
PostNL PHP bindings Documentation

Release 1.2.0

[Read the Docs](#)

Aug 03, 2023

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These PHP API bindings aim to make it easier to connect to PostNL's CIF API, used for displaying delivery options, printing shipment labels and retrieving actual shipment statuses.

- The goal is to have a simple interface for connecting with either the SOAP or REST API, while still being able to follow [the official API documentation](#).
- Abstracts away direct requests to the API, allowing you to focus on the code itself. The object structure *is based on the SOAP API*.
- Can merge PDF labels (both A6 and A4) and automatically handles concurrent requests when necessary, making batch processing a lot easier.
- Follows PHP standards, some of them are:
 - PSR-3 logging. You can log the requests and responses for debugging purposes. More info on the page [Logging](#).
 - PSR-6 caching, so you can use your favorite cache for caching API responses. Chapter [Caching](#).
 - PSR-7 interfaces for requests and responses. Build and process functions are provided for every service so you can create your own mix of batch requests. See the [Firstred\PostNL\PostNL::getTimeframesAndNearestLocations](#) method for an example.
 - PSR-18 HTTP Clients or HTTPPlug clients.
- Framework agnostic. You can use this library with any framework.
- A custom HTTP client interface so you can use the HTTP client of your choice. Using the [Guzzle](#) or [Symfony HTTP client](#) is strongly recommended. Any HTTPPlug client can be used by installing the related packages. See the [HTTP Client](#) chapter for more information.

```
<?php

use Firstred\PostNL\PostNL;
use Firstred\PostNL\Entity\Request\GetTimeframes;
use Firstred\PostNL\Entity\Timeframe;

$postnl = new PostNL();
$timeframes = $postnl->getTimeframes(
    getTimeframes: new GetTimeframes(
        Timeframes: [
            new Timeframe(
                CountryCode: 'NL',
                EndDate: date(format: 'd-m-Y', timestamp: strtotime(datetime: '+14_
↪days')),
                HouseNr: 42,
                Options: ['Daytime', 'Evening'],
                PostalCode: '2132WT',
                SundaySorting: true,
                StartDate: date(format: 'd-m-Y', timestamp: strtotime(datetime: '+1_
↪day')),
            ),
        ],
    ),
);
var_dump(value: $timeframes);
```


DEVELOPER GUIDE

1.1 Overview

1.1.1 Requirements

1. PHP 8.1 or higher (up to and including 8.2)

Note: You can install any HTTP Client that is supported by the [HTTPPlug](#) project. See chapter *HTTP Client* for more information.

Note: If you use the Guzzle client, you do not need to have the cURL extension installed. As an alternative, you can enable `allow_url_fopen` in your system's `php.ini`. The included Guzzle version can work with the PHP stream wrapper to handle HTTP requests. For more information check out [Guzzle's documentation](#).

1.1.2 License

Licensed using the [MIT license](#).

The MIT License (MIT).

Copyright (c) 2017-2023 Michael Dekker (<https://github.com/fIRSTred>)

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1.1.3 Contributing

Guidelines

1. This library supports PSR-1, PSR-2, PSR-3, PSR-4, PSR-6, PSR-7, PSR-17, PSR-18 and PSR-20.
2. The library is meant to be lean, fast and sticks to the standards of the SOAP API (when it comes to data transfer objects). This means that not every feature request can be accepted. When in doubt, please open an issue first.
3. The PostNL library has a minimum PHP version requirement of PHP 8.1. Pull requests must not require a PHP version lower than PHP 8.1.
4. Pull requests must include unit tests to ensure the change works as expected and to prevent regressions.

Running the tests

In order to contribute, you'll need to checkout the source from GitHub and install the dependencies using Composer:

```
git clone https://github.com/firstred/postnl-api-php.git
cd postnl-api-php && composer install
```

This library is unit tested with PHPUnit. Run the tests using the included PHPUnit version:

```
composer test
```

Building the documentation

The documentation is automatically built and hosted on readthedocs.io. You can build a local HTML copy by installing [Sphinx](#) and running

```
pip install -r docs/requirements.txt
```

to install the requirements, followed by

```
sphinx-build -b html docs builddir
```

to build the HTML output in the directory `builddir`.

1.2 Installation

The recommended way to install the PostNL library is through [Composer](#). Composer is a dependency management tool for PHP that allows you to declare the dependencies your project needs and installs them into your project.

This chapter assumes that you meet all the requirements as described in the [Overview](#) chapter.

Install composer with the instructions on this page: <https://getcomposer.org/download/>

1.2.1 Install through Composer

Install the PostNL library:

```
composer require firstred/postnl-api-php
```

You can optionally add the well-known [Guzzle](#) HTTP client as a dependency using composer:

```
composer require guzzlehttp/guzzle
```

This library will prefer the [Guzzle client](#) and automatically start using it instead of the built-in cURL-client.

Note: After installing, you need to require Composer's autoloader somewhere in your project, which is not necessary if you are using a framework such as Laravel or Symfony, for example.

You can require the autoloader as follows (assuming the `vendor/` dir is relative to your current directory):

```
require_once 'vendor/autoload.php';
```

You can find out more on how to install Composer, configure autoloading, and other best-practices for defining dependencies at getcomposer.org.

1.2.2 Install the latest development build through composer

During your development, you can keep up with the latest changes on the master branch by setting the version requirement for this library to `dev-2.0.x`.

```
{
  "require": {
    "firstred/postnl-api-php": "dev-2.0.x"
  }
}
```

Note: You will likely have to change the `min-stability` setting:

<https://getcomposer.org/doc/04-schema.md#minimum-stability>

1.3 Authentication

The PostNL API requires an API key to authenticate. You can request one via [MijnPostNL](#).

If you do not already have a PostNL account, be sure to check out this page: <https://developer.postnl.nl/request-api-key/>

Note: The API key is automatically attached to the `Firstred\PostNL\Entity\SOAP\UsernameToken` object (SOAP) or `apikey` HTTP header (REST). You do not have to manually add the API key with every request.

1.3.1 Passing all credentials

Besides having to provide an API key, you will have to pass information about your business. These credentials will have to be passed with a `Firstred\PostNL\Entity\Customer` object when creating a new `Firstred\PostNL\PostNL` instance.

Note: The `Firstred\PostNL\PostNL` class is the main class of this library. It handles all functionality you will need from a developer's perspective. After instantiating a new `Firstred\PostNL\PostNL` object you will have everything you need to communicate with the PostNL API. Everything else (caching, HTTP Clients, logging, etc.) is optional.

In order to get started with the API, the following credentials are important:

Required credentials

API key

Required: True

The API key

Customer code

Required: True

The customer code is a code that usually consists of 4 letters and appears in domestic 3S-codes.

Customer number

Required: True

The customer number is a number that usually consists of 8 digits.

Address

A filled `Firstred\PostNL\Entity\Address` object with at least the following information:

AddressType

Required: True

Default: 02

The address type should be 02, which means the address belongs to the sender.

City

Required: True

City

CompanyName

Required: True

The company name

HouseNr

Required: True

The house number

Street

Required: True

Street name

Zipcode

Required: True

The postcode. Be aware that the API might sometimes refer to a postcode as postcode, postal code or zipcode.

Collection location**Required:** True**Default:** 123456

I must admit that to this day I still do not have a single clue what this value means. It could refer to your local drop-off location (if you use one). If your PostNL account manager can provide you with a collection location number please use that one.

I usually fill out 123456 and it seems to work just fine.

Globalpack barcode type**Required:** False

The barcode type to use for international shipments. This field is optional if you do not ship outside the EU.

This field usually consists of 2 letters.

Globalpack customer code**Required:** False

The barcode type to use for international shipments. This field is optional if you do not ship outside the EU.

This field usually consists of 4 digits.

When you have all the required information, you are ready to configure the library. It can be configured as follows:

Note: Example configuration. All the credential come together in the `Firstred\PostNL\Entity\Customer` and main `Firstred\PostNL\PostNL` class.

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Customer;

$apiKey = 'qjsdjufhjasudhfafSDFasdi fh324';
$customer = new Customer(
    CustomerNumber: '11223344',
    CustomerCode: 'DEVC',
    CollectionLocation: '123456',
    ContactPerson: 'Test',
    Address: new Address(
        AddressType: '02',
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
    GlobalPackCustomerCode: '1234',
    GlobalPackBarcodeType: 'AB',
);

$postnl = new PostNL(
    customer: $customer, // The filled Customer object
    apiKey: $apiKey,     // The API key
    sandbox: false,      // Sandbox = false, meaning we are now using the live_
    ↪environment
);
```

You might have noticed that several different ways have been used to instantiate an object. More information about this can be found in the *Object instantiation* section.

The PostNL client constructor accepts a few options:

customer

Required: True

The `Firstred\PostNL\Entity\Customer` object that is used to configure the client and let PostNL know who is requesting the data.

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Customer;

// Create a new customer
$client = new Customer(
    CustomerNumber: '11223344', // Your collection location
    CustomerCode: 'DEVC', // Your Customer Code
    CollectionLocation: '123456', // Your Customer Number
    ContactPerson: 'Sander', // Add your GlobalPack information if you
    need
    Email: 'test@voorbeeld.nl', // to create international shipment labels
    Name: 'Michael',
    Address: new Address(
        AddressType: '02', // This address will be shown on the label
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
    GlobalPackCustomerCode: '1234',
    GlobalPackBarcodeType: 'CX',
);
```

apiKey

The API key to use. Note that if you want to switch from the legacy API to the new SOAP and REST API you will have to request a new key.

If you want to connect to the legacy API, you should pass a `Firstred\PostNL\Entity\SOAP\UsernameToken` with your username and token set:

```
$usernameToken = new UsernameToken('username', 'token');
```

You can request an API key for the sandbox environment on this page: <https://developer.postnl.nl/content/request-api-key> For a live key you should contact your PostNL account manager.

sandbox

Required: True

Indicate whether you'd like to connect to the sandbox environment. When *false* the library uses the live endpoints.

1.3.2 Authorization

You may not be authorized to access all services. Contact your PostNL account manager to find out what's available to you.

1.4 Quickstart

This page provides a quick introduction to this library and a few quick copy/paste examples which you can adjust to your likings.

This section assumes that you have installed the library and are fully authenticated.

If you do not have the library installed, head over to the [Installation](#) page. If you do not know what to pass to the main `Firstred\PostNL\PostNL` class, please refer to the chapter [Authentication](#) first.

You can do requests over the API by creating the request objects and passing them to one of the functions in the main `Firstred\PostNL\PostNL` class.

Creating request objects may seem a bit counter-intuitive at first, but this makes it a lot easier to follow the request examples from the [official API documentation](#) and quickly figure out what each field does.

Using an IDE with code completion is **strongly recommended**.

1.4.1 Requesting timeframes, locations and the delivery date at once

You can request the timeframes, locations and delivery date at once to quickly retrieve all the available delivery options.

Note: For more details on how to retrieve delivery options, consult the [Delivery options](#) chapter.

Here's how it is done from scratch:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Customer;
use Firstred\PostNL\Entity\CutOffTime;
use Firstred\PostNL\Entity\Location;
use Firstred\PostNL\Entity\Request\GetDeliveryDate;
use Firstred\PostNL\Entity\Request\GetNearestLocations;
use Firstred\PostNL\Entity\Request\GetTimeframes;
use Firstred\PostNL\Entity\Timeframe;
use Firstred\PostNL\PostNL;

require_once __DIR__.'./vendor/autoload.php';

// Your PostNL credentials
$customer = new Customer(
    CustomerNumber: '11223344',
    CustomerCode: 'DEVC',
    CollectionLocation: '123456',
    ContactPerson: 'Sander',
    Email: 'test@voorbeeld.nl',
    Name: 'Michael',
    Address: new Address(
        AddressType: '02',
```

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```

        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
);

$apikey = 'YOUR_API_KEY_HERE';
$sandbox = true;

$postnl = new PostNL(
    customer: $customer,
    apiKey: $apikey,
    sandbox: $sandbox,
);

$mondayDelivery = true;
$deliveryDaysWindow = 7; // Amount of days to show ahead
$dropoffDelay = 0;       // Amount of days to delay delivery

// Configure the cut-off window for every day, 1 = Monday, 7 = Sunday
$cutoffTime = '15:00:00';
$dropoffDays = [1 => true, 2 => true, 3 => true, 4 => true, 5 => true, 6 =>
    false, 7 => false];
foreach (range(start: 1, end: 7) as $day) {
    if ($dropoffDays[$day]) {
        $cutOffTimes[] = new CutOffTime(
            Day: str_pad(string: $day, length: 2, pad_string: '0', pad_
                type: STR_PAD_LEFT),
            Time: date(format: 'H:i:00', timestamp: strtotime(datetime:
                $cutoffTime)),
            Available: true,
        );
    }
}

$response = $postnl->getTimeframesAndNearestLocations(
    getTimeframes: new GetTimeframes(
        Timeframes: [
            new Timeframe(
                CountryCode: 'NL',
                EndDate: date(format: 'd-m-Y', timestamp:
                    strtotime(datetime: " +{$deliveryDaysWindow} days +{$dropoffDelay} days
                    )),
                HouseNr: '66',
                Options: ['Morning', 'Daytime'],
                PostalCode: '2132WT',
                SundaySorting: !empty($mondayDelivery) && date(format: 'w',
                    timestamp: strtotime(datetime: " +{$dropoffDelay} days")),
                StartDate: date(format: 'd-m-Y', timestamp:
                    strtotime(datetime: '+1 days')),
            ),
        ],
    ),
);

```

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```

getNearestLocations: new GetNearestLocations(
    Countrycode: 'NL',
    Location: new Location(
        Postalcode: '2132WT',
        AllowSundaySorting: !empty($mondayDelivery),
        DeliveryOptions: ['PG'],
        Options: ['Daytime'],
        HouseNr: '66',
    ),
),
getDeliveryDate: new GetDeliveryDate(
    GetDeliveryDate: new GetDeliveryDate(
        AllowSundaySorting: !empty($mondayDelivery),
        CountryCode: 'NL',
        CutOffTimes: $cutOffTimes,
        HouseNr: '12',
        Options: ['Daytime', 'Evening'],
        PostalCode: '2132WT',
        ShippingDate: date(format: 'd-m-Y H:i:s'),
        ShippingDuration: strval(value: 1 + $dropoffDelay),
    ),
);

```

The response variable will be an associative array containing the timeframes, nearest locations and delivery date. It has the following keys:

timeframes

This is a :php:class:Firstred

PostNL

Entity

Response

ResponseTimeframes' object containing all the timeframes. You can iterate over all the available timeframes as follows.

.. code-block:: php

```
foreach ($response['timeframes'] as $timeframe) {
    $date = $timeframe->getDate()->format('Y-m-d');
```

// Note that a timeframe object might have multiple embedded timeframes. // This might happen when you request both 'Daytime' and 'Evening' timeframes
 \$from = \$timeframe->getTimeframes()[0]->getFrom();
 \$to = \$timeframe->getTimeframes()[0]->getTo();

```
echo "date - from :from, to: to";
```

```
// Output: 2020-03-03 - from: 12:15:00, to: 14:00:00
```

.. note::

Note that the API usually groups timeframes by date, but is not guaranteed to do so, so do not rely on it!

The embedded timeframes contain the actual timeframes on that particular day.

The response format is the same for both the SOAP and REST API and is described on this page: https://developer.postnl.nl/browse-apis/delivery-options/timeframe-webservice/testtool-rest/#/Timeframe/get_calculate_timeframes

Note: Dates and times returned by the library always use the same format for consistency and therefore may differ from the API. Please refer to the [Formats](#) chapter for more information.

locations

The pickup locations can be found in the *Firstred\PostNL\Entity\Response\GetNearestLocationsResponse* object.

You can iterate over the found locations as follows:

