



DPD France

API Specifications

Shipment labels

Collection Requests

Pickup orders

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Revision

Version	Author	Details
2019.03.13	Marco Brentini	Initial release
2019.05.10	Marco Brentini	Modification : authentication method Added : ZPL printing format
2019.06.21	Marco Brentini	Modification : error management
2019.06.27	Marco Brentini	Fields status and length corrections
2019.07.26	Marco Brentini	Removed : receiverContactName field Added : EPL printing format
2019.10.14	Marco Brentini	Added : parcelCount and masterCallId parameters in collection-request/save/ext

Introduction

This document sets out the specifications of the labels and the shipment data used by DPD France as well as DPDgroup partners.

In order to be correctly processed, each package must have a label referring to a single parcel number + a set of data for the package: origin, destination, weight, services associated with.

DPD France is a mono-parcel delivery network.

Parcel standards accepted in our network:

DPD Classic / Predict deliveries

- Max length: 200 cm
- Sum of dimensions $(L+2l+2h) < 300$ cm
- Weight: 30 kg per parcel max.



DPD Relais / DPD Retour deliveries

- Max length: 100 cm
- Sum of dimensions $(L+2l+2h) < 250$ cm
- Weight: 20 kg per parcel max.



DPD Classic Intercontinental deliveries

- Max length: 175 cm
- Sum of dimensions $(L+2l+2h) < 300$ cm
- Weight: 30 kg per parcel max.



Fields attributes

In this document, fields, variables, or parameters are characterized by attributes such as their status, their maximum length in characters or their format.

- Status
 - M:** Mandatory
 - O:** Optional
- Type
 - String:** Alphanumeric string
 - Long:** Decimal value
 - Boolean:** *true* or *false* value
 - List:** Object containing multiple values

1 General information

1.1 Transmission protocol

This **REST API** is to be called by **HTTP**.

The methods described in this document are to be called with **POST**.

The format of requests and responses is **JSON**.

The accepted character encoding is **UTF-8**.

Therefore, your requests must bear the following HTTP headers:

- **Content-type=application/json**
- **Charset=UTF-8**

1.2 Endpoint URL

The API can be accessed from the following URL: <https://ws.dpd.fr/backend/api/integration/public/>

1.3 Authentication

Login credentials will be sent to you by the DPD France technical service.

Securing calls to this API is done by basic HTTP authentication. An HTTP header named **Authorization** is required to log in, it is needed every time you will call the API.

The value associated with the **Authorization** header is equal to "Basic" followed by your **login:password** encoded in Base64.

```
Content-Type: application/json;charset=UTF-8
Authorization: Basic U1BFQ01NR*****JCRg==
```

1.4 Sample data

Examples of queries and responses for the various methods described below, as well as definitions in OpenAPI 3.0, Swagger 2.0, and Postman 2.1 formats are available in the provided zip archive, in the **Sample Data** folder.

1.5 PHP class

A PHP class with corresponding functions to the possibilities of this API is available in the provided zip archive, in the **PHP Class** folder.

2 Shipment label creation

Creating a shipment takes two steps:

1. Calling a method to save shipment details (sender and consignee addresses, parcel data, delivery service)
2. Calling a method to confirm the shipment and generate the label

In order to follow this process, it is possible to:

- Register one shipment, confirm it, and generate its label in a single step by calling the method **/shipment/save/print**, refer to section 2.1
- Register multiple shipments by calling method **/shipment/save/ext**, then generate a file containing multiple labels at once by calling method **/manifest/label4web/close/download**, refer to sections 2.2 and 2.3.

The format of the produced labels are **A4** (standard printer) or **A6** (thermal printer, to be printed on a minimal paper size of 100 x 150 mm).

Output print flows are **PDF**, **ZPL** or **EPL** with 203, 300, or 600 dpi definitions.

Additional software may be required in order to view PDF documents, such as Acrobat Reader.

