoFarma.
GET	order_id	string	The unique identifier for the given order.

Response

Status	Response
--------	----------

200

Response will be an array with as many line objects as the order has An example response would be:

```
{
  "data": {
    "order_id": "124S6",
    "order_date": "2018-10-15T22:38:38+00:00",
    "number_of_order_lines": 3,
    "total_amount": 10.25,
    "currency": "EUR",
    "courier": "MRW",
    "customer_name": "JOHN DOE",
    "customer_country": "ES",
  },
  "metadata": {
    "links": [
      {
        "rel": "lines",
        "href": "/orders/164S6/lines",
      }
    ]
  }
}
```

404

```
{
  "result": "KO",
  "code": "order_not_found",
  "message": "Order not found <x>"
}
```

Get order lines

Request

Path

Method	URL
GET	orders/<order_id>/lines

Parameters

Type	Params	Values	Description
HEAD	apikey	string	The apikey provided by PromoFarma.
GET	order_id	string	The unique identifier for the given order.

Response

Status	Response
200	<p>Response will be an array with as many line objects as the order has. An example response would be:</p> <pre data-bbox="324 235 1443 1455"> { "data": [{ "product_id": 33143, "product_name": "Cleanser Sensitive Skin 20 toallitas", "status": "NEW", "commission": 20, "quantity": 2, "ean": [], "national_code": 162967, "price": 2.95, "currency": "EUR", "tax": 21, "next_day": true, }, { "product_id": 21383, "product_name": "tarro reparador 10ml", "status": "NEW", "commission": 20, "quantity": 1, "ean": [], "national_code": 162967, "price": 4.56, "currency": "EUR", "tax": 21, "next_day": true, },], } </pre>
404	<pre data-bbox="324 1501 1443 1780"> { "result": "KO", "code": "order_not_found", "message": "Order not found <x>" } </pre>

Post Request pickup

Given a shipment_id, it performs the pickup request so the couriers are aware that order is prepared. After this call is successful, order lines should be in status PREPARED.

Request

Path

Method	URL
POST	/shipment/<shipment_id>/request-pickup

Parameters

Type	Params	Values	Description
HEAD	apikey	string	The apikey provided by PromoFarma.
GET	shipment_id	string	The unique identifier for the given shipment. The shipment_id is the same value that the order_id aforementioned in getOrder and getOrderLines endpoints.

Response

Status	Response
200	<p>Response will be an array with as many line objects as the order has An example response would be:</p> <pre>{ "metadata": { "links": [{ "rel": "order", "href": "/orders/164S6", }, { "rel": "lines", "href": "/orders/164S6/lines", }] } }</pre>
404	<pre>{ "result": "KO", "code": "shipment_not_found", "message": "The shipment with id <shipment_id> was not found." }</pre>

Get Shipping label

Given a shipment that has been prepared and notified to the courier, it returns the shipping label as a base64 encoded pdf.

Request

Path

Method	URL
GET	/shipment/<shipment_id>/label

Parameters

Type	Params	Values	Description
HEAD	apikey	string	The apikey provided by PromoFarma.
GET	shipment_id	string	The unique identifier for the given shipment. The shipment_id is the same value that the order_id aforementioned in getOrder and getOrderLines endpoints.

Response

Status	Response
200	<p>Response data will contain a base-64 encoded pdf:</p> <pre>{ "result": "OK", "data": "JVBERi0xLjMKMSAwIG9iago8PCAvVHlwZSAvQ2F0YWxvZwovT3V0bGluZXM MiAwIFIKL1BhZ2VzIDMgMCBSID4+CmVuZG9iagoyIDAgb2JqCjw8IC9UeXB1 C9PdXRsaW5lcyAvQ291bnQgMCA+PgplbmRvYmoKMyAwIG9iago8PCAvVHlwZ AvUGFnZXMKL0tpZHMgWzYgMCBSCl0KL0NvdW50IDEKLL1Jlc291cmNlcyA8PA vUHJvY1NldCA0IDAgUgovRm9udCA8PCAkl0YxIDggMCBSCi9GMiA5IDAgUgo RjMgMTAgMCBSCj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4+Cj4 WRpYUJveCBbMC4wMDAgMC4wMDAgNjEyLjAwMCA3OTIuMDAwXQogPj4KZW5kb JqCjQgMCBvYmoKWy9QREYgL1RleHQgL0ltYWdlQyBdCmVuZG9iagolIDAgb2 qCjw8Ci9Qcm9kdWNlciAo/v8AZABvAG0AcABkAGYAIAA8ADUAMQAxADMAYQB AGMAZA" }</pre>
404	<pre>{ "result": "KO", "code": "shipment_not_found", "message": "The shipment with id <shipment_id> was not found." }</pre>

Get Shipping Waybill

Given a shipment that has been prepared and notified to the courier, it returns the shipping waybill as a base64 encoded pdf.

Request