```
foreach ($response['locations']->getGetLocationsResult()->getResponseLocation()
    ↳as $location) {
    var_dump($location);
}
```

delivery_date

The delivery date that was found, returned in a *Firstred\PostNL\Entity\Response\GetDeliveryDateResponse* object.

You can print the date as follows:

```
echo $response['delivery_date']->getDeliveryDate()->format('d-m-Y');
```

1.4.2 Creating a (merged) shipment label

This section describes how you can create two labels and have them merged into a single PDF automatically.

Note: If you'd like to know more about all the methods you can use to create labels, see the *Send and track shipments* chapter.

Example code:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Customer;
use Firstred\PostNL\Entity\Dimension;
use Firstred\PostNL\Entity\Label;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\Enum\LabelPosition;
use Firstred\PostNL\PostNL;

require_once __DIR__.'./vendor/autoload.php';

// Your PostNL credentials
$customer = new Customer(
    CustomerNumber: '11223344',
    CustomerCode: 'DEVC',
    CollectionLocation: '123456',
    ContactPerson: 'Sander',
    Email: 'test@voorbeeld.nl',
    Name: 'Michael',
    Address: new Address(
        AddressType: '02',
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
),
```

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```

);

$apikey = 'YOUR_API_KEY_HERE';
$sandbox = true;

$postnl = new PostNL(customer: $customer, apiKey: $apikey, sandbox: $sandbox);

$barcodes = $postnl->generateBarcodesByCountryCodes(isos: ['NL' => 2]);

$shipments = [
    new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Barcode: $barcodes['NL'][0],
        Dimension : new Dimension(Weight: '1000'),
        ProductCodeDelivery : '3085',
    ),
    new Shipment(
        Addresses : [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Barcode : $barcodes['NL'][1],
        Dimension : new Dimension(Weight: '1000'),
        ProductCodeDelivery: '3085',
    ),
];

$label = $postnl->generateLabels(
    shipments: $shipments,
    printertype: 'GraphicFile|PDF', // Printertype (only PDFs can be merged -- no
    ↪need to use the Merged types)
    confirm: true, // Confirm immediately
    merge: true, // Merge
    format: Label::FORMAT_A4, // Format -- this merges multiple A6 labels onto an A4
    positions: [

```

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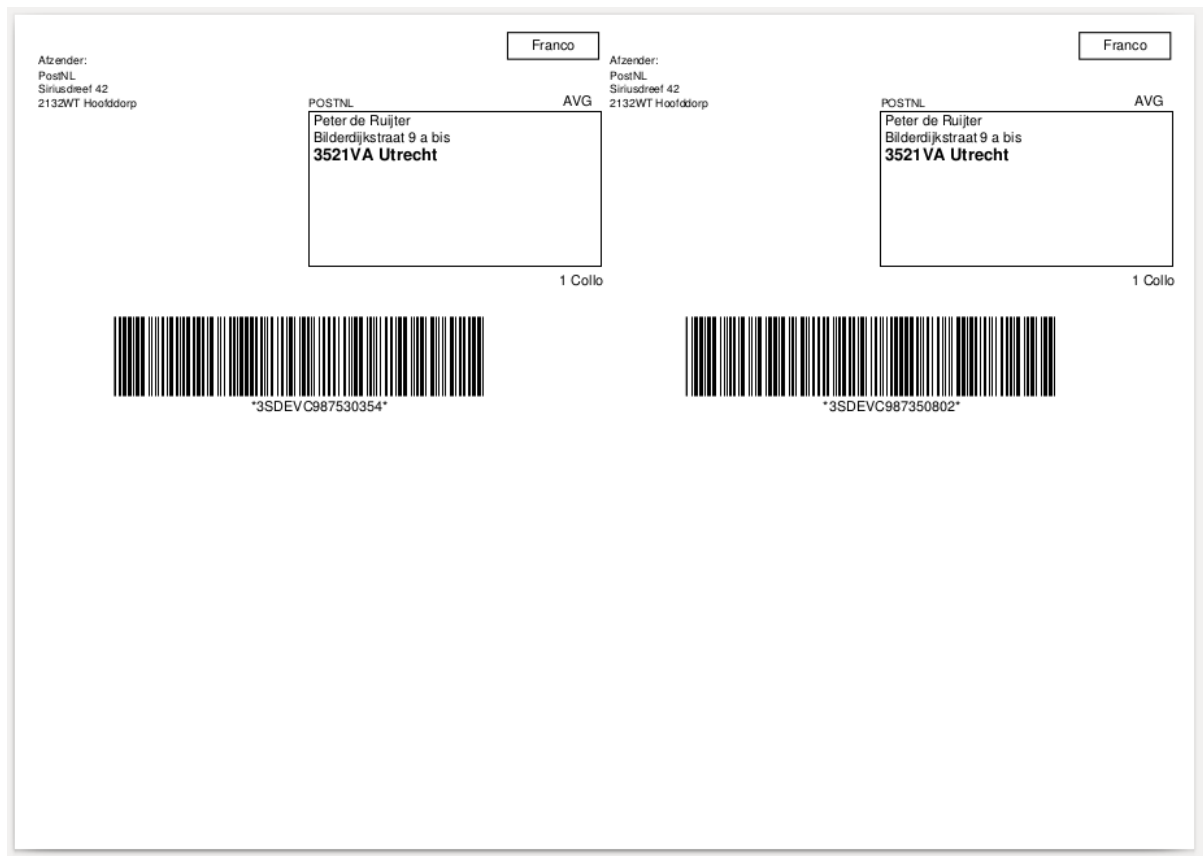
```

        LabelPosition::TopLeft->value    => true,
        LabelPosition::TopRight->value   => true,
        LabelPosition::BottomLeft->value => true,
        LabelPosition::BottomRight->value => true,
    ],
);

file_put_contents('labels.pdf', $label);

```

This will write a labels.pdf file that looks like this:



If you'd rather have the user download a label, you can set the Content-Disposition header:

```

$label = ...;

header('Content-Type: application/pdf');
header('Content-Disposition: attachment; filename="label.pdf"');
echo $label;
exit;

```

Note: Your framework might already provide a way to output files. Here are a few examples for several popular PHP frameworks:

Symfony

```

<?php

use Symfony\Bundle\FrameworkBundle\Controller\AbstractController;
use Symfony\Component\HttpFoundation\Response;

```

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```

use Symfony\Component\HttpFoundation\ResponseHeaderBag;

class CreateShipmentController extends AbstractController
{
    public function downloadLabelAction()
    {
        // Provide a name for your file with extension
        $filename = 'label.pdf';

        // Create the label
        $label = ...;

        // Return a response with a specific content
        $response = new Response($label);

        // Create the disposition of the file
        $disposition = $response->headers->makeDisposition(
            ResponseHeaderBag::DISPOSITION_ATTACHMENT,
            $filename
        );

        // Set the content type and disposition
        $response->headers->set('Content-Type', 'application/pdf');
        $response->headers->set('Content-Disposition', $disposition);

        // Dispatch request
        return $response;
    }
}

```

Source: <https://ourcodeworld.com/articles/read/329/how-to-send-a-file-as-response-from-a-controller-in-symfony-3>

Laravel

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class DownloadLabelController extends Controller
{
    public function downloadLabelAction(Request $request) {
        // Create the label
        $label = ...;

        return response()
            ->header('Content-Type', 'application/pdf')
            ->header('Content-Disposition', 'attachment; filename="label.pdf"');
    }
}

```

Source: <https://laravel.com/docs/8.x/controllers>

Source: <https://gist.github.com/diegofelix/8863402>

1.4.3 Tracking a shipment

You can track a single shipment by calling `Firstred\PostNL\PostNL::getShippingStatusByBarcode` with the barcode of the shipment.

It accepts the following parameters:

barcode

The actual barcode, for example: 3SABCD1837238723.

complete

Whether the method should return a complete status update. A complete status update contains the shipment history as well.

Code example:

```
<?php

$postnl = new PostNL(...);

$currentStatusResponse = $postnl->getShippingStatusByBarcode(
    barcode: '3SABCD1837238723',
    complete: false,
);
```

1.5 Delivery options

The PostNL API allows you to retrieve a list of predicted timeframes and a list of possible pickup locations. For timeframes you will have to use a certain date range and to get the nearest pickup locations you can use an address or geolocation.

There are two ways to gather timeframes and pickup locations. You can

1. combine the delivery date, timeframe and location webservice
2. or use the checkout service.

The checkout service is currently not supported, but this library contains an easy interface to combine the three separate services listed in this section and provides the same functionality, if not more.

This section lists all the ways in which you can retrieve delivery options, using three webservices. It is possible to request:

1. *Delivery dates* (when a shipment could arrive, given the current shipping date)
2. *Shipping dates* (when a shipment should be dispatched, given the predicted delivery date)
3. *Timeframes*
4. *Nearest locations*
5. *Nearest locations by coordinates*

1.5.1 Checkout

On an e-commerce checkout page you will probably want to show timeframes and/or pickup locations based on the current day and cut-off window. This library provides an interface to easily combine the three webservices required to show all the delivery options. It will simultaneously contact the three webservices and request a list of timeframes and pickup locations based on the given input.

An example of how the interface can be used can be found in the section *Requesting timeframes, locations and the delivery date at once*, part of the *Quickstart* chapter.

1.5.2 Deliverydate webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/deliverydate-webservice>

Use the delivery date webservice to determine the delivery and shipping date. You can use this service to calculate the dates 'live' and to make sure you do not promise your customers any timeframes that are no longer available.

Delivery dates

Here's how you can retrieve the closest delivery date:

```
<?php

use Firstred\PostNL\Entity\CutOffTime;
use Firstred\PostNL\Entity\Request\GetDeliveryDate;

$cutoffTime = '15:00:00';
$dropoffDays = [1 => true, 2 => true, 3 => true, 4 => true, 5 => true, 6 => false, 7 => false];
foreach (range(start: 1, end: 7) as $day) {
    if (isset($dropoffDays[$day])) {
        $cutOffTimes[] = new CutOffTime(
            Day: str_pad(string: $day, length: 2, pad_string: '0', pad_type: STR_PAD_LEFT),
            Time: date(format: 'H:i:00', timestamp: strtotime(datetime: $cutoffTime)),
            Available: true
        );
    }
}

$deliveryDate = $postnl->getDeliveryDate(
    getDeliveryDate: new GetDeliveryDate(
        GetDeliveryDate: new GetDeliveryDate(
            AllowSundaySorting: false,
            CountryCode: 'NL',
            CutOffTimes: $cutOffTimes,
            HouseNr: '66',
            Options: ['Morning', 'Daytime'],
            PostalCode: '2132WT',
            ShippingDate: date(format: 'd-m-Y H:i:s'),
            ShippingDuration: '1',
        ),
    ),
```

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```
    ),  
);
```

The result will be a *GetDeliveryDateResponse*. Calling *getDeliveryDate* on this object will return the delivery date as a string in the *d-m-Y H:i:s* PHP date format.

The function accepts the following arguments

getDeliveryDate

Required: True

The *Firstred\PostNL\Entity\Request\GetDeliveryDate* request object. See the API documentation for the possibilities. As shown in the example you will need to provide as many details as possible to get accurate availability information.

Shipping dates

The Shipping Date service almost works in the same way as the Delivery Date service, except this time you provide the actual delivery date in order to calculate the closest shipping date.

```
<?php  
  
use Firstred\PostNL\Entity\Request\GetSentDate;  
use Firstred\PostNL\Entity\Request\GetSentDateRequest;  
  
$cutoffTime = '15:00:00';  
$deliveryDate = $postnl->getSentDate(  
    getSentDate: new GetSentDateRequest(  
        GetSentDate: new GetSentDate(  
            AllowSundaySorting: false,  
            CountryCode: 'NL',  
            HouseNr: '66',  
            Options: ['Morning', 'Daytime'],  
            PostalCode: '2132WT',  
            DeliveryDate: date(format: 'd-m-Y H:i:s'),  
            ShippingDuration: '1',  
        ),  
    ),  
);
```

The function accepts the following arguments

getSentDate

Required: True

The *Firstred\PostNL\Entity\Request\GetSentDate* request object. See the API documentation for the possibilities. As shown in the example you will need to provide as many details as possible to get accurate availability information.

1.5.3 Timeframe webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/timeframe-webservice>

Timeframes

```
use Firstred\PostNL\Entity\Timeframe;
use Firstred\PostNL\Entity\Request\GetTimeframes;

$deliveryDaysWindow = 7;
$dropoffDelay = 0;

$postnl = new PostNL();

$timeframes = $postnl->getTimeframes(
    getTimeframes: new GetTimeframes(
        timeframes: [
            new Timeframe(
                CountryCode: 'NL',
                EndDate: date(format: 'd-m-Y', timestamp: strtotime(datetime: " +{
↳$deliveryDaysWindow} days +{$dropoffDelay} days")),
                HouseNr: '66',
                Options: ['Daytime', 'Evening'],
                PostalCode: '2132WT',
                SundaySorting: false,
                StartDate: date(format: 'd-m-Y', timestamp: strtotime(datetime: " +1_
↳day +{$dropoffDelay} days")),
            ),
        ],
    ),
);
```

timeframes

Required: True

The `Firstred\PostNL\Entity\Request\GetTimeframes` request object. See the API documentation for more details.

1.5.4 Location webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/location-webservice>

The location service allows you to retrieve a list of locations for the given postcode or coordinates.

Nearest locations

Here's an example of how you can retrieve the nearest location by postcode:

```
<?php

use Firstred\PostNL\Entity\Location;
use Firstred\PostNL\Entity\Request\GetNearestLocations;
use Firstred\PostNL\PostNL;

$postnl->getNearestLocations(
    getNearestLocations: new GetNearestLocations(
        Countrycode: 'NL',
        Location: new Location(
            Postalcode: '2132WT',
            AllowSundaySorting: false,
            DeliveryOptions: ['PG'],
            Options: ['Daytime'],
            HouseNr: '66',
        ),
    ),
);
```

getNearestLocations

Required: True

The *Firstred\PostNL\Entity\Request\GetNearestLocations* request object. See the API documentation for more details.