2.1 Unitary shipment label creation

- **Method:** shipment/save/print

2.1.1 Input parameters

	Input parameter	Status	Type	Leng.	Details
Date	shipmentDate	M	String	8	Shipment date (format YYYYMMDD)

Identification	payerId	M	Long	8	Payer customer ID
	payerAddressId	M	Long	8	Payer customer address ID
	senderId	M	Long	8	Sender customer ID
	senderAddressId	M	Long	8	Sender customer address ID
	departureUnitId	M	String	4	Origin DPD depot code – refer to §2.6.1
	senderZipCode	M	String	10	Sender zip code
	senderCountryCode	M	String	2	Sender country code – Code ISO-2

Consignee	receiverFirmName	O/M	String	35	Company name, mandatory if receiverLastName is empty
	receiverFirstName	O/M	String	35	First name, mandatory if DPD Relais delivery
	receiverLastName	O/M	String	35	Last name, mandatory if receiverFirmName is empty
	receiverHouseNo	O	String	8	House number - consignee
	receiverStreet	M	String	35	Street - consignee
	receiverStreetInfo	O	String	35	Second line of address - consignee
	receiverZipCode	M	String	10	Zip code - consignee
	receiverCity	M	String	35	City - consignee
	receiverCountryCode	M	String	2	Country code - consignee - Code ISO-2
	receiverLandlineNumber	O	String	20	Telephone number - consignee
	receiverMobileNumber	O/M	String	20	Mobile number – consignee, mandatory if Predict delivery
	receiverEmailAddress	O	String	35	Email address - consignee
	receiverCode1	O	String	8	Door code 1
	receiverCode2	O	String	8	Door code 2
	receiverIntercom	O	String	35	Intercom - consignee
	receiverAdditionalAdrInfo	O	String	70	Delivery instructions, additional address information

Sender	replaceSender	O	Boolean		« true » if the sender address must be replaced
	replaceSenderAddress	O/M	List		Contains below parameters
	name	O/M	String	35	Company name - sender
	buildingNo	O	String	8	House number - sender
	street	O/M	String	35	Street - sender
	streetInfo	O	String	35	Second line of address - sender
	zipCode	O/M	String	10	Zip code - sender
	cityName	O/M	String	35	City - sender
	countryCode	O/M	String	2	Country code - sender - Code ISO-2
	telNo	O	String	20	Telephone number - sender

PUDO	parcelShopId	O/M	String	6	Pickup PUDO shop ID – refer to §2.6.2
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Returns	returnType	O	Long	10	Returns service – refer to §2.6.3
	sameReturnAddress	O	Boolean	10	« true » if the return address is equal to the sender's
	returnAddress	O/M	List		Contains below parameters
	name	O/M	String	35	Company - returns
	buildingNo	O	String	8	House number - returns
	street	O/M	String	35	Street - returns
	streetInfo	O	String	35	Second line of address - returns
	zipCode	O/M	String	10	Zip code - returns
	cityName	O/M	String	35	City - returns
	countryCode	O/M	String	2	Country code - returns - Code ISO-2
	telNo	O	String	20	Telephone number - returns

Group	mps	O	Boolean		Grouping service – refer to §2.6.4
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Parcels	parcels	M	List		Contains below parameters, could be repeated
	cref1	M	String	35	Reference 1
	cref2	O	String	35	Reference 2
	cref3	O	String	35	Reference 3
	cref4	O	String	35	Reference 4
	hinsAmount	O	String	10	Declared goods value for insurance – refer to §2.6.5
	weight	M	String	10	Parcel weight – in kg

Service	products	M	List		Contains below parameters
	productId	M	Long	5	DPD delivery service ID – refer to §2.6.6

Labels	manifest	M	List		Contains below parameters
	language	M	String	2	Always "fr"
	labelFormat	M	String	2	"A4" or "A6"
	referenceAsBarcode	M	Boolean		Print References 1 & 2 as CODE128 barcodes
	fileType	O	String	3	Print flow : PDF, ZPL, EPL - PDF by default
	dpi	O	Long	3	ZPL / EPL definition in dpi: 203, 300, or 600.

2.1.2 Acquired data

The API returns the requested shipping information, as well as a document that contains the transport labels, as a string of characters encoded in base64.

A method such as `Convert.FromBase64String` in C#, or `base64_decode` in PHP, will allow you to convert the acquired base64 string into a print flow.

Output parameter	Status	Type	Leng.	Details	Example
shipments	M	List		Shipment data	
shpId	O	Long	8	Shipment ID - unused	126248034
returnShpId	O	Long	3	Return shipment ID – unused	null
manifestId	O	Long	1	Manifest ID - unused	null
masterParcelId	O	Long		Master parcel ID (when grouped)	null
parcels	M	List		Parcel number	["10770395543676"]
returnParcels	O	List		Return parcel number	["10770395543677"]
label	M	List		Label	
fileContent	M	String		PDF document, base64 encoded	JVBERi0xL.....
fileName	M	String	256	PDF default file name	weblabel<id><date>_<time>.pdf
fileType	M	String	3	Print flow : PDF, ZPL, or EPL	PDF

2.2 Shipment registering for future label generation

- **Method** : shipment/save/ext

2.2.1 Input parameters

	Input parameter	Status	Type	Leng.	Details
Date	shipmentDate	M	String	8	Shipment date (format YYYYMMDD)

Identification	payerId	M	Long	8	Payer customer ID
	payerAddressId	M	Long	8	Payer customer address ID
	senderId	M	Long	8	Sender customer ID
	senderAddressId	M	Long	8	Sender customer address ID
	departureUnitId	M	String	4	Origin DPD depot code – refer to §2.6.1
	senderZipCode	M	String	10	Sender zip code
	senderCountryCode	M	String	2	Sender country code – Code ISO-2

Consignee	receiverFirmName	O/M	String	35	Company name, mandatory if receiverLastName is empty
	receiverFirstName	O/M	String	35	First name, mandatory if DPD Relais delivery
	receiverLastName	O/M	String	35	Last name, mandatory if receiverFirmName is empty
	receiverHouseNo	O	String	8	House number - consignee
	receiverStreet	M	String	35	Street - consignee
	receiverStreetInfo	O	String	35	Second line of address - consignee
	receiverZipCode	M	String	10	Zip code - consignee
	receiverCity	M	String	35	City - consignee
	receiverCountryCode	M	String	2	Country code - consignee - Code ISO-2
	receiverLandlineNumber	O	String	20	Telephone number - consignee
	receiverMobileNumber	O/M	String	20	Mobile number – consignee, mandatory if Predict delivery
	receiverEmailAddress	O	String	35	Email address - consignee
	receiverCode1	O	String	8	Door code 1
	receiverCode2	O	String	8	Door code 2
	receiverIntercom	O	String	35	Intercom - consignee
	receiverAdditionalAdrInfo	O	String	70	Delivery instructions, additional address information

Sender	replaceSender	O	Boolean		« true » if the sender address must be replaced
	replaceSenderAddress	O/M	List		Contains below parameters
	name	O/M	String	35	Company name - sender
	buildingNo	O	String	8	House number - sender
	street	O/M	String	35	Street - sender
	streetInfo	O	String	35	Second line of address - sender
	zipCode	O/M	String	10	Zip code - sender
	cityName	O/M	String	35	City - sender
	countryCode	O/M	String	2	Country code - sender - Code ISO-2
	telNo	O	String	20	Telephone number - sender

PUDO	parcelShopId	O/M	String	6	Pickup PUDO shop ID – refer to §2.6.2
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Returns	returnType	O	Long	10	Returns service – refer to §2.6.3
	sameReturnAddress	O	Boolean	10	« true » if the return address is equal to the sender's
	returnAddress	O/M	List		Contains below parameters
	name	O/M	String	35	Company - returns
	buildingNo	O	String	8	House number - returns
	street	O/M	String	35	Street - returns
	streetInfo	O	String	35	Second line of address - returns
	zipCode	O/M	String	10	Zip code - returns
	cityName	O/M	String	35	City - returns
	countryCode	O/M	String	2	Country code - returns - Code ISO-2
	telNo	O	String	20	Telephone number - returns