Nearest locations by coordinates

You can also get the locations by specifying a bounding box. One can be drawn by providing the North-West and South-East corner of the box:

```
<?php

use Firstred\PostNL\Entity\CoordinatesNorthWest;
use Firstred\PostNL\Entity\CoordinatesSouthEast;
use Firstred\PostNL\Entity\Location;
use Firstred\PostNL\Entity\Request\GetLocationsInArea;

$postnl->getLocationsInArea(
    getLocationsInArea: new GetLocationsInArea(
        Countrycode: 'NL',
        Location: new Location(
            AllowSundaySorting: false,
            DeliveryDate: date(format: 'd-m-Y', timestamp: strtotime(datetime: '+1 day
→')),
            DeliveryOptions: ['PG'],
            Options: ['Daytime'],
            CoordinatesNorthWest: new CoordinatesNorthWest(
                Latitude: (string) 52.156439,
                Longitude: (string) 5.015643,
            ),
            CoordinatesSouthEast: new CoordinatesSouthEast(
                Latitude: (string) 52.017473,
                Longitude: (string) 5.065254,
```

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```

        ),
    ),
);

```

This function accepts the arguments:

locationsInArea

Required: True

The `Firstred\PostNL\Entity\Request\GetLocationsInArea` request object. See the API documentation for more details.

1.6 Send and track shipments

Sending shipments can be done in one of two ways:

1. Using the Shipping webservice
2. Using the Barcode, Labelling and Confirming webservice

This library supports both methods. In this sections we'll go through all the available webservices.

1.6.1 Barcode webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/barcode-webservice/overview>

The barcode service allows you to generate barcodes for your shipment labels. Usually you would reserve an amount of barcodes, generate shipping labels and eventually confirm those labels. According to PostNL, this flow is necessary for a higher delivery success rate.

Generate a single barcode

You can generate a single barcode for domestic shipments as follows:

```

<?php
$postnl->generateBarcode();

```

This will generate a 3S barcode meant for domestic shipments only.

The method `Firstred\PostNL\PostNL::generateBarcode` accepts the following arguments:

type

Required: False

Default: 3S

The barcode type. This is 2S/3S for the Netherlands and EU Pack Special shipments. For other destinations this is your GlobalPack barcode type. For more info, check the [PostNL barcode service page](#).

range

Required: False

Default: null

For domestic and EU shipments this is your customer code. Otherwise, your GlobalPack customer code.

serie

Required: False

Default: null

This is the barcode range for your shipment(s). Check the [PostNL barcode service page](#) for the ranges that are available.

eps

Required: False

Default: false

Indicates whether this is an EU Pack Special shipment.

Generate a barcode by country code

It is possible to generate a barcode by country code. This will let the library figure out what type, range, serie to use.

Example:

```
<?php
$postnl->generateBarcodeByCountryCode('BE');
```

This will generate a 3S barcode meant for domestic shipments only.

The method `Firstred\PostNL\PostNL::generateBarcodeByCountryCode` accepts the following arguments:

iso

Required: True

The two letter country ISO-3166 alpha-2 code. Make sure you use UPPERCASE. List of ISO-3166 codes: <https://www.iban.com/country-codes>

Generate multiple barcodes by using country codes

You can generate a whole batch of barcodes at once by providing country codes and the amounts you would like to generate.

Example:

```
<?php
$postnl->generatesBarcodeByCountryCodes(['NL' => 2, 'DE' => 3]);
```

The method `Firstred\PostNL\PostNL::generateBarcodesByCountryCodes` will return a list of barcodes:

```
<?php
[
    'NL' => [
        '3SDEVC1111111111',
        '3SDEVC2222222222',
    ],
    'DE' => [
        '3SDEVC1111111111',
        '3SDEVC2222222222',
        '3SDEVC3333333333',
    ],
]
```

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```
    ],
];
```

The function accepts the following argument:

type

Required: True

This must be an associative array with country codes as key and the amount of barcodes you'd like to generate per country as the value.

1.6.2 Labelling webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/labelling-webservice>

The labelling service allows you to create shipment labels and optionally confirm the shipments. The library has a built-in way to merge labels automatically, so you can request labels for multiple shipments at once.

Generate a single label

The following example generates a single shipment label for a domestic shipment:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\PostNL;

$barcode = '3S...';
$postnl = new PostNL(...);
$postnl->generateLabel(
    Shipment: new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
            new Address(
                AddressType: '02',
                CompanyName: 'PostNL',
                Street: 'Siriusdreef',
                HouseNr: '42',
                Zipcode: '2132WT',
                City: 'Hoofddorp',
```

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```

        Countrycode: 'NL',
    ),
],
Barcode: $barcode,
DeliveryAddress: '01',
Dimension: new Dimension('2000'),
ProductCodeDelivery: '3085',
),
printertype: 'GraphicFile|PDF',
confirm: false
);

```

This will create a standard shipment (product code 3085). You can access the label (base64 encoded PDF) this way:

```

<?php

$pdf = base64_decode($label->getResponseShipments()[0]->getLabels()[0]->getContent());

```

This function accepts the following arguments:

shipment

Required: True

The *Firstred\PostNL\Entity\Shipment* object. Visit the PostNL API documentation to find out what a *Firstred\PostNL\Entity\Shipment* object consists of. The *Firstred\PostNL\Entity\Shipment* object is based on the SOAP API: <https://developer.postnl.nl/browse-apis/send-and-track/labelling-webservice/documentation-soap/>

printerType

Required: True

Default: GraphicFile|PDF

The list of supported printer types can be found on this page: <https://developer.postnl.nl/browse-apis/send-and-track/labelling-webservice/documentation-soap/>

confirm

Required: False

Default: true

Indicates whether the shipment should immediately be confirmed.

Generate multiple shipment labels

The following example shows how a label can be merged:

```

<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Dimension;
use Firstred\PostNL\Entity\Label;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\Enum\LabelPosition;

$postnl = new PostNL(...);

$barcodes = [
    'NL' => ['3S...', '3S...'],

```

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```

];

$shipments = [
    new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Barcode: $barcodes['NL'][0],
        Dimension: new Dimension(Weight: '1000'),
        ProductCodeDelivery: '3085',
    ),
    new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Barcode: $barcodes['NL'][1],
        Dimension: new Dimension(Weight: '1000'),
        ProductCodeDelivery: '3085',
    ),
];

$label = $postnl->generateLabels(
    $shipments,
    'GraphicFile|PDF', // Printertype (only PDFs can be merged -- no need to use the_
    ↪Merged types)
    true, // Confirm immediately
    true, // Merge
    Label::FORMAT_A4, // Format -- this merges multiple A6 labels onto an A4
    [
        LabelPosition::TopLeft->value => true,
        LabelPosition::TopRight->value => true,
        LabelPosition::BottomLeft->value => true,
        LabelPosition::BottomRight->value => true,
    ] // Positions
);

```

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```
file_put_contents('labels.pdf', $label);
```

By setting the *merge* flag it will automatically merge the labels into a PDF string.

The function accepts the following arguments:

shipments

Required: True

An array with *Firstred\PostNL\Entity\Shipment* objects. Visit the PostNL API documentation to find out what a *Firstred\PostNL\Entity\Shipment* object consists of. The *Firstred\PostNL\Entity\Shipment* object is based on the SOAP API: <https://developer.postnl.nl/browse-apis/send-and-track/labelling-webservice/documentation-soap/>

printerType

Required: False

Default: GraphicFile|PDF

The list of supported printer types can be found on this page: <https://developer.postnl.nl/browse-apis/send-and-track/labelling-webservice/documentation-soap/>

confirm

Required: False

Default: true

Indicates whether the shipment should immediately be confirmed.

merge

Required: False

Default: false

This will merge the labels and make the function return a pdf string of the merged label.

format

Required: False

Default: Firstred\PostNL\PostNL::FORMAT_A4

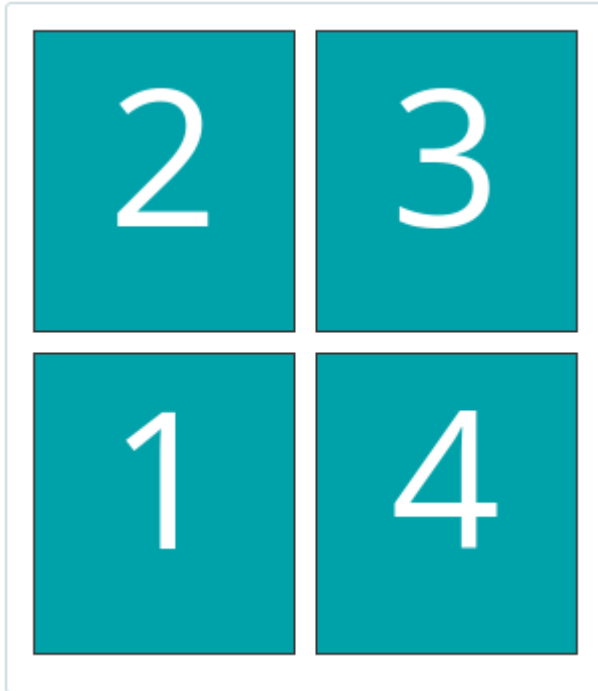
This sets the paper format (can be *Firstred\PostNL\PostNL::FORMAT_A4* or *Firstred\PostNL\PostNL::FORMAT_A6*).

positions

Required: False

Default: [1 => true, 2 => true, 3 => true, 4 => true]

This will set the positions of the labels. The following image shows the available positions, use *true* or *false* to resp. enable or disable a position:



1.6.3 Shipping webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/browse-apis/send-and-track/shipping-webservice/>

The shipping service combines all the functionality of the labeling, confirming, barcode and easy return service. The service is only available as REST.

Send a single shipment

The following example sends a single domestic shipment:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Dimension;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\PostNL;

$postnl = new PostNL(...);
$postnl->sendShipment(
    shipment: new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
```

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```

        HouseNr: '9',
        HouseNrExt: 'a bis',
        Zipcode: '3521VA',
        City: 'Utrecht',
        Countrycode: 'NL',
    ),
    new Address(
        AddressType: '02',
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
],
DeliveryAddress: '01',
Dimension: new Dimension(Weight: '2000'),
ProductCodeDelivery: '3085',
),
printertype: 'GraphicFile|PDF',
confirm: false
);

```

This will create a standard shipment (product code 3085). You can access the label (base64 encoded PDF) this way:

```

<?php

$pdf = base64_decode($shipping->getResponseShipments()[0]->getLabels()[0]->
    ->getContent());

```

This function accepts the following arguments:

shipment

Required: True

The *Firstred\PostNL\Entity\Shipment* object. Visit the PostNL API documentation to find out what a Shipment object consists of.

printertype

Required: False

Default: GraphicFile|PDF

The list of supported printer types can be found on this page: <https://developer.postnl.nl/browse-apis/send-and-track/shipping-webservice/documentation/>

confirm

Required: False

Default: true

Indicates whether the shipment should immediately be confirmed.

Send multiple shipments

The following example shows how labels of multiple shipment labels can be merged:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Dimension;
use Firstred\PostNL\Entity\Label;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\Enum\LabelPosition;
use Firstred\PostNL\PostNL;

$postnl = new PostNL(...);

$shipments = [
    new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Dimension: new Dimension(Weight: '1000'),
        ProductCodeDelivery: '3085',
    ),
    new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
                Street: 'Bilderdijkstraat',
                HouseNr: '9',
                HouseNrExt: 'a bis',
                Zipcode: '3521VA',
                City: 'Utrecht',
                Countrycode: 'NL',
            ),
        ],
        Dimension: new Dimension(Weight: '1000'),
        ProductCodeDelivery: '3085',
    ),
];

$label = $postnl->sendShipments(
    shipments: $shipments,
    printertype: 'GraphicFile|PDF', // Printertype (only PDFs can be merged -- no
    ↪need to use the Merged types)
    confirm: true, // Confirm immediately
```

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```
merge: true, // Merge
format: Label::FORMAT_A4, // Format -- this merges multiple A6 labels onto an A4
positions: [
    LabelPosition::TopLeft->value    => true,
    LabelPosition::TopRight->value   => true,
    LabelPosition::BottomLeft->value => true,
    LabelPosition::BottomRight->value => true,
] // Positions
);

file_put_contents('labels.pdf', $label);
```

By setting the *merge* flag it will automatically merge the labels into a PDF string.

The function accepts the following arguments:

shipments

Required: True

An array with Firstred\Entity\Shipment objects. Visit the PostNL API documentation to find out what a Shipment object consists of.

printertype

Required: False

Default: GraphicFile|PDF

The list of supported printer types can be found on this page: <https://developer.postnl.nl/browse-apis/send-and-track/shipping-webservice/documentation/>

confirm

Required: False

Default: true

Indicates whether the shipment should immediately be confirmed.

merge

Required: False

Default: false

This will merge the labels and make the function return a pdf string of the merged label.

format

Required: False

Default: Firstred\PostNL\PostNL::FORMAT_A4

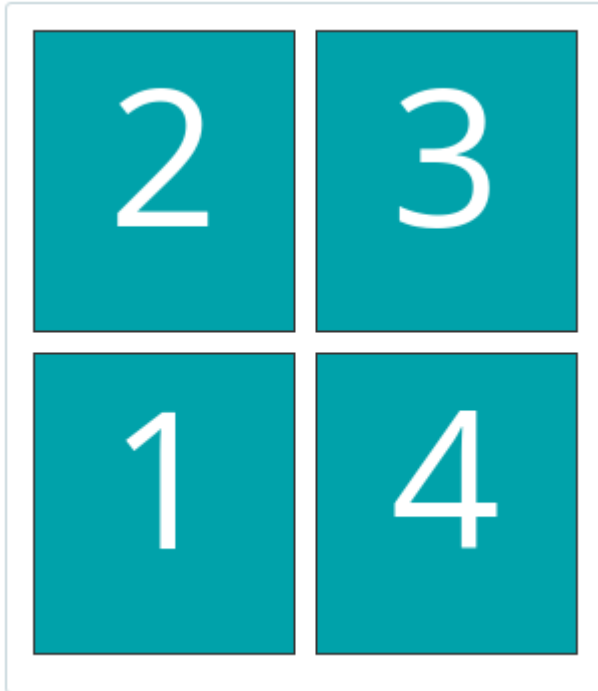
This sets the paper format (can be Firstred\PostNL\PostNL::FORMAT_A4 or Firstred\PostNL\PostNL::FORMAT_A6).

positions

Required: False

Default: [1 => true, 2 => true, 3 => true, 4 => true]

This will set the positions of the labels. The following image shows the available positions, use *true* or *false* to resp. enable or disable a position:



1.6.4 Confirming webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/confirming-webservice>

You can confirm shipments that have previously not been confirmed. Shipments can be confirmed after both the *Labelling webservice* or the *Shipping webservice*.

The available methods are `Firstred\PostNL\PostNL::confirmShipment` and `Firstred\PostNL\PostNL::confirmShipments`. The first method accepts a single `Firstred\PostNL\Entity\Shipment` object whereas the latter accepts an array of `:php:class:Firstred\PostNL\Entity\Shipment`'s.

Example code:

```
<?php

use Firstred\PostNL\Entity\Address;
use Firstred\PostNL\Entity\Dimension;
use Firstred\PostNL\Entity\Shipment;
use Firstred\PostNL\PostNL;

$postnl = new PostNL(...);

$confirmedShipment = $postnl->confirmShipment(
    shipment: new Shipment(
        Addresses: [
            new Address(
                AddressType: '01',
                FirstName: 'Peter',
                Name: 'de Ruijter',
```

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```
        Street: 'Bilderdijkstraat',
        HouseNr: '9',
        HouseNrExt: 'a bis',
        Zipcode: '3521VA',
        City: 'Utrecht',
        Countrycode: 'NL',
    ),
    new Address(
        AddressType: '02',
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
],
Barcode: '3SDEVC201611210',
DeliveryAddress: '01',
Dimension: new Dimension('2000'),
ProductCodeDelivery: '3085',
),
);
```

The output is a `Firstred\PostNL\Entity\Response\ConfirmingResponseShipment` or an array with these objects in case you are confirming multiple shipments. The results array will have the same index keys as the request input.

1.6.5 Shippingstatus webservice

Note:

PostNL API documentation for this service:

<https://developer.postnl.nl/apis/shippingstatus-webservice>

This service can be used to retrieve shipping statuses. For a short update request a *current status*, otherwise *complete status* will provide you with a long list containing the shipment's history.

Current or complete shipping status by barcode

Gets the current or complete status by barcode. A complete status also includes the shipment history.

```
<?php

$postnl = new PostNL(...);
$postnl->getShippingStatusByBarcode('3SDEVC98237423');
```

barcode

Required: True

The barcode, e.g.: 3SDEVC98237423

complete

Required: False

Return the complete shipping status. This includes the shipment history.

Depending on the `complete` parameter this returns a *Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment* or a *Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment* object.

Multiple current or complete shipping statuses by barcodes

Gets multiple current or complete statuses by barcodes. A complete status also includes the shipment history.