Group	mps	O	Boolean		Grouping service – refer to §2.6.4
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Parcels	parcels	M	List		Contains below parameters, could be repeated
	cref1	M	String	35	Reference 1
	cref2	O	String	35	Reference 2
	cref3	O	String	35	Reference 3
	cref4	O	String	35	Reference 4
	hinsAmount	O	String	10	Declared goods value for insurance – refer to §2.6.5
	weight	M	String	10	Parcel weight – in kg

Service	products	M	List		Contains below parameters
	productId	M	Long	5	DPD delivery service ID – refer to §2.6.6

2.2.2 Acquired data

The API will return an array containing as many shipments as requested.

You will need to save the values acquired in the **tempShpId** parameter of each shipment, they will be needed in a second query, in order to produce the labels (see section 2.3).

Output parameter	Status	Type	Leng.	Details	Example
tempShpId	O	List	256	Temporary shipment ID	125945743

2.3 Confirmation and label generation

This method will confirm shipment creation and start multiple label generation, merged inside a single PDF file.

- **Method** : manifest/label4web/print/close/download

2.3.1 Input parameters

Input parameter	Status	Type	Leng.	Details	Example
labelStartPosition	M	Long	8	First label position – always 1	1
labelFormat	M	String	2	Label format : A4 or A6	A4
referenceAsBarcode	O	Boolean		Print references as CODE 128 barcodes	false
language	M	String	2	Label language - always "fr"	fr
shpIdList	M	List	256	Temporary shipment IDs (tempShpId)	[125945743,125945744]
fileType	O	String	3	Print flow : PDF, ZPL, or EPL	PDF
dpi	O	Long	3	ZPL / EPL definition in dpi: 203, 300, or 600	

2.3.2 Acquired data

The API returns the requested shipping information, as well as a document that contains the transport labels, as a string of characters encoded in base64.

A method such as `Convert.FromBase64String` in C#, or `base64_decode` in PHP, will allow you to convert the acquired base64 string into a print flow.

Output parameter	Status	Type	Leng.	Details	Example
shipments	M	List		Shipment data	
shpId	O	Long	8	Shipment ID - unused	126248034
returnShpId	O	Long	3	Return shipment ID – unused	null
manifestId	O	Long	1	Manifest ID - unused	null
masterParcelId	O	Long		Master parcel ID (when grouped)	null
parcels	M	List		Parcel number	["10770395543676"]
returnParcels	O	List		Return parcel number	["10770395543677"]
label	M	List		Label	
fileContent	M	String		PDF document, base64 encoded	JVBERi0xL.....
fileName	M	String	256	PDF default file name	weblabel<id><date>_<time>.pdf
fileType	M	String	3	Print flow : PDF, ZPL, or EPL	PDF

2.4 Reprint a label

This method allows you to reprint a previously generated label.

Please note that if the shipment to be reprinted has a return option, both initial and return labels will be reprinted.

- **Method** : manifest/label4web/reprint/download

2.4.1 Input parameters

Input parameter	Status	Type	Leng.	Details	Example
labelStartPosition	M	Long	8	First label position – always 1	1
labelFormat	M	String	2	Label format : A4 or A6	A4
referenceAsBarcode	O	Boolean		Print references as CODE 128 barcodes	false
language	M	String	2	Label language - always "fr"	fr
parcelNumber	M	String	14	Parcel label number to reprint	10770395543676
fileType	O	String	3	Print flow : PDF, ZPL, or EPL	PDF
dpi	O	Long	3	ZPL / EPL definition in dpi: 203, 300, or 600	

2.4.2 Acquired data

The API returns the requested shipping information, as well as a document that contains the transport labels, as a string of characters encoded in base64.

A method such as `Convert.FromBase64String` in C#, or `base64_decode` in PHP, will allow you to convert the acquired base64 string into a print flow.

Output parameter	Status	Type	Leng.	Details	Example
fileContent	M	String		PDF document, base64 encoded	JVBERi0xL.....
fileName	M	String	256	PDF default file name	weblabel<id><date>_<time>.pdf
fileType	O	String	3	Print flow : PDF, ZPL, or EPL	PDF

2.5 Print a “Return on demand” label

This method allows you to generate a « Return on demand » label. This type of return labels is linked to an initial shipment for which a return option was enabled.

- **Method:** shipment/print/return-on-demand

2.5.1 Input parameters

Input parameter	Status	Type	Leng.	Details	Example
labelStartPosition	M	Long	8	First label position – always 1	1
labelFormat	M	String	2	Label format : A4 or A6	A4
referenceAsBarcode	O	Boolean		Print references as CODE 128 barcodes	false
language	M	String	2	Label language - always "fr"	fr
parcelNumber	M	String	14	Initial parcel number	10770395543676
fileType	O	String	3	Print flow : PDF, ZPL, or EPL	PDF
dpi	O	Long	3	ZPL / EPL definition in dpi: 203, 300, or 600	

2.5.2 Acquired data

The API returns the requested shipping information, as well as a document that contains the transport labels, as a string of characters encoded in base64.

A method such as `Convert.FromBase64String` in C#, or `base64_decode` in PHP, will allow you to convert the acquired base64 string into a print flow.

Output parameter	Status	Type	Leng.	Details	Example
shpId	O	Long	8	Shipment ID - unused	126248034
manifestId	O	Long	1	Manifest ID - unused	null
parcels	M	List		Parcel number	["10770395543676"]
label	M	List		Label	
fileContent	M	String		PDF document, base64 encoded	JVBERi0xL.....
fileName	M	String	256	PDF default file name	weblabel<id><date>_<time>.pdf
fileType	O	String	3	Print flow : PDF, ZPL, or EPL	PDF

2.6 Input parameters details

2.6.1 Client authentication

Values to be passed in this set of parameters will be provided by DPD France technical service. This information identify you as a customer and are therefore confidential.

2.6.2 Pickup PUDO ID

Values to be passed in this parameter is coming from an external webservice request dedicated to Pickup PUDO points search.

Related webservice documentation can be provided on request to the DPD France technical service.

2.6.3 DPD Returns option

This parameter is to be set if you want to allow your consignee to proceed to a merchandise return.

Input parameter returnType accepts the following values:

returnType	DPD Return type	Details
0	Prepared	Initial and return labels are both printed at the same time, you will include the return label inside the parcel for a future usage by the consignee
1	On demand	Return label will be authorized and printed afterwards, by calling the shipment/print/return-on-demand method, or by your consignee on our website dpd.fr

2.6.4 Grouping service

If your shipment contains multiple parcels, you can trigger a grouped delivery of all parcels, according to the terms of your contract.

2.6.5 Insurance based on declared value

You can apply an additional insurance service in order to cover the value of the transported goods.

This insurance involves an additional cost to the transportation, according to the terms of your contract.

2.6.6 Delivery service ID

Please refer to this list of delivery services proposed by DPD France:

productId	Service	Destinations	Description
1	DPD CLASSIC	France, Europe	Deferred delivery in France and Europe
40033	DPD CLASSIC INTERCONTINENTAL	World excl. France, Europe	Delivery by air for destinations outside Europe
40275	PREDICT	France, Europe	Private customers delivery with an SMS/Mail interaction
40276	DPD RELAIS	France	Delivery to a Pickup PUDO shop
40278	DPD RETOUR	France	Parcel drop-off at a Pickup PUDO shop to be returned to sender

The full list of countries, their ISO code, their postal code format, as well as the list of authorized delivery services is available in the zip archive containing this documentation, in the folder Sample Data > Service details.