```
<?php

$postnl = new PostNL(...);
$postnl->getShippingStatusesByBarcodes(['3SDEVC98237423', '3SDEVC98237423']);
```

barcodes

Required: True

The references, e.g.: ['3SDEVC98237423', '3SDEVC98237423']

complete

Required: False

Return the complete shipping status. This includes the shipment history.

Depending on the `complete` parameter this returns an array with *Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment* or *Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment* objects. The array is an associative array indexed by the given barcodes, e.g.: ['3SDEVC98237423' => CurrentStatusResponseShipment, ...].

Current or complete shipping status by reference

Gets the current or complete status by reference. A complete status also includes the shipment history.

```
<?php

$postnl = new PostNL(...);
$postnl->getShippingStatusByReference('order-12');
```

reference

Required: True

The barcode, e.g.: order-12

complete

Required: False

Return the complete shipping status. This includes the shipment history.

Depending on the `complete` parameter this returns a *Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment* or a *Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment* object.

Multiple current or complete shipping statuses by references

Gets multiple current or complete statuses by references. A complete status also includes the shipment history.

```
<?php
$postnl = new PostNL(...);
$postnl->getShippingStatusesByReferences(['order-12', 'order-16']);
```

barcodes

Required: True

The references, e.g.: ['order-12', 'order-16']

complete

Required: False

Return the complete shipping status. This includes the shipment history.

Depending on the `complete` parameter this returns an array with *Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment* or *Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment* objects. The array is an associative array indexed by the given references, e.g.: ['order-12' => CurrentStatusResponseShipment, ...].

Current status by status code

Warning: This is no longer supported by the PostNL API.

Current status by phase code

Gets the current status by phase code. Note that the date range is required.

Warning: This is no longer supported by the PostNL API

Complete status by status code

Warning: This is no longer supported by the PostNL API.

Complete status by phase code

Warning: This is no longer supported by the PostNL API.

Get a single signature by barcode

Gets the signature of the shipment when available. A signature can be accessed by barcode only.

```
<?php
$postnl = new PostNL(...);
$postnl->getSignatureByBarcode('3SDEVC23987423');
```

It accepts the following arguments

barcode**Required:** True

The shipment's barcode, e.g. 3SDEVC23987423

This method returns a *Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* object. To get the actual signature in binary format you will have to use:

```
<?php

$postnl = new PostNL(...);

$getSignatureResponseSignature = $postnl->getSignatureByBarcode('3SDEVC23987423');
$content = base64_decode($getSignatureResponseSignature->getSignatureImage());

header('Content-Type: image/gif');
echo $content;
exit;
```

Get multiple signatures by barcodes

Gets multiple signatures of multiple shipments, when available.

```
<?php

$postnl = new PostNL(...);
$postnl->getSignaturesByBarcodes(['3SDEVC23987423', '3SDEVC23987425']);
```

It accepts the following arguments

barcodes**Required:** True

An array of barcodes, e.g. ['3SDEVC23987423', '3SDEVC23987425'].

It returns an array of *Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* objects. To get the image data out of these objects, see *Get a single signature by barcode*.

1.7 Exception handling

The following tree view describes how the exceptions used in this library depend on each other.

```
. Exception : Throwable
├── Firstred\PostNL\Exception\PostNLException
│   ├── Firstred\PostNL\Exception\ApiException
│   │   ├── Firstred\PostNL\Exception\ApiConnectionException
│   │   ├── Firstred\PostNL\Exception\CifDownException
│   │   ├── Firstred\PostNL\Exception\CifException
│   │   ├── Firstred\PostNL\Exception\NotFoundException
│   │   ├── Firstred\PostNL\Exception\ResponseException
│   │   └── Firstred\PostNL\Exception\ShipmentNotFoundException
│   ├── Firstred\PostNL\Exception\HttpClientException
│   └── Firstred\PostNL\Exception\InvalidArgumentException
│       ├── Firstred\PostNL\Exception\InvalidBarcodeException
│       ├── Firstred\PostNL\Exception\InvalidConfigurationException
│       ├── Firstred\PostNL\Exception\InvalidMethodException
│       ├── Firstred\PostNL\Exception\NotImplementedException
│       └── Firstred\PostNL\Exception\NotSupportedException
```

1.7.1 Exception types

This library throws several exceptions for errors that can occur. In order to provide harmonized error handling for different API modes, several implementation details are left out. For example, errors related to XML or JSON parsing are wrapped in a *Firstred\PostNL\Exception\ResponseException* exception.

If you want to catch all exceptions thrown by this library be sure to catch *Firstred\PostNL\Exception\PostNLException*s. Under normal conditions there is no need to catch all *Throwable*s. If any other *Throwable* such as *Error*, *TypeError* or *PsrCacheInvalidArgumentException* is uncaught, it means that there is a bug somewhere in the library. Please file a new issue with all the details you can find (preferably with the original request/response [be sure to scrub personal data]): <https://github.com/firstred/postnl-api-php/issues/new>.

```
use Firstred\PostNL\Exception\PostNLException;
use Psr\Cache\InvalidArgumentException as PsrCacheInvalidArgumentException;

try {
    $postnl->getTimeframes(...);
} catch (PostNLException $e) {
    // ...
}
```

Firstred\PostNL\Exception\ApiException

This groups of exceptions occurs when there is something wrong with the way the API returns an object (likely an unsupported feature or structure), when the API has trouble processing data, is either down or the requested object could not be found.

deprecated Firstred\PostNL\Exception\ApiConnectionException

This happens when the HTTP client has a problem connecting with the API. This exception has been replaced by the *Firstred\PostNL\Exception\HttpClientException* exception, which allows you to gather more detailed information.

Firstred\PostNL\Exception\CifDownException

This exception is thrown when the CIF API is down.

Firstred\PostNL\Exception\CifException

When the CIF API itself has a fatal error this exception is thrown.

Firstred\PostNL\Exception\NotFoundException

This exception is thrown when the requested object could not be found.

Firstred\PostNL\Exception\ResponseException

This exception is thrown when a response could not be understood by the library. If there was a problem parsing the response, the previous argument might point at the underlying error.

deprecated

Required: False

deprecated Firstred\PostNL\Exception\ShipmentNotFoundException

Occurs when the requested *Firstred\PostNL\Entity\Shipment* or *Firstred\PostNL\Entity\Response\ResponseShipment* object could not be found. This exception is deprecated and being replaced by a *Firstred\PostNL\Exception\NotFoundException*.

Firstred\PostNL\Exception\HttpClientException

All exceptions that occur in underlying HTTP Clients are handled by *Firstred\PostNL\Exception\HttpClientException* s.

Firstred\PostNL\Exception\InvalidArgumentException

Invalid inputs are handled by the group of *Firstred\PostNL\Exception\InvalidArgumentException* exceptions.

deprecated Firstred\PostNL\Exception\InvalidApiModeException

When an invalid API mode is selected, this exception is thrown. This exception is deprecated, because the ability to select an API mode will be removed in the future.

Firstred\PostNL\Exception\InvalidBarcodeException

This exception is thrown when there is a problem with generating a barcode. Usually caused by invalid input.

Firstred\PostNL\Exception\InvalidConfigurationException

When a problem occurs due to configuration errors, this exception is thrown. For example, an invalid API key.

Firstred\PostNL\Exception\InvalidMethodException

This happens when an invalid method has been called.

`Firstred\PostNL\Exception\NotImplementedException`

When a feature has not been implemented, yet, you will see this exception thrown.

`Firstred\PostNL\Exception\NotSupportedException`

This occurs when a feature is not supported.

1.8 Formats

The API can be very inconsistent when it comes to returning times and dates, for example. To standardize how some fields are handled, the library uses different formats.

1.8.1 Dates, Times and DateTimes

This library makes a distinction between Dates, Times and DateTimes. To normalize moments in time, this package returns `DateTimeImmutable` objects when referring to a single point in time and uses strings for times.

The following definitions and formats are used:

Dates

Dates refer to a specific moment in time; not specifying the time. Can be formatted as `2020-02-03`. Is always a `DateTimeImmutable` object.

Times

Times refer to a certain moment on any given day. Can be formatted as `12:12:12`. Is always a string and should always be formatted using the following [PHP date format](#): `H:i:s` (Hours, minutes and seconds with leading zeros).

DateTimes

DateTimes are referring to a specific date and time. They can be formatted for example as `2021-02-03 12:12:12`. Is always a `DateTimeImmutable` object.

Note: Every `DateTimeImmutable` object and time string returned by the library is adjusted to the timezone of the PostNL API (Europe/Amsterdam). Make sure your timezone is aligned correctly, or otherwise convert dates and times manually by adding/subtracting the time difference.

You can check your PHP's configured timezone by printing the `date.timezone` setting:

```
die(ini_get('date.timezone'));
```

1.8.2 SOAP object structure

Sometimes you will notice that the REST API documentation might return property names in singular whereas the library returns the plural version of a property. This is caused by the fact that the SOAP API returns most properties in plural format. An example is the shipping status service when requesting the current status of a shipment. The SOAP API would return an `addresses` property whereas REST returns `address`. This is automatically converted to the `Firstred\PostNL\Entity\Shipment::$Addresses` property by this library. Therefore, when in doubt, you can safely assume that plural is used.

1.9 HTTP Client

This library supports almost all available HTTP clients. There are several ways to configure the HTTP client that should be used.

If not passed to the `Firstred\PostNL\PostNL` constructor or set with the `Firstred\PostNL\PostNL::setHttpClient` method, the library will automatically check if HTTP clients are available in the following order:

1. Guzzle client
2. HTTPPlug client, an Asynchronous HTTP client, PSR-18 HTTP clients
3. Built-in cURL client

1.9.1 Setting the HTTP client manually

By default the library will use cURL or Guzzle when available. You can always switch HTTP clients as follows:

```
<?php
$postnl = new PostNL(...);
$postnl->setHttpClient(\Firstred\PostNL\HttpClient\CurlClient::getInstance());
```

You can create a custom HTTP Client by implementing the `\Firstred\PostNL\HttpClient\ClientInterface` interface.

1.9.2 Setting the HTTP client with HTTPPlug

Using auto-discovery with HTTPPlug.

The following packages are required if you want to use HTTPPlug:

```
composer require php-http/discovery php-http/httpplug php-http/message-factory psr/
↳http-factory
```

HTTPPlug + Symfony HTTP Client example

This package already requires a Message factory and HTTP factory implementation (`guzzlehttp/psr7`), so all we need to do is to install the client and its requirements according to the [official Symfony documentation](#):

```
composer require symfony/http-client
```

If you haven't installed Guzzle itself, this library should now auto-detect the Symfony HTTP Client and use it through the HTTPPlug bridge.

If you have installed Guzzle already, then you can still configure the PostNL library to use the Symfony HTTP Client. To do this, pass the new client to the `Firstred\PostNL\PostNL` constructor or `Firstred\PostNL\PostNL::setHttpClient` method. Example:

```
<?php
use Symfony\Component\HttpClient\HttpplugClient;
use Firstred\PostNL\HttpClient\HTTPPlugClient;

$symfonyClient = new HttpplugClient();

$httpPlugBridgeClient = new HTTPPlugClient($symfonyClient);

$postnl = new PostNL($customer, null, $httpClient);
```

Note:

A list of HTTP Client supported by HTTPPlug can be found on the following page:

<https://docs.php-http.org/en/latest/clients.html>

1.10 Caching

PSR-6 caching is supported, which means you can grab any caching library for PHP that you like and plug it right into this library. Make sure you install a PSR-20 clock implementation as well, e.g.:

```
composer require symfony/cache symfony/clock
```

Note that not all services can be cached. At the moment cacheable services are:

- Timeframes webservice
- Location webservice
- DeliveryDate webservice
- ShippingStatus webservice

To enable caching for a certain service you can use the following:

```
<?php

use Symfony\Component\Clock\NativeClock;
use Symfony\Component\Cache\Adapter\FilesystemAdapter;

$postnl = new PostNL(...);

$deliveryDateService = $postnl->getDeliveryDateService();

// Set a clock first or else it will be automatically set to :php:class:`Symfony\
↳Component\Clock\NativeClock` when available.
$clock = new NativeClock();
$deliveryDateService->clock = $clock;

// Cache in the `cache` folder relative to this directory
$cache = new FilesystemAdapter(directory: __DIR__.'cache/');
$deliveryDateService->cache = $cache;

// Set a TTL of 600 seconds
$deliveryDateService->ttl = 600;

// Using a DateInterval (600 seconds)
$deliveryDateService->ttl = new DateInterval('PT600S');

// Setting a deadline instead, useful for the delivery date service, so you can cache_
↳until the cut-off-time
$cutOffTime = '18:00:00';

// You can also dynamically retrieve this from a request entity:
// $cutOffTime = $getDeliveryDateRequest->getCutOffTimes()[1]; // Monday cut-off time

$deliveryDateService->ttl = new DateTime('18:00:00');
```

Here's a full (recommended) example for all services:

```

<?php

use Symfony\Component\Clock\NativeClock;
use Symfony\Component\Cache\Adapter\FilesystemAdapter;

$cutOffTimeToday = '18:00:00';

$postnl = new PostNL(...);

$deliveryDateService = $postnl->getDeliveryDateService();
$timeframesService = $postnl->getTimeframesService();
$locationService = $postnl->getLocationService();
$shippingStatusService = $postnl->getDeliveryDateService();

// Set a clock first or else it will be automatically set to :php:class:`Symfony\
↳Component\Clock\NativeClock` when available.
$clock = new NativeClock();

// Cache in the `cache` folder relative to this directory
$cache = new FilesystemAdapter(directory: __DIR__ . '/cache/');

$deliveryDateService->clock = $clock;
$deliveryDateService->cache = $cache;
$deliveryDateService->ttl = new DateTime($cutOffTimeToday);

$timeframesService->clock = $clock;
$timeframesService->cache = $cache;
$timeframesService->ttl = new DateTime($cutOffTimeToday);

$locationService->clock = $clock;
$locationService->cache = $cache;
$locationService->ttl = new DateTime('23:59:59');

$shippingStatusService->clock = $clock;
$shippingStatusService->cache = $cache;
$shippingStatusService->ttl = 5 * 60; // Prevent hitting the rate-limit by retrieving_
↳updates at most every 5 minutes

```

Note: This example used the Symfony (filesystem) cache. An extensive list of supported caches can be found on [this page](#).

1.11 Logging

Requests and responses can be logged for debugging purposes. In order to enable logging you will need to pass a PSR-3 compatible logger.

```

<?php

use Monolog\Handler\StreamHandler;
use Monolog\Level;
use Monolog\Logger;

$logger = new Logger(name: 'postnl_client');

```

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```
// Set the filename format, we're creating one file for every minute of request/  
↪responses  
$debugHandler = new StreamHandler(stream: __DIR__.' /logs/'.date(format: 'Y-m-d H:i').  
↪'.log', level: Level::Debug);  
$formatter = new Monolog\Formatter\LineFormatter(  
    format: null, // Format of message in log, default [%datetime  
↪%] %channel%.%level_name%: %message% %context% %extra%\n  
    dateFormat: null, // Datetime format  
    allowInlineLineBreaks: true, // allowInlineLineBreaks option, default false  
    ignoreEmptyContextAndExtra: true // ignoreEmptyContextAndExtra option, default_  
↪false  
);  
$debugHandler->setFormatter(formatter: $formatter);  
$logger->pushHandler(handler: $debugHandler);  
  
// Set this logger for all services at once  
$postnl->setLogger($logger);  
  
// Set the logger for just the Labelling service  
$postnl->getLabellingService()->setLogger($logger);
```

Note: This example used the Monolog logger. You can use any logger you like, as long as it implements the PSR-3 standard. To log all responses the level needs to be set at Debug. For error responses you can set the debug level to Error.