2.7 Error management

Message	Details
Date	
Field: shipmentDate has wrong date format. Only yyyyMMdd format is accepted.	The format of the shipmentDate field must be correctly formatted in YYYYMMDD, example "20190621".
ERR_SHIPMENT_DATE_CANNOT_BE_BEFORE_TODAY	shipmentDate can not be earlier than the current date.
Zipcode	
Routing API: Input validation postal code not matching with destination country postcode pattern	The postal code passed in receiverZipCode is not in the format expected by the destination country, the field does not accept symbols.
Routing API: Routing problem, No Destination Depot found for this destination	The zip code passed in receiverZipCode is not recognized, please check it.
ERR_ZIP_CODE_NOT_NUMERIC / Zip code is not numeric	The postal code passed in receiverZipCode is not in the format expected by the destination country, the field receiverZipCode does not accept symbols.
DPD Relais deliveries	
Parcel shop id is mandatory in PUDO service.	If the productId parameter is 40276 (DPD Relais), the parcelShopId parameter becomes mandatory.
Parcel Shop not available!	The PUDO point ID passed in the parcelShopId field is unavailable due to holidays, use another PUDO point.
The shipment with main product PUDO must have filled receiverFirstName and receiverLastName fields.	If the productId parameter is 40276 (DPD Relais), the receiverFirstName and receiverLastName parameters become mandatory.
Telephone numbers	
Field: receiverLandlineNumber / receiverMobileNumber has wrong format. Only + and 0-9 characters are allowed.	The format of the phone number passed in receiverLandlineNumber / receiverMobileNumber is incorrect, this field does not accept any symbols except "+" as prefix.
Weight	
Parcel is too heavy. Actual weight: X, limit: Y	The weight of the parcel exceeds the limit for the chosen delivery service, check the value of parcels > weight
Grouping service	
Wrong parcel count for MPS shipment. Parcel count must be between X-Y	If the mps parameter is equal to true (Grouping service), the number of parcels must be included in the returned limits.
MPS is limited	The input parameters are not compatible with the parcel consolidation service, check them or disable the mps parameter.
Label format	
Field: dpi has wrong format. Only 203, 300, 600 values are allowed.	Please check the value of manifest > dpi
Field: fileType has wrong format. Only PDF, ZPL, EPL values are allowed.	Please check the value of manifest > fileType
ERR_REP_LANGUAGE_NOT_SUPPORTED	Please check the value of manifest > language
DPD delivery product	
ERR_SERVICE_CODE_NOT_FOUND_BY_PROD_COMB	The service passed in products > productId is not allowed for this destination
ERR_PRODUCT_ID_NOT_VALID	Please check the value of products > productId
MSG_CONTRACT_PROD_ID_NOT_FOUND	The service passed in products > productId is not allowed for this sender.
Printing / Reprinting labels	
ERR_SHIPMENT_WITH_ID_COULD_NOT_FOUND	Shipment already registered, please recreate a new one
ERR_ESHOP_MANIFEST_NOT_FOUND	The original label was not generated from the API
ERR_ESHOP_SHIPMENT_IS_NOT_ALLOWED	The original label was not generated with these API credentials

Original parcel id is not valid	The original parcel number is not recognized, please check the value of originalParcelId.
Authentication	
DOESNT_FIND_BU_CODE_ERROR	Please check the value of departureUnitId
Bad ODEPOT for chosen API	Please check the value of departureUnitId
ERR_UNIT_ID_NOT_EXIST	Please check the value of departureUnitId
Wrong payer. Payer ID: X does not belong to this customer.	Please check the value of payerId
Wrong sender. Sender ID: X does not belong to this customer.	Please check the value of senderId
AddressId: X does not belong to customerId: Y.	Please check the values of payerAddressId and senderAddressId
ERR_PARCEL_RANGE_DEFINITION_NOT_FOUND	Please check the values of payerAddressId and senderAddressId
Customer setup	
ERR_NO_PARCEL_RANGE_FOUND	No valid parcel range found
ERR_PAYER_SENDER_CASE_IS_INCORRECT	Payer/Sender case relationship is incorrect
ERR_INCORRECT_CUSTOMER_PARCEL_RANGE_SUBTYPE	Parcel range subtype is incorrect

Error messages in **bold** in above table require an assistance from DPD France.

3 Pickup orders

If there isn't already a scheduled parcel pickup at your company, you can trigger a one-off pickup order.

Please note that it is not possible to trigger a pickup order for the current day, and the pickup times are subject to approval upon DPD France operational services.

3.1 Program a pickup order

- **Method:** call-pools/save

3.1.1 Input parameters

Input parameter	Status	Type	Leng.	Details	Example
payerId	M	Long	8	Payer customer ID	12345678
payerAddressId	M	Long	8	Payer customer address ID	13456789
senderId	M	Long	8	Sender customer ID	12345678
senderAddressId	M	Long	8	Sender customer address ID	13456789
senderZipCode	M	String	10	Sender zip code	77144
senderCountryCode	M	String	2	Sender country code – ISO-2	FR
reqChannel	M	String	1	Request channel – always « E »	E
callType	M	String	2	Request type – always « 01 »	01
contactPerson	M	String	35	Contact name at pickup place	Contact Name
desiredPickUpDate	M	String	8	Pickup date – format YYYYMMDD	20190131
desiredPickUpTime1	M	String	6	Pickup start time - format HHMMSS	143000
desiredPickUpTime2	M	String	6	Pickup end time – format HHMMSS	173000

3.1.2 Acquired data

Output parameter	Status	Type	Leng.	Details	Example
callId	M	Long	8	Pickup order ID	7542919
responseMessage	O	String	256	Information message text	OK
coreInfoMessage	O	Long	5	Information message ID	null

3.2 Cancel a pickup order

Please note that it is not possible to cancel a pickup order programmed on the current day.

- **Method:** deletion-shipments/pickup-orders-with-related-shipments

3.2.1 Input parameters

Input parameter	Status	Type	Leng.	Details	Example
callId	M	List	10	Pickup order ID	7542919

3.2.2 Acquired data

Output parameter	Status	Type	Leng.	Details	Example
callId	M	Long	8	Pickup order ID	7542919
responseMessage	O	String	256	Information message text	OK
coreInfoMessage	O	Long	5	Information message ID	null

3.3 Error management

Message	Details
ERR_WRONG_DESIRED_PICKUP_TIME	The desired end of pickup time is before the start time, check desiredPickUpTime1 and desiredPickUpTime2.
You can't create multiple pickup orders for the same sender address ID on the same day.	It is not possible to create multiple pickup requests for the same day.
You can't create a pickup order for the today date or previous date.	The desired pickup date can not be earlier than or equal to the current date, check desiredPickUpDate.
ERR_NOT_WORKING_DATE_SELECTED	The desired pickup date is a non-working day, check desiredPickUpDate.
ERR_CONTACT_PERSON_NAME_MISSING	The name of the contact person can not be empty, check contactPerson.
Wrong payer. Payer ID: X does not belong to this customer.	Please check the value of payerId.
Wrong sender. Sender ID: X does not belong to this customer.	Please check the value of senderId.
AddressId: X does not belong to customerId: Y.	Please check the values of payerAddressId and senderAddressId.
Its forbidden to create pickup order from sender zip code: X.	Please check the values of senderCountryCode and senderZipCode.
Pickup request created but confirmation mail could not be send.	The pickup order was correctly saved, but the confirmation email could not be sent.
ERR_PICKUP_CANNOT_BE_CANCELED	Cannot cancel the pickup order because the pickup is already done.
ERR_PICKUP_CANCELLATION_START_TIME_EXCEEDED	The allowed time to cancel a pickup order is exceeded.

4 Collection Requests

A Collection Request represents a request for picking goods from a third party, to return at your warehouses or to be delivered to another third party.

This service is subject to availability according to the country of removal and delivery.

Please note that it is not possible to program a Collection Request for the current day.