1.12 Advanced usage

This section describes more advanced ways to use this library. The main class `Firstred\PostNL\PostNL` and separate service classes (such as `Firstred\PostNL\Service\BarcodeService`) provide more ways to interact with the API.

1.12.1 Object instantiation

There are four ways in which entities can be instantiated. Either by

1. passing all arguments to the constructor in the right order
2. or using named parameters,
3. invoking the `create` method on an entity (deprecated)
4. or by instantiating an empty entity and calling the setters one by one.

Which method to use is entirely up to you. They are all supported by the library.

However, if you use an IDE with code completion then the safest ways to use are (2) using named parameters (PHP 8) or by calling the setters (4), one by one.

Even without using an editor with code completion you might benefit from using methods (2) and (4) since you will be able to detect errors earlier in the process.

1 - Constructor

```
// Your PostNL credentials
$customer = new Customer(
    '11223344',
    'DEVC',
    '123456',
    'Sander',
    'test@voorbeeld.nl',
    'Michael',
    new Address(
        '02',
        'PostNL',
        'Siriusdreef',
        '42',
        '2132WT',
        'Hoofddorp',
        'NL',
    ),
);
```

2 - Constructor named args

```
// Your PostNL credentials
$customer = new Customer(
    CustomerNumber: '11223344',
    CustomerCode: 'DEVC',
    CollectionLocation: '123456',
    ContactPerson: 'Sander',
    Email: 'test@voorbeeld.nl',
    Name: 'Michael',
    Address: new Address(
        AddressType: '02',
        CompanyName: 'PostNL',
        Street: 'Siriusdreef',
        HouseNr: '42',
        Zipcode: '2132WT',
        City: 'Hoofddorp',
        Countrycode: 'NL',
    ),
);
```

3 - Create (deprecated)

```
$customer = Customer::create([
    'CustomerNumber' => '11223344',
    'CustomerCode' => 'DEVC',
    'CollectionLocation' => '123456',
    'ContactPerson' => 'Sander',
    'Email' => 'test@voorbeeld.nl',
    'Name' => 'Michael',
    'Address' => Address::create([
        'AddressType' => '02',
        'CompanyName' => 'PostNL',
        'Street' => 'Siriusdreef',
        'HouseNr' => '42',
        'Zipcode' => '2132WT',
        'City' => 'Hoofddorp',
        'Countrycode' => 'NL',
    ])
]);
```

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```
    ]),
  ]);
```

4 - Setters

```
$customer = (new Customer())
->setCustomerNumber('11223344')
->setCustomerCode('DEVC')
->setCollectionLocation('123456')
->setContactPerson('Sander')
->setEmail('test@voorbeeld.nl')
->setName('Michael')
->setAddress((new Address())
->setAddressType('02')
->setCompanyName('PostNL')
->setStreet('Siriusdreef')
->setHouseNr('42')
->setZipcode('2132WT')
->setCity('Hoofddorp')
->setCountrycode('NL')
);
```

1.12.2 Building requests manually

For most cases using the API through the (*Firstred\PostNL\PostNL*) object would be sufficient. There might be times, however, when the main class does not align with your use case. This section aims to describe the process that is involved in creating requests, sending them and processing the responses.

Interacting with the API through this library

In the above-mentioned merged label example we are passing two *Firstred\PostNL\Entity\Shipment* objects, filled with the needed information to generate the labels. To merge those labels manually, we have to set the merge option to false and can omit both the `format` and `positions` parameters. This will in turn make the library return *Firstred\PostNL\Entity\Response\GenerateLabelResponse* objects.

These are in line with the *Firstred\PostNL\Entity\Response\GenerateLabelResponse* nodes generated by the SOAP API, even when using the REST API. The main reason for this standardization is that the initial version of this library was built for the SOAP API. If you need a quick reference of the *Firstred\PostNL\Entity\Response\GenerateLabelResponse* object, you can either look up the code of the *GenerateLabelResponse* class or navigate to the [API documentation](#) directly.

Sending concurrent requests manually

There is no direct need to manually handle concurrent requests. This library handles most cases automatically and even provides a special function to quickly grab timeframe and location data for frontend delivery options widgets.

In case you manually want to send a custom mix of requests, you can look up the corresponding functions in the Service class of your choice and call the `buildXXXXXXRequest()` functions of a request builder class implementing *Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder* manually. Thanks to the PSR-7 standard used by this library you can use the `Psr\Http\Message\RequestInterface` object that is returned to access the full request that would otherwise be sent directly. To pick up where you left off you can then grab the response and pass it to one of the `processXXXXXXResponse()` functions of the corresponding class implementing *Firstred\PostNL\Service\ResponseProcessor\AbstractResponseProcessor*. The easiest method is to grab the raw HTTP message and parse it with the included PSR-7 library. An example can be found in the [cURL client](#).

Processing Response objects

Note: This section refers to Response entities returned by the library, not the standardized PSR-7 messages.

As soon as you've done your first request with this library, you will find that it returns a response entity (`Firstred\PostNL\Entity\Response` namespace). As mentioned in the *Building Requests* section, these response entities are based on the SOAP API, regardless of the mode set. The properties of a response entity can be looked up in the code, but it can be a bit confusing at times, since the Response object will likely not contain all properties at once. It often depends on the context of the request. For this reason, you're better off by having a look at the [API documentation](#) directly or by checking out some of the examples in this documentation.

1.13 Migrating from v1 to v2

Version 2 of the library has largely stayed compatible with version 1 of the library. Notable changes are the removal of support for the SOAP API and requiring PHP 8.1 as a minimum. It also reintroduces caching.

In order to upgrade, you can follow this guideline, with the help of an IDE:

- Upgrade to the latest version *v1.x.x* and check for deprecation notices. Avoid anything that is deprecated.
- HTTP clients have changed. If you relied on the HTTPPlug client, you will have to either switch to the PSR-18 HTTP client or Async HTTP client. This is due to the deprecation of the synchronous part of the HTTPPlug client.
- If you're using named arguments, check the differences between v1 and v2. There are small, but breaking changes due to different names and or parameter orders.
- Else, if you are not using named arguments, check the parameter orders. This is best done with an IDE with first-class support for PHP.
- If your code is interacting with the internal service classes directly, look for alternatives. You can now use request builders and response processors if you have to. Check the *advanced usage* section for more details.

1.14 API Reference

`\Firstred\PostNL`

1.14.1 Namespaces

Attribute

`\Firstred\PostNL\Attribute`

Classes

SerializableProperty

```
class Firstred\PostNL\Attribute\SerializableProperty
```

Summary

Methods

- `public __construct($type, $isArray, $aliases, $supportedServices)`

Methods

```
public Firstred\PostNL\Attribute\SerializableProperty::__construct( $type, $isArray=false,  
                                                                    $aliases=\\, $support-  
                                                                    edServices=\\)
```

This indicates that the given property is serializable. All serialization details should be passed to the attribute, making it completely serializable without relying on reflection of the property itself.

Parameters

- **\$type** (class-string | "bool" | "int" | "float" | "string") Property type
- **\$isArray** (bool) Should the property be an array
- **\$aliases** (string[]) Property shortname aliases such as *Address*
- **\$supportedServices** (class-string[]) Supported services, empty array = all

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

Cache

`\Firstred\PostNL\Cache`

Interfaces

CacheableRequestEntityInterface

```
interface Firstred\PostNL\Cache\CacheableRequestEntityInterface
```

Summary

Methods

- `public getCacheKey()`

Methods

public Firstred\PostNL\Cache\CacheableRequestEntityInterface::getCacheKey()

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

CacheableServiceInterface

interface Firstred\PostNL\Cache\CacheableServiceInterface

Parent *Firstred\PostNL\Service\ServiceInterface*

Parent *Firstred\PostNL\Clock\ClockAwareInterface*

Summary

Methods

- *public cacheResponseItem(\$item)*
- *public retrieveCachedResponseItem(\$cacheableRequestEntity)*
- *public removeCachedResponseItem(\$item)*
- *public getTtl()*
- *public setTtl(\$ttl)*
- *public getCache()*
- *public setCache(\$cache)*

Methods

public Firstred\PostNL\Cache\CacheableServiceInterface::cacheResponseItem(\$item)

Cache an item.

Parameters

- **\$item** (Psr\Cache\CacheItemInterface)

Since 2.0.0

public Firstred\PostNL\Cache\CacheableServiceInterface::retrieveCachedResponseItem(\$cacheableRequestEntity)

Retrieve a cached item.

Parameters

- **\$cacheableRequestEntity** (*Firstred\PostNL\Cache\CacheableRequestEntityInterface*)

Returns \Psr\Cache\CacheItemInterface | null

Throws \Psr\Cache\InvalidArgumentException

Since 2.0.0

```
public Firstred\PostNL\Cache\CacheableServiceInterface::removeCachedResponseItem($item)
```

Delete an item from cache.

Parameters

- **\$item** (Psr\Cache\CacheItemInterface)

Since 2.0.0

```
public Firstred\PostNL\Cache\CacheableServiceInterface::getTtl()
```

Returns \DateInterval | \DateTimeInterface | int | null

Since 1.2.0

```
public Firstred\PostNL\Cache\CacheableServiceInterface::setTtl(\DateInterval|\DateTimeInterface|int  
$ttl=null)
```

Parameters

- **\$ttl** (DateInterval | \DateTimeInterface | int | null)

Returns static

Since 1.2.0

```
public Firstred\PostNL\Cache\CacheableServiceInterface::getCache()
```

Returns \Psr\Cache\CacheItemPoolInterface | null

Since 1.2.0

```
public Firstred\PostNL\Cache\CacheableServiceInterface::setCache($cache=null)
```

Parameters

- **\$cache** (Psr\Cache\CacheItemPoolInterface | null)

Returns static

Since 1.2.0

Clock

\Firstred\PostNL\Clock

Interfaces

ClockAwareInterface

```
interface Firstred\PostNL\Clock\ClockAwareInterface
```

Summary

Methods

- `public getClock()`
- `public setClock($clock)`

Methods

public Firstred\PostNL\Clock\ClockAwareInterface::getClock()

Get the current clock.

Returns \Psr\Clock\ClockInterface

Since 2.0.0

public Firstred\PostNL\Clock\ClockAwareInterface::setClock(*\$clock*)

Set the current clock.

Parameters

- **\$clock** (Psr\Clock\ClockInterface)

Returns void

Since 2.0.0

Traits

ClockAwareTrait

trait Firstred\PostNL\Clock\ClockAwareTrait

Properties

private static property Firstred\PostNL\Clock\ClockAwareTrait::\$clock

Methods

public Firstred\PostNL\Clock\ClockAwareTrait::getClock()

Get the current clock.

Returns \Psr\Clock\ClockInterface

Since 2.0.0

public Firstred\PostNL\Clock\ClockAwareTrait::setClock(*\$clock*)

Set the current clock.

Parameters

- **\$clock** (Psr\Clock\ClockInterface)

Returns void

Since 2.0.0

Entity

\Firstred\PostNL\Entity

Namespaces

Message

\Firstred\PostNL\Entity\Message

Classes

LabellingMessage

class Firstred\PostNL\Entity\Message\LabellingMessage

Parent *Firstred\PostNL\Entity\Message\Message*

Summary

Methods

- *public __construct(\$Printertype, \$MessageID, \$MessageTimeStamp)*
- *public getPrintertype()*
- *public setPrintertype(\$Printertype)*

Properties

protected static property

Firstred\PostNL\Entity\Message\LabellingMessage::\$Printertype

Type string | null

Methods

```
public Firstred\PostNL\Entity\Message\LabellingMessage::__construct($Printertype='GraphicFile\PDF',  
                                                                    $MessageID=null,  
                                                                    string\DateTimeInterface|null  
                                                                    $MessageTimeS-  
                                                                    tamp=null)
```

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

```
public Firstred\PostNL\Entity\Message\LabellingMessage::getPrintertype()
```

Returns string | null

public Firstred\PostNL\Entity\Message\LabellingMessage::setPrintertype(*\$Printertype*)

Parameters

- **\$Printertype** (string | null)

Returns static

Message

class Firstred\PostNL\Entity\Message\Message

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$MessageID, \$MessageTimeStamp)*
- *public getMessageID()*
- *public setMessageID(\$MessageID)*
- *public getMessageTimeStamp()*
- *public setMessageTimeStamp(\$MessageTimeStamp)*

Properties

protected static property Firstred\PostNL\Entity\Message\Message::\$MessageID

Type string | null

protected static property Firstred\PostNL\Entity\Message\Message::\$MessageTimeStamp

Type \DateTimeInterface | null

Methods

public Firstred\PostNL\Entity\Message\Message::__construct(*\$MessageID=null*,
string|\DateTimeInterface|null
\$MessageTimeStamp=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\Entity\Message\Message::getMessageID()

Returns string | null

public Firstred\PostNL\Entity\Message\Message::setMessageID(*\$MessageID*)

Parameters

- **\$MessageID** (string | null)

Returns static

public Firstred\PostNL\Entity\Message\Message::getMessageTimeStamp()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Message\Message::setMessageTimeStamp(*string*|\DateTimeInterface|null
\$MessageTimeStamp=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Request

\Firstred\PostNL\Entity\Request

Classes

GetLocation

class Firstred\PostNL\Entity\Request\GetLocation

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public* __construct(\$LocationCode, \$Message, \$RetailNetworkID)
- *public* getLocationCode()
- *public* setLocationCode(\$LocationCode)
- *public* getMessage()
- *public* setMessage(\$Message)
- *public* getRetailNetworkID()
- *public* setRetailNetworkID(\$RetailNetworkID)
- *public* getCacheKey()

Properties

protected static property Firstred\PostNL\Entity\Request\GetLocation::\$LocationCode

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetLocation::\$Message

Type \Firstred\PostNL\Entity\Message\Message | null

protected static property Firstred\PostNL\Entity\Request\GetLocation::\$RetailNetworkID

Type string | null

Methods

```
public Firstred\PostNL\Entity\Request\GetLocation::__construct($LocationCode=null,
                                                             $Message=null,
                                                             $RetailNetworkID=null)
```

Parameters

- **\$LocationCode** (string | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)
- **\$RetailNetworkID** (string | null)

```
public Firstred\PostNL\Entity\Request\GetLocation::getLocationCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetLocation::setLocationCode($LocationCode)
```

Parameters

- **\$LocationCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocation::getMessage()
```

Returns *Firstred\PostNL\Entity\Message\Message* | null

```
public Firstred\PostNL\Entity\Request\GetLocation::setMessage($Message)
```

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocation::getRetailNetworkID()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetLocation::setRetailNetworkID($RetailNetworkID)
```

Parameters

- **\$RetailNetworkID** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocation::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

GetSignature

class Firstred\PostNL\Entity\Request\GetSignature

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Shipment, \$Customer, \$Message)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getShipment()*
- *public setShipment(\$Shipment)*
- *public getCacheKey()*

Properties

protected static property Firstred\PostNL\Entity\Request\GetSignature::\$Message

Type *\Firstred\PostNL\Entity\Message\Message* | null

protected static property Firstred\PostNL\Entity\Request\GetSignature::\$Customer

Type *\Firstred\PostNL\Entity\Customer* | null

protected static property Firstred\PostNL\Entity\Request\GetSignature::\$Shipment

Type *\Firstred\PostNL\Entity\Shipment* | null

Methods

public Firstred\PostNL\Entity\Request\GetSignature::__construct(*\$Shipment=null,*
\$Customer=null,
\$Message=null)

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

public Firstred\PostNL\Entity\Request\GetSignature::getMessage()

Returns *\Firstred\PostNL\Entity\Message\Message* | null

public Firstred\PostNL\Entity\Request\GetSignature::setMessage(*\$Message*)

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSignature::getCustomer()
```