4.1 Program a Collection Request

- **Method:** collection-request/save/ext

4.1.1 Input parameters

	Input parameter	Status	Type	Leng.	Details
Identification	reqChannel	M	String	1	Always "E"
	custref	O	String	8	Your reference
	weight	O	Long	8	Parcel weight - in kg
	parcelCount	O	Long	8	Number of parcels to pick up
	desiredPickupDate	M	String	8	Desired pickup date (YYYYMMDD)

Pickup address	cname	M	String	35	Company name
	cname2	O	String	35	Name line 2
	cname3	O	String	35	Name line 3
	chouseNo	O	String	8	House number
	cstreet	M	String	35	Street
	cstreetInfo	O	String	35	Second line of address
	cpostal	M	String	10	Zip code
	ccity	M	String	35	City
	ccountry	M	String	2	Country code - Code ISO-2
	cphone	M	String	20	Telephone number
	cphone2	O	String	20	Mobile number
	cemail	O	String	35	Email address
	ccode1	O	String	8	Door code 1
	ccode2	O	String	8	Door code 2
	cintercom	O	String	8	Intercom
	cadditionalAddressText	O	String	35	Pickup instructions

Delivery address	rname	M	String	35	Name
	rname2	O	String	35	Name line 2
	rhouseNo	O	String	8	House number
	rstreet	M	String	35	Street
	rstreetInfo	O	String	35	Second line of address
	rpostal	M	String	10	Zip code
	rcity	M	String	35	City
	rcountry	M	String	2	Country code - Code ISO-2
	rphone	M	String	20	Telephone number

rphone2	O	String	20	Mobile number
remail	O	String	35	Email address
rcode1	O	String	8	Door code 1
rcode2	O	String	8	Door code 2
rintercom	O	String	8	Intercom
radditionalAddressText	O	String	35	Delivery instructions

4.1.2 Acquired data

Please note that for operational reasons, in the case of an abroad Collection Request, parcel number is not generated by DPD France and therefore is not returned by the API.

You can save the request ID (callId parameter) for possible future operations.

Output parameter	Status	Type	Leng.	Details	Example
coreInfoMessageId	M	Long	5	Information message ID	50
colReqId	M	Long	8	Unused	566547
callId	M	Long	8	Collection Request ID	8011340
orderNr	M	Long	8	Unused	605542
oid	M	String	16	Unused	031966ozidocjeioj
timeCreate	M	String	6	Creation time (hhmmss)	93116
dateCreate	M	String	8	Creation date (YYYYMMDD)	20190207
userCreate	M	String	35	API credentials used	APIUSER
odepot	M	String	4	DPD depot code of payer	1077
rdepot	M	String	4	DPD depot code of consignee	1095
cdepot	M	String	4	DPD depot code of pickup place	1013
parcelNo	O	String	14	Collection Request parcel number	10770192823701
masterCallId	O	Long	8	Collection Request ID in case parcelCount > 1	null

4.2 Cancel a Collection Request

Please note that it is not possible to cancel a Collection Request programmed on the current day.

- **Method:** collection-request/cancel

4.2.1 Input parameters

You can cancel a Collection Request by passing in the request the DPD France parcel number (parcelNumber parameter), as well as by passing the request ID if the Collection Request is programmed abroad (callId parameter).

Input parameter	Status	Type	Leng.	Details	Example
callId	O/M	Long	10	Collection Request ID	8011340
parcelNumber	O/M	Long	14	Collection Request parcel number	10770192823701

4.2.2 Acquired data

Output parameter	Status	Type	Leng.	Details	Example
callId	M	Long	8	Pickup order ID	8011340
responseMessage	O	String	256	Information message text	OK
coreInfoMessage	O	Long	5	Information message ID	null

4.3 Error management

Message	Details
You can't create a collection request with a date earlier than today.	The desired pickup date can not be earlier than the current date, check desiredPickupDate
ERR_NOT_WORKING_DATE_SELECTED	The pickup date is not a working day, check desiredPickupDate.
ERR_WRONG_OR_MISSING_COLLECTING_DEPOT	The pickup address is not recognized, check cpostal and ccountry.
ERR_WRONG_OR_MISSING_RECEIVING_DEPOT	The delivery address is not recognized, check rpostal and rcountry.
ERR_COLLECTION_REQUEST_NOT_FOUND	The Collection Request is not recognized, check parcelNumber or callId.
ERR_REQ_STATUS_IS_CANCELLED	The Collection Request is already canceled.



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