Returns *\Firstred\PostNL\Entity\Customer* | null

```
public Firstred\PostNL\Entity\Request\GetSignature::setCustomer($Customer)
```

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSignature::getShipment()
```

Returns *\Firstred\PostNL\Entity\Shipment* | null

```
public Firstred\PostNL\Entity\Request\GetSignature::setShipment($Shipment)
```

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSignature::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string**GetSentDate**

```
class Firstred\PostNL\Entity\Request\GetSentDate
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary**Methods**

- *public __construct(\$AllowSundaySorting, \$City, \$CountryCode, \$HouseNr, \$HouseNrExt, \$Options, \$PostalCode, \$DeliveryDate, \$Street, \$ShippingDuration)*
- *public getCity()*
- *public setCity(\$City)*
- *public getCountryCode()*
- *public setCountryCode(\$CountryCode)*
- *public getHouseNr()*
- *public setHouseNr(\$HouseNr)*

- `public getHouseNrExt()`
- `public setHouseNrExt($HouseNrExt)`
- `public getOptions()`
- `public setOptions($Options)`
- `public getShippingDuration()`
- `public setShippingDuration($ShippingDuration)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getAllowSundaySorting()`
- `public getDeliveryDate()`
- `public getPostalCode()`
- `public setDeliveryDate($deliveryDate)`
- `public setPostalCode($postcode)`
- `public setAllowSundaySorting($AllowSundaySorting)`

Properties

protected static property

Firstred\PostNL\Entity\Request\GetSentDate::\$AllowSundaySorting

Type bool | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$City

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$CountryCode

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$DeliveryDate

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$HouseNr

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$HouseNrExt

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$Options

Type string[] | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$PostalCode

Type string | null

protected static property

Firstred\PostNL\Entity\Request\GetSentDate::\$ShippingDuration

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetSentDate::\$Street

Type string | null

Methods

```
public Firstred\PostNL\Entity\Request\GetSentDate::__construct($AllowSundaySorting=false,  
    $City=null,  
    $CountryCode=null,  
    $HouseNr=null,  
    $HouseNrExt=null,  
    $Options=null,  
    $PostalCode=null, \DateTimeInterface|string|null  
    $DeliveryDate=null,  
    $Street=null,  
    $ShippingDuration=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

```
public Firstred\PostNL\Entity\Request\GetSentDate::getCity()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetSentDate::setCity($City)
```

Parameters

- **\$City** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSentDate::getCountryCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetSentDate::setCountryCode($CountryCode)
```

Parameters

- **\$CountryCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSentDate::getHouseNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetSentDate::setHouseNr($HouseNr)
```

Parameters

- **\$HouseNr** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetSentDate::getHouseNrExt()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetSentDate::setHouseNrExt($HouseNrExt)
```

Parameters

- **\$HouseNrExt** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetSentDate::getOptions()

Returns array | null

public Firstred\PostNL\Entity\Request\GetSentDate::setOptions(*\$Options*)

Parameters

- **\$Options** (array | null)

Returns static

public Firstred\PostNL\Entity\Request\GetSentDate::getShippingDuration()

Returns string | null

public Firstred\PostNL\Entity\Request\GetSentDate::setShippingDuration(*\$ShippingDuration*)

Parameters

- **\$ShippingDuration** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetSentDate::getStreet()

Returns string | null

public Firstred\PostNL\Entity\Request\GetSentDate::setStreet(*\$Street*)

Parameters

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetSentDate::getAllowSundaySorting()

Returns bool | null

public Firstred\PostNL\Entity\Request\GetSentDate::getDeliveryDate()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Request\GetSentDate::getPostalCode()

Returns string | null

public Firstred\PostNL\Entity\Request\GetSentDate::setDeliveryDate(*string*|\DateTimeInterface|null
\$deliveryDate=null)

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

Since 1.2.0

public Firstred\PostNL\Entity\Request\GetSentDate::setPostalCode(*\$postcode=null*)

Parameters

- **\$postcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetSentDate::**setAllowSundaySorting**(*string|bool|int|null \$AllowSundaySorting=null*)

Since 1.0.0

Since 1.0.0

GetLocationsInArea

class Firstred\PostNL\Entity\Request\GetLocationsInArea

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Countrycode, \$Location, \$Message)*
- *public getCountrycode()*
- *public setCountrycode(\$Countrycode)*
- *public getLocation()*
- *public setLocation(\$Location)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCacheKey()*

Properties

protected static property

Firstred\PostNL\Entity\Request\GetLocationsInArea::\$Countrycode

Type *string | null*

protected static property Firstred\PostNL\Entity\Request\GetLocationsInArea::\$Location

Type *\Firstred\PostNL\Entity\Location | null*

protected static property Firstred\PostNL\Entity\Request\GetLocationsInArea::\$Message

Type *\Firstred\PostNL\Entity\Message\Message | null*

Methods

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::__construct($Countrycode=null,  
                                                                    $Location=null,  
                                                                    $Message=null)
```

Parameters

- **\$Countrycode** (string | null)
- **\$Location** (*Firstred\PostNL\Entity\Location* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::getCountrycode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::setCountrycode($Countrycode)
```

Parameters

- **\$Countrycode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::getLocation()
```

Returns *\Firstred\PostNL\Entity\Location* | null

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::setLocation($Location)
```

Parameters

- **\$Location** (*Firstred\PostNL\Entity\Location* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::getMessage()
```

Returns *\Firstred\PostNL\Entity\Message\Message* | null

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::setMessage($Message)
```

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetLocationsInArea::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

GetNearestLocations

class Firstred\PostNL\Entity\Request\GetNearestLocations

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Countrycode, \$Location, \$Message)*
- *public getCountrycode()*
- *public setCountrycode(\$Countrycode)*
- *public getLocation()*
- *public setLocation(\$Location)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCacheKey()*

Properties

protected static property

Firstred\PostNL\Entity\Request\GetNearestLocations::\$Countrycode

Type string | null

protected static property

Firstred\PostNL\Entity\Request\GetNearestLocations::\$Location

Type *\Firstred\PostNL\Entity\Location* | null

protected static property Firstred\PostNL\Entity\Request\GetNearestLocations::\$Message

Type *\Firstred\PostNL\Entity\Message\Message* | null

Methods

public Firstred\PostNL\Entity\Request\GetNearestLocations::__construct(*\$Countrycode=null*,
\$Location=null,
\$Message=null)

Parameters

- **\$Countrycode** (string | null)
- **\$Location** (*Firstred\PostNL\Entity\Location* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

public Firstred\PostNL\Entity\Request\GetNearestLocations::getCountrycode()

Returns string | null

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::setCountrycode($Countrycode)
```

Parameters

- **\$Countrycode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::getLocation()
```

Returns *\Firstred\PostNL\Entity\Location* | null

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::setLocation($Location)
```

Parameters

- **\$Location** (*Firstred\PostNL\Entity\Location* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::getMessage()
```

Returns *\Firstred\PostNL\Entity\Message\Message* | null

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::setMessage($Message)
```

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetNearestLocations::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

CompleteStatusByReference

```
class Firstred\PostNL\Entity\Request\CompleteStatusByReference
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Shipment, \$Customer, \$Message)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*

- `public getShipment()`
- `public setShipment($Shipment)`
- `public getCacheKey()`

Properties

protected static property

Firstred\PostNL\Entity\Request\CompleteStatusByReference::\$Message

Type `\Firstred\PostNL\Entity\Message\Message` | null

protected static property

Firstred\PostNL\Entity\Request\CompleteStatusByReference::\$Customer

Type `\Firstred\PostNL\Entity\Customer` | null

protected static property

Firstred\PostNL\Entity\Request\CompleteStatusByReference::\$Shipment

Type `\Firstred\PostNL\Entity\Shipment` | null

Methods

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::__construct($Shipment=null,
                                                                              $Customer=null,
                                                                              $Message=null)
```

Parameters

- **\$Shipment** (`Firstred\PostNL\Entity\Shipment` | null)
- **\$Customer** (`Firstred\PostNL\Entity\Customer` | null)
- **\$Message** (`Firstred\PostNL\Entity\Message\Message` | null)

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::getMessage()
```

Returns `\Firstred\PostNL\Entity\Message\Message` | null

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::setMessage($Message)
```

Parameters

- **\$Message** (`Firstred\PostNL\Entity\Message\Message` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::getCustomer()
```

Returns `\Firstred\PostNL\Entity\Customer` | null

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::setCustomer($Customer)
```

Parameters

- **\$Customer** (`Firstred\PostNL\Entity\Customer` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::getShipment()
```

Returns `\Firstred\PostNL\Entity\Shipment` | null

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::setShipment($Shipment)
```

Parameters

- **\$Shipment** (`\Firstred\PostNL\Entity\Shipment` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatusByReference::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

CompleteStatus

```
class Firstred\PostNL\Entity\Request\CompleteStatus
```

Parent `\Firstred\PostNL\Entity\AbstractEntity`

Implements `\Firstred\PostNL\Cache\CacheableRequestEntityInterface`

Summary

Methods

- `public __construct($Shipment, $Customer, $Message)`
- `public getMessage()`
- `public setMessage($Message)`
- `public getCustomer()`
- `public setCustomer($Customer)`
- `public getShipment()`
- `public setShipment($Shipment)`
- `public getCacheKey()`

Properties

```
protected static property Firstred\PostNL\Entity\Request\CompleteStatus::$Message
```

Type `\Firstred\PostNL\Entity\Message\Message` | null

```
protected static property Firstred\PostNL\Entity\Request\CompleteStatus::$Customer
```

Type `\Firstred\PostNL\Entity\Customer` | null

```
protected static property Firstred\PostNL\Entity\Request\CompleteStatus::$Shipment
```

Type `\Firstred\PostNL\Entity\Shipment` | null

Methods

```
public Firstred\PostNL\Entity\Request\CompleteStatus::__construct($Shipment=null,  
                                                                    $Customer=null,  
                                                                    $Message=null)
```

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

```
public Firstred\PostNL\Entity\Request\CompleteStatus::getMessage()
```

Returns *\Firstred\PostNL\Entity\Message\Message* | null

```
public Firstred\PostNL\Entity\Request\CompleteStatus::setMessage($Message)
```

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatus::getCustomer()
```

Returns *\Firstred\PostNL\Entity\Customer* | null

```
public Firstred\PostNL\Entity\Request\CompleteStatus::setCustomer($Customer)
```

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatus::getShipment()
```

Returns *\Firstred\PostNL\Entity\Shipment* | null

```
public Firstred\PostNL\Entity\Request\CompleteStatus::setShipment($Shipment)
```

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CompleteStatus::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

GetTimeframes

class Firstred\PostNL\Entity\Request\GetTimeframes

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Message, \$Timeframes)*
- *public setTimeframe(\$timeframes)*
- *public setTimeframes(\$timeframes)*
- *public getTimeframe()*
- *public getTimeframes()*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCacheKey()*

Properties

protected static property Firstred\PostNL\Entity\Request\GetTimeframes::\$Message

Type *\Firstred\PostNL\Entity\Message\Message* | null

protected static property Firstred\PostNL\Entity\Request\GetTimeframes::\$Timeframe

Type *\Firstred\PostNL\Entity\Timeframe[]* | null

Methods

public Firstred\PostNL\Entity\Request\GetTimeframes::__construct(*\$Message=null*,
\$Timeframes=null)

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)
- **\$Timeframes** (array | null)

public Firstred\PostNL\Entity\Request\GetTimeframes::setTimeframe(*\$timeframes*)

Since 1.0.0

Since 1.0.0

public Firstred\PostNL\Entity\Request\GetTimeframes::setTimeframes(*\Firstred\PostNL\Entity\Timeframe|array*
\$timeframes)

Parameters

- **\$timeframes** TimeFrame|Timeframe[]|null

Since 1.2.0

```
public Firstred\PostNL\Entity\Request\GetTimeframes::getTimeframe()
```

Returns `\Firstred\PostNL\Entity\Timeframe[] | null`

Since 1.0.0

```
public Firstred\PostNL\Entity\Request\GetTimeframes::getTimeframes()
```

Returns `\Firstred\PostNL\Entity\Timeframe[] | null`

Since 1.2.0

```
public Firstred\PostNL\Entity\Request\GetTimeframes::getMessage()
```

Returns `\Firstred\PostNL\Entity\Message\Message | null`

```
public Firstred\PostNL\Entity\Request\GetTimeframes::setMessage($Message)
```

Parameters

- **\$Message** (`\Firstred\PostNL\Entity\Message\Message | null`)

Returns static

```
public Firstred\PostNL\Entity\Request\GetTimeframes::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

CurrentStatusByReference

```
class Firstred\PostNL\Entity\Request\CurrentStatusByReference
```

Parent `Firstred\PostNL\Entity\AbstractEntity`

Implements `Firstred\PostNL\Cache\CacheableRequestEntityInterface`

Summary

Methods

- `public __construct($Shipment, $Customer, $Message)`
- `public getMessage()`
- `public setMessage($Message)`
- `public getCustomer()`
- `public setCustomer($Customer)`
- `public getShipment()`
- `public setShipment($Shipment)`
- `public getCacheKey()`

Properties

protected static property

Firstred\PostNL\Entity\Request\CurrentStatusByReference::\$Message

Type `\Firstred\PostNL\Entity\Message\Message` | null

protected static property

Firstred\PostNL\Entity\Request\CurrentStatusByReference::\$Customer

Type `\Firstred\PostNL\Entity\Customer` | null

protected static property

Firstred\PostNL\Entity\Request\CurrentStatusByReference::\$Shipment

Type `\Firstred\PostNL\Entity\Shipment` | null

Methods

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::__construct($Shipment=null,
                                                                            $Customer=null,
                                                                            $Message=null)
```

Parameters

- **\$Shipment** (`\Firstred\PostNL\Entity\Shipment` | null)
- **\$Customer** (`\Firstred\PostNL\Entity\Customer` | null)
- **\$Message** (`\Firstred\PostNL\Entity\Message\Message` | null)

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::getMessage()
```

Returns `\Firstred\PostNL\Entity\Message\Message` | null

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::setMessage($Message)
```

Parameters

- **\$Message** (`\Firstred\PostNL\Entity\Message\Message` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::getCustomer()
```

Returns `\Firstred\PostNL\Entity\Customer` | null

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::setCustomer($Customer)
```

Parameters

- **\$Customer** (`\Firstred\PostNL\Entity\Customer` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::getShipment()
```

Returns `\Firstred\PostNL\Entity\Shipment` | null

```
public Firstred\PostNL\Entity\Request\CurrentStatusByReference::setShipment($Shipment)
```


Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)

Returns static**public** Firstred\PostNL\Entity\Request\CurrentStatusByReference::getCacheKey()

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string**GenerateBarcode****class** Firstred\PostNL\Entity\Request\GenerateBarcode**Parent** *Firstred\PostNL\Entity\AbstractEntity***Summary****Methods**

- *public __construct(\$Barcode, \$Customer)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*

Properties**protected static property** Firstred\PostNL\Entity\Request\GenerateBarcode::\$Customer**Type** *\Firstred\PostNL\Entity\Customer* | null**protected static property** Firstred\PostNL\Entity\Request\GenerateBarcode::\$Barcode**Type** *\Firstred\PostNL\Entity\Barcode* | null**Methods****public** Firstred\PostNL\Entity\Request\GenerateBarcode::__construct(*\$Barcode=null,*
\$Customer=null)**Parameters**

- **\$Barcode** (*Firstred\PostNL\Entity\Barcode* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

public Firstred\PostNL\Entity\Request\GenerateBarcode::getCustomer()**Returns** *\Firstred\PostNL\Entity\Customer* | null

```
public Firstred\PostNL\Entity\Request\GenerateBarcode::setCustomer($Customer)
```

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GenerateBarcode::getBarcode()
```

Returns *\Firstred\PostNL\Entity\Barcode* | null

```
public Firstred\PostNL\Entity\Request\GenerateBarcode::setBarcode($Barcode)
```

Parameters

- **\$Barcode** (*Firstred\PostNL\Entity\Barcode* | null)

Returns static

CurrentStatus

```
class Firstred\PostNL\Entity\Request\CurrentStatus
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Shipment, \$Customer, \$Message)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getShipment()*
- *public setShipment(\$Shipment)*
- *public getCacheKey()*

Properties

```
protected static property Firstred\PostNL\Entity\Request\CurrentStatus::$Message
```

Type *\Firstred\PostNL\Entity\Message\Message* | null

```
protected static property Firstred\PostNL\Entity\Request\CurrentStatus::$Customer
```

Type *\Firstred\PostNL\Entity\Customer* | null

```
protected static property Firstred\PostNL\Entity\Request\CurrentStatus::$Shipment
```

Type *\Firstred\PostNL\Entity\Shipment* | null

Methods

```
public Firstred\PostNL\Entity\Request\CurrentStatus::__construct($Shipment=null,  
                                                                $Customer=null,  
                                                                $Message=null)
```

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

```
public Firstred\PostNL\Entity\Request\CurrentStatus::getMessage()
```

Returns *\Firstred\PostNL\Entity\Message\Message* | null

```
public Firstred\PostNL\Entity\Request\CurrentStatus::setMessage($Message)
```

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CurrentStatus::getCustomer()
```

Returns *\Firstred\PostNL\Entity\Customer* | null

```
public Firstred\PostNL\Entity\Request\CurrentStatus::setCustomer($Customer)
```

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CurrentStatus::getShipment()
```

Returns *\Firstred\PostNL\Entity\Shipment* | null

```
public Firstred\PostNL\Entity\Request\CurrentStatus::setShipment($Shipment)
```

Parameters

- **\$Shipment** (*Firstred\PostNL\Entity\Shipment* | null)

Returns static

```
public Firstred\PostNL\Entity\Request\CurrentStatus::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

GetUpdatedShipments

class Firstred\PostNL\Entity\Request\GetUpdatedShipments

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements *Firstred\PostNL\Cache\CacheableRequestEntityInterface*

Summary

Methods

- *public __construct(\$Customer, \$DateTimeFrom, \$DateTimeTo)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getDateTimeFrom()*
- *public setDateTimeFrom(\$DateTimeFrom)*
- *public getDateTimeTo()*
- *public setDateTimeTo(\$DateTimeTo)*
- *public getCacheKey()*

Properties

protected static property

Firstred\PostNL\Entity\Request\GetUpdatedShipments::\$Customer

Type *\Firstred\PostNL\Entity\Customer* | null

protected static property

Firstred\PostNL\Entity\Request\GetUpdatedShipments::\$DateTimeFrom

Type *\DateTimeInterface* | null

protected static property

Firstred\PostNL\Entity\Request\GetUpdatedShipments::\$DateTimeTo

Type *\DateTimeInterface* | null

Methods

public Firstred\PostNL\Entity\Request\GetUpdatedShipments::__construct(*\$Customer=null, \$DateTimeFrom=null, \$DateTimeTo=null*)

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$DateTimeFrom** (*\DateTimeInterface* | null)
- **\$DateTimeTo** (*\DateTimeInterface* | null)

public Firstred\PostNL\Entity\Request\GetUpdatedShipments::getCustomer()

Returns `\Firstred\PostNL\Entity\Customer` | null

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::setCustomer($Customer)
```

Parameters

- **\$Customer** (`Firstred\PostNL\Entity\Customer` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::getDateTimeFrom()
```

Returns `\DateTimeInterface` | null

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::setDateTimeFrom($DateTimeFrom)
```

Parameters

- **\$DateTimeFrom** (`\DateTimeInterface` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::getDateTimeTo()
```

Returns `\DateTimeInterface` | null

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::setDateTimeTo($DateTimeTo)
```

Parameters

- **\$DateTimeTo** (`\DateTimeInterface` | null)

Returns static

```
public Firstred\PostNL\Entity\Request\GetUpdatedShipments::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

GenerateLabel

```
class Firstred\PostNL\Entity\Request\GenerateLabel
```

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($Shipments, $Message, $Customer, $LabelSignature)`
- `public getCustomer()`
- `public setCustomer($Customer)`
- `public getMessage()`
- `public setMessage($Message)`

- `public getShipments()`
- `public setShipments($Shipments)`
- `public getLabelSignature()`
- `public setLabelSignature($LabelSignature)`
- `public jsonSerialize()`

Properties

protected static property Firstred\PostNL\Entity\Request\GenerateLabel::\$Customer

Type \Firstred\PostNL\Entity\Customer | null

protected static property Firstred\PostNL\Entity\Request\GenerateLabel::\$Message

Type \Firstred\PostNL\Entity\Message\LabellingMessage | null

protected static property Firstred\PostNL\Entity\Request\GenerateLabel::\$Shipments

Type \Firstred\PostNL\Entity\Shipment[] | null

protected static property

Firstred\PostNL\Entity\Request\GenerateLabel::\$LabelSignature

Type string | null

Methods

public Firstred\PostNL\Entity\Request\GenerateLabel::__construct(*\$Shipments=null*,
\$Message=null,
\$Customer=null,
\$LabelSignature=null)

Parameters

- **\$Shipments** (array | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\LabellingMessage* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$LabelSignature** (string | null)

public Firstred\PostNL\Entity\Request\GenerateLabel::getCustomer()

Returns *\Firstred\PostNL\Entity\Customer* | null

public Firstred\PostNL\Entity\Request\GenerateLabel::setCustomer(*\$Customer*)

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

public Firstred\PostNL\Entity\Request\GenerateLabel::getMessage()

Returns *\Firstred\PostNL\Entity\Message\LabellingMessage* | null

public Firstred\PostNL\Entity\Request\GenerateLabel::setMessage(*\$Message*)

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\LabellingMessage* | null)

Returns static**public** Firstred\PostNL\Entity\Request\GenerateLabel::getShipments()**Returns** *\Firstred\PostNL\Entity\Shipment[]* | null**public** Firstred\PostNL\Entity\Request\GenerateLabel::setShipments(\$Shipments)**Parameters**

- **\$Shipments** (*Firstred\PostNL\Entity\Shipment[]* | null)

Returns static**public** Firstred\PostNL\Entity\Request\GenerateLabel::getLabelSignature()**Returns** string | null**public** Firstred\PostNL\Entity\Request\GenerateLabel::setLabelSignature(\$LabelSignature)**Parameters**

- **\$LabelSignature** (string | null)

Returns static**public** Firstred\PostNL\Entity\Request\GenerateLabel::jsonSerialize()**Returns** array**Throws** *\Firstred\PostNL\Exception\ServiceNotSetException***SendShipment****class** Firstred\PostNL\Entity\Request\SendShipment**Parent** *Firstred\PostNL\Entity\AbstractEntity***Summary****Methods**

- *public __construct(\$Shipments, \$Message, \$Customer)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getShipments()*
- *public setShipments(\$Shipments)*
- *public jsonSerialize()*

Properties

protected static property Firstred\PostNL\Entity\Request\SendShipment::\$Customer

Type *\Firstred\PostNL\Entity\Customer* | null

protected static property Firstred\PostNL\Entity\Request\SendShipment::\$Message

Type *\Firstred\PostNL\Entity\Message\LabellingMessage* | null

protected static property Firstred\PostNL\Entity\Request\SendShipment::\$Shipments

Type *\Firstred\PostNL\Entity\Shipment[]* | null

Methods

public Firstred\PostNL\Entity\Request\SendShipment::__construct(*\$Shipments=null*,
\$Message=null,
\$Customer=null)

Parameters

- **\$Shipments** (array | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\LabellingMessage* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

public Firstred\PostNL\Entity\Request\SendShipment::getCustomer()

Returns *\Firstred\PostNL\Entity\Customer* | null

public Firstred\PostNL\Entity\Request\SendShipment::setCustomer(*\$Customer*)

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

public Firstred\PostNL\Entity\Request\SendShipment::getMessage()

Returns *\Firstred\PostNL\Entity\Message\LabellingMessage* | null

public Firstred\PostNL\Entity\Request\SendShipment::setMessage(*\$Message*)

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\LabellingMessage* | null)

Returns static

public Firstred\PostNL\Entity\Request\SendShipment::getShipments()

Returns *\Firstred\PostNL\Entity\Shipment[]* | null

public Firstred\PostNL\Entity\Request\SendShipment::setShipments(*\$Shipments*)

Parameters

- **\$Shipments** (*Firstred\PostNL\Entity\Shipment[]* | null)

Returns static


```
public Firstred\PostNL\Entity\Request\SendShipment::jsonSerialize()
```

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

Confirming

```
class Firstred\PostNL\Entity\Request\Confirming
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Shipments, \$Customer, \$Message)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getMessage()*
- *public setMessage(\$Message)*
- *public getShipments()*
- *public setShipments(\$Shipments)*
- *public jsonSerialize()*

Properties

```
protected static property Firstred\PostNL\Entity\Request\Confirming::$Customer
```

Type *\Firstred\PostNL\Entity\Customer* | null

```
protected static property Firstred\PostNL\Entity\Request\Confirming::$Message
```

Type *\Firstred\PostNL\Entity\Message\Message* | null

```
protected static property Firstred\PostNL\Entity\Request\Confirming::$Shipments
```

Type *\Firstred\PostNL\Entity\Shipment[]* | null

Methods

```
public Firstred\PostNL\Entity\Request\Confirming::__construct($Shipments=null,  
                                                             $Customer=null,  
                                                             $Message=null)
```

Parameters

- **\$Shipments** (*Firstred\PostNL\Entity\Shipment[]* | null)
- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)
- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

```
public Firstred\PostNL\Entity\Request\Confirming::getCustomer()
```

Returns `\Firstred\PostNL\Entity\Customer | null`

public Firstred\PostNL\Entity\Request\Confirming::setCustomer(\$Customer)

Parameters

- **\$Customer** (`Firstred\PostNL\Entity\Customer | null`)

Returns static

public Firstred\PostNL\Entity\Request\Confirming::getMessage()

Returns `\Firstred\PostNL\Entity\Message\Message | null`

public Firstred\PostNL\Entity\Request\Confirming::setMessage(\$Message)

Parameters

- **\$Message** (`Firstred\PostNL\Entity\Message\Message | null`)

Returns static

public Firstred\PostNL\Entity\Request\Confirming::getShipments()

Returns `\Firstred\PostNL\Entity\Shipment[] | null`

public Firstred\PostNL\Entity\Request\Confirming::setShipments(\$Shipments)

Parameters

- **\$Shipments** (`Firstred\PostNL\Entity\Shipment[] | null`)

Returns static

public Firstred\PostNL\Entity\Request\Confirming::jsonSerialize()

Returns array

GetDeliveryDate

class Firstred\PostNL\Entity\Request\GetDeliveryDate

Parent `Firstred\PostNL\Entity\AbstractEntity`

Implements `Firstred\PostNL\Cache\CacheableRequestEntityInterface`

Summary

Methods

- `public __construct($AllowSundaySorting, $City, $CountryCode, $CutOffTimes, $HouseNr, $HouseNrExt, $Options, $OriginCountryCode, $PostalCode, $ShippingDate, $ShippingDuration, $Street, $GetDeliveryDate, $Message)`
- `public getCity()`
- `public setCity($City)`
- `public getCountryCode()`
- `public setCountryCode($CountryCode)`

- `public getCutOffTimes()`
- `public setCutOffTimes($CutOffTimes)`
- `public getHouseNr()`
- `public setHouseNr($HouseNr)`
- `public getHouseNrExt()`
- `public setHouseNrExt($HouseNrExt)`
- `public getOptions()`
- `public setOptions($Options)`
- `public getOriginCountryCode()`
- `public setOriginCountryCode($OriginCountryCode)`
- `public getShippingDuration()`
- `public setShippingDuration($ShippingDuration)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getGetDeliveryDate()`
- `public setGetDeliveryDate($GetDeliveryDate)`
- `public getMessage()`
- `public setMessage($Message)`
- `public getShippingDate()`
- `public setShippingDate($ShippingDate)`
- `public getPostalCode()`
- `public setPostalCode($PostalCode)`
- `public getAllowSundaySorting()`
- `public setAllowSundaySorting($AllowSundaySorting)`
- `public getCacheKey()`

Properties

protected static property

Firstred\PostNL\Entity\Request\GetDeliveryDate::\$AllowSundaySorting

Type bool | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$City

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$CountryCode

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$CutOffTimes

Type \Firstred\PostNL\Entity\CutOffTime[] | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$HouseNr

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$HouseNrExt

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$Options

Type string[] | null

protected static property

Firstred\PostNL\Entity\Request\GetDeliveryDate::\$OriginCountryCode

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$PostalCode

Type string | null

protected static property

Firstred\PostNL\Entity\Request\GetDeliveryDate::\$ShippingDate

Type \DateTimeInterface | null

protected static property

Firstred\PostNL\Entity\Request\GetDeliveryDate::\$ShippingDuration

Type string | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$Street

Type string | null

protected static property

Firstred\PostNL\Entity\Request\GetDeliveryDate::\$GetDeliveryDate

Type self | null

protected static property Firstred\PostNL\Entity\Request\GetDeliveryDate::\$Message

Type *\Firstred\PostNL\Entity\Message\Message* | null

Methods

public Firstred\PostNL\Entity\Request\GetDeliveryDate::__construct(*\$AllowSundaySorting=null*,
\$City=null,
\$CountryCode=null,
\$CutOffTimes=null,
\$HouseNr=null,
\$HouseNrExt=null,
\$Options=null, *\$OriginCountryCode=null*,
\$PostalCode=null,
\DateTimeInterface|string|null
\$ShippingDate=null,
\$ShippingDuration=null, *\$Street=null*,
\$GetDeliveryDate=null,
\$Message=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getCity()

Returns string | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setCity(*\$City*)

Parameters

- **\$City** (string | null)

Returns static**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**getCountryCode**()**Returns** string | null**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**setCountryCode**(\$CountryCode)**Parameters**

- **\$CountryCode** (string | null)

Returns static**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**getCutOffTimes**()**Returns** array | null**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**setCutOffTimes**(\$CutOffTimes)**Parameters**

- **\$CutOffTimes** (array | null)

Returns static**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**getHouseNr**()**Returns** string | null**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**setHouseNr**(\$HouseNr)**Parameters**

- **\$HouseNr** (string | null)

Returns static**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**getHouseNrExt**()**Returns** string | null**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**setHouseNrExt**(\$HouseNrExt)**Parameters**

- **\$HouseNrExt** (string | null)

Returns static**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**getOptions**()**Returns** array | null**public** Firstred\PostNL\Entity\Request\GetDeliveryDate::**setOptions**(\$Options)**Parameters**

- **\$Options** (string[] | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getOriginCountryCode()

Returns string | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setOriginCountryCode(*\$OriginCountryCode*)

Parameters

- **\$OriginCountryCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getShippingDuration()

Returns string | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setShippingDuration(*\$ShippingDuration*)

Parameters

- **\$ShippingDuration** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getStreet()

Returns string | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setStreet(*\$Street*)

Parameters

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getGetDeliveryDate()

Returns static | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setGetDeliveryDate(*\$GetDeliveryDate*)

Parameters

- **\$GetDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate* | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getMessage()

Returns *\Firstred\PostNL\Entity\Message\Message* | null

public Firstred\PostNL\Entity\Request\GetDeliveryDate::setMessage(*\$Message*)

Parameters

- **\$Message** (*Firstred\PostNL\Entity\Message\Message* | null)

Returns static

public Firstred\PostNL\Entity\Request\GetDeliveryDate::getShippingDate()

Returns `\DateTimeInterface | null`

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::setShippingDate(\DateTimeInterface|string|null
                                                                    $shipping-
                                                                    Date=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.2.0

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::getPostalCode()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::setPostalCode($PostalCode=null)
```

Parameters

- **\$PostalCode** (`string | null`)

Returns `static`

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::getAllowSundaySorting()
```

Returns `bool | null`

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::setAllowSundaySorting(bool|int|string|null
                                                                    $AllowSun-
                                                                    daySort-
                                                                    ing=null)
```

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\Entity\Request\GetDeliveryDate::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns `string`

GetSentDateRequest

```
class Firstred\PostNL\Entity\Request\GetSentDateRequest
```

Parent `Firstred\PostNL\Entity\AbstractEntity`

Implements `Firstred\PostNL\Cache\CacheableRequestEntityInterface`

Summary

Methods

- `public __construct($GetSentDate, $Message)`
- `public getGetSentDate()`
- `public setGetSentDate($GetSentDate)`
- `public getMessage()`
- `public setMessage($Message)`
- `public getCacheKey()`

Properties

protected static property

`Firstred\PostNL\Entity\Request\GetSentDateRequest::$GetSentDate`

Type `\Firstred\PostNL\Entity\Request\GetSentDate` | null

protected static property `Firstred\PostNL\Entity\Request\GetSentDateRequest::$Message`

Type `\Firstred\PostNL\Entity\Message\Message` | null

Methods

public `Firstred\PostNL\Entity\Request\GetSentDateRequest::__construct($GetSentDate=null, $Message=null)`

Parameters

- `$GetSentDate` (`Firstred\PostNL\Entity\Request\GetSentDate` | null)
- `$Message` (`Firstred\PostNL\Entity\Message\Message` | null)

public `Firstred\PostNL\Entity\Request\GetSentDateRequest::getGetSentDate()`

Returns `\Firstred\PostNL\Entity\Request\GetSentDate` | null

public `Firstred\PostNL\Entity\Request\GetSentDateRequest::setGetSentDate($GetSentDate)`

Parameters

- `$GetSentDate` (`Firstred\PostNL\Entity\Request\GetSentDate` | null)

Returns static

public `Firstred\PostNL\Entity\Request\GetSentDateRequest::getMessage()`

Returns `\Firstred\PostNL\Entity\Message\Message` | null

public `Firstred\PostNL\Entity\Request\GetSentDateRequest::setMessage($Message)`

Parameters

- `$Message` (`Firstred\PostNL\Entity\Message\Message` | null)

Returns static


```
public Firstred\PostNL\Entity\Request\GetSentDateRequest::getCacheKey()
```

This method returns a unique cache key for every unique cacheable request as defined by PSR-6.

See <https://www.php-fig.org/psr/psr-6/#definitions>

Returns string

Response

\Firstred\PostNL\Entity\Response

Classes

GetLocationsResult

```
class Firstred\PostNL\Entity\Response\GetLocationsResult
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$ResponseLocation)*
- *public getResponseLocation()*
- *public setResponseLocation(\$ResponseLocation)*

Properties

protected static property

Firstred\PostNL\Entity\Response\GetLocationsResult::\$ResponseLocation

Type *\Firstred\PostNL\Entity\Response\ResponseLocation[]* | null

Methods

```
public Firstred\PostNL\Entity\Response\GetLocationsResult::__construct($ResponseLocation=null)
```

Parameters

- **\$ResponseLocation** (array | null)

```
public Firstred\PostNL\Entity\Response\GetLocationsResult::getResponseLocation()
```

Returns *\Firstred\PostNL\Entity\Response\ResponseLocation[]* | null

```
public Firstred\PostNL\Entity\Response\GetLocationsResult::setResponseLocation($ResponseLocation)
```

Parameters

- **\$ResponseLocation** (*Firstred\PostNL\Entity\Response\ResponseLocation[]* | null)

Returns static

SignatureResponse

```
class Firstred\PostNL\Entity\Response\SignatureResponse
    Parent Firstred\PostNL\Entity\AbstractEntity
```

Summary

Methods

- *public __construct(\$Signature)*
- *public getSignature()*
- *public setSignature(\$Signature)*

Properties

protected static property
Firstred\PostNL\Entity\Response\SignatureResponse::\$Signature
Type *\Firstred\PostNL\Entity\Signature* | null

Methods

```
public Firstred\PostNL\Entity\Response\SignatureResponse::__construct($Signature=null)
```

Parameters

- \$Signature (*Firstred\PostNL\Entity\Signature* | null)

```
public Firstred\PostNL\Entity\Response\SignatureResponse::getSignature()
```

Returns *\Firstred\PostNL\Entity\Signature* | null

```
public Firstred\PostNL\Entity\Response\SignatureResponse::setSignature($Signature)
```

Parameters

- \$Signature (*Firstred\PostNL\Entity\Signature* | null)

Returns static

GetNearestLocationsResponse

```
class Firstred\PostNL\Entity\Response\GetNearestLocationsResponse
    Parent Firstred\PostNL\Entity\AbstractEntity
```

Summary

Methods

- `public __construct($GetLocationsResult)`
- `public getGetLocationsResult()`
- `public setGetLocationsResult($GetLocationsResult)`
- `public static jsonDeserialize($json)`
- `public jsonSerialize()`

Properties

protected static property

`Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::$GetLocationsResult`

Type `\Firstred\PostNL\Entity\Response\GetLocationsResult` | null

Methods

`public Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::__construct($GetLocationsResult=null)`

Parameters

- `$GetLocationsResult` (`Firstred\PostNL\Entity\Response\GetLocationsResult` | null)

`public Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::getGetLocationsResult()`

Returns `\Firstred\PostNL\Entity\Response\GetLocationsResult` | null

`public Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::setGetLocationsResult($GetLocation`

Parameters

- `$GetLocationsResult` (`Firstred\PostNL\Entity\Response\GetLocationsResult` | null)

Returns static

`public static Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::jsonDeserialize($json)`

Parameters

- `$json` (stdClass)

Returns `\Firstred\PostNL\Entity\Response\GetNearestLocationsResponse`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 1.2.0

public Firstred\PostNL\Entity\Response\GetNearestLocationsResponse::jsonSerialize()

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

ResponseShipment

class Firstred\PostNL\Entity\Response\ResponseShipment

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Barcode, \$ProductCodeDelivery, \$Labels, \$DownPartnerBarcode, \$DownPartnerID, \$DownPartnerLocation, \$Warnings, \$CodingText)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*
- *public getDownPartnerBarcode()*
- *public setDownPartnerBarcode(\$DownPartnerBarcode)*
- *public getDownPartnerID()*
- *public setDownPartnerID(\$DownPartnerID)*
- *public getDownPartnerLocation()*
- *public setDownPartnerLocation(\$DownPartnerLocation)*
- *public getLabels()*
- *public setLabels(\$Labels)*
- *public getProductCodeDelivery()*
- *public setProductCodeDelivery(\$ProductCodeDelivery)*
- *public getWarnings()*
- *public setWarnings(\$Warnings)*
- *public setCodingText(\$CodingText)*

Properties

protected static property Firstred\PostNL\Entity\Response\ResponseShipment::\$Barcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseShipment::\$DownPartnerBarcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseShipment::\$DownPartnerID

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseShipment::\$DownPartnerLocation

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseShipment::\$Labels

Type \Firstred\PostNL\Entity\Label[] | null

protected static property

Firstred\PostNL\Entity\Response\ResponseShipment::\$ProductCodeDelivery

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseShipment::\$Warnings

Type \Firstred\PostNL\Entity\Warning[] | null

protected static property

Firstred\PostNL\Entity\Response\ResponseShipment::\$CodingText

Type string | null

Methods

public Firstred\PostNL\Entity\Response\ResponseShipment::__construct(*\$Barcode=null*,
\$ProductCodeDelivery=null,
\$Labels=null,
\$DownPartnerBarcode=null,
\$DownPartnerID=null,
\$DownPartnerLocation=null,
\$Warnings=null,
\$CodingText=null)

Parameters

- **\$Barcode** (string | null)
- **\$ProductCodeDelivery** (string | null)
- **\$Labels** (array | null)
- **\$DownPartnerBarcode** (string | null)
- **\$DownPartnerID** (string | null)
- **\$DownPartnerLocation** (string | null)

- **\$Warnings** (array | null)

public Firstred\PostNL\Entity\Response\ResponseShipment::getBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setBarcode(*\$Barcode*)

Parameters

- **\$Barcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getDownPartnerBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setDownPartnerBarcode(*\$DownPartnerBarcode*)

Parameters

- **\$DownPartnerBarcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getDownPartnerID()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setDownPartnerID(*\$DownPartnerID*)

Parameters

- **\$DownPartnerID** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getDownPartnerLocation()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setDownPartnerLocation(*\$DownPartnerLocation*)

Parameters

- **\$DownPartnerLocation** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getLabels()

Returns *\Firstred\PostNL\Entity\Label[]* | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setLabels(*\$Labels*)

Parameters

- **\$Labels** (*\Firstred\PostNL\Entity\Label[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getProductCodeDelivery()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setProductCodeDelivery(*\$ProductCodeDelivery*)

Parameters

- **\$ProductCodeDelivery** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::getWarnings()

Returns \Firstred\PostNL\Entity\Warning[] | null

public Firstred\PostNL\Entity\Response\ResponseShipment::setWarnings(*\$Warnings*)

Parameters

- **\$Warnings** (*Firstred\PostNL\Entity\Warning[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseShipment::setCodingText(*\$CodingText*)

Parameters

- **\$CodingText** (string | null)

Returns static

CompleteStatusResponseEvent

class Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public* __construct(*\$Code*, *\$Description*, *\$DestinationLocationCode*, *\$LocationCode*, *\$RouteCode*, *\$RouteName*, *\$TimeStamp*)
- *public* getCode()
- *public* setCode(*\$Code*)
- *public* getDescription()
- *public* setDescription(*\$Description*)
- *public* getDestinationLocationCode()
- *public* setDestinationLocationCode(*\$DestinationLocationCode*)
- *public* getLocationCode()
- *public* setLocationCode(*\$LocationCode*)
- *public* getRouteCode()
- *public* setRouteCode(*\$RouteCode*)
- *public* getRouteName()

- `public setRouteName($RouteName)`
- `public getTimeStamp()`
- `public setTimeStamp($TimeStamp)`

Properties

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$Code

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$Description

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$DestinationLocationCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$LocationCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$RouteCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$RouteName

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::\$TimeStamp

Type \DateTimeInterface | null

Methods

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::__construct($Code=null,
                                                                                   $De-
                                                                                   scrip-
                                                                                   tion=null,
                                                                                   $Desti-
                                                                                   nation-
                                                                                   Loca-
                                                                                   tion-
                                                                                   Code=null,
                                                                                   $Loca-
                                                                                   tion-
                                                                                   Code=null,
                                                                                   $Route-
                                                                                   Code=null,
                                                                                   $Route-
                                                                                   Name=null,
                                                                                   $TimeS-
                                                                                   tamp=null)
```


Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setCode(\$Code)

Parameters

- **\$Code** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getDescription()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setDescription(\$Description)

Parameters

- **\$Description** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getDestinationLocationCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setDestinationLocationCode(\$DestinationLocationCode)

Parameters

- **\$DestinationLocationCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getLocationCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setLocationCode(\$LocationCode)

Parameters

- **\$LocationCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getRouteCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setRouteCode(\$RouteCode)

Parameters

- **\$RouteCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getRouteName()

Returns `string | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setRouteName($RouteName)`

Parameters

- **\$RouteName** (`string | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::getTimeStamp()`

Returns `\DateTimeInterface | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent::setTimeStamp(string|\DateTimeInterface $TimeStamp=null)`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.2.0

ResponseTimeframes

class `Firstred\PostNL\Entity\Response\ResponseTimeframes`

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($ReasonNoTimeframes, $Timeframes)`
- `public getReasonNoTimeframes()`
- `public setReasonNoTimeframes($ReasonNoTimeframes)`
- `public getTimeframes()`
- `public setTimeframes($Timeframes)`
- `public jsonSerialize()`

Properties

protected static property

`Firstred\PostNL\Entity\Response\ResponseTimeframes::$ReasonNoTimeframes`

Type `\Firstred\PostNL\Entity\ReasonNoTimeframe[] | null`

protected static property

`Firstred\PostNL\Entity\Response\ResponseTimeframes::$Timeframes`

Type `\Firstred\PostNL\Entity\Timeframe[] | null`

Methods

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::__construct($ReasonNoTimeframes=null,  
                                                                    $Timeframes=null)
```

Parameters

- **\$ReasonNoTimeframes** (array | null)
- **\$Timeframes** (array | null)

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::getReasonNoTimeframes()
```

Returns *\Firstred\PostNL\Entity\ReasonNoTimeframe[]* | null

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::setReasonNoTimeframes($ReasonNoTimeframes)
```

Parameters

- **\$ReasonNoTimeframes** (*Firstred\PostNL\Entity\ReasonNoTimeframe[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::getTimeframes()
```

Returns *\Firstred\PostNL\Entity\Timeframe[]* | null

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::setTimeframes($Timeframes)
```

Parameters

- **\$Timeframes** (*Firstred\PostNL\Entity\Timeframe[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\ResponseTimeframes::jsonSerialize()
```

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

CompleteStatusResponseShipment

```
class Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Addresses, \$Amounts, \$Barcode, \$Customer, \$DeliveryDate, \$Dimension, \$Events, \$Expectation, \$Groups, \$OldStatuses, \$ProductCode, \$ProductOptions, \$Reference, \$Status, \$Warnings, \$MainBarcode, \$ShipmentAmount, \$ShipmentCounter, \$ProductDescription)*
- *public getAddresses()*
- *public setAddresses(\$Addresses)*

- `public getAmounts()`
- `public setAmounts($Amounts)`
- `public getBarcode()`
- `public setBarcode($Barcode)`
- `public getCustomer()`
- `public setCustomer($Customer)`
- `public getDimension()`
- `public setDimension($Dimension)`
- `public getEvents()`
- `public setEvents($Events)`
- `public getExpectation()`
- `public setExpectation($Expectation)`
- `public getGroups()`
- `public setGroups($Groups)`
- `public getMainBarcode()`
- `public setMainBarcode($MainBarcode)`
- `public getOldStatuses()`
- `public setOldStatuses($OldStatuses)`
- `public getProductCode()`
- `public setProductCode($ProductCode)`
- `public getProductDescription()`
- `public setProductDescription($ProductDescription)`
- `public getProductOptions()`
- `public setProductOptions($ProductOptions)`
- `public getReference()`
- `public setReference($Reference)`
- `public getShipmentAmount()`
- `public setShipmentAmount($ShipmentAmount)`
- `public getShipmentCounter()`
- `public setShipmentCounter($ShipmentCounter)`
- `public getStatus()`
- `public setStatus($Status)`
- `public getWarnings()`
- `public setWarnings($Warnings)`
- `public getDeliveryDate()`
- `public setDeliveryDate($DeliveryDate)`
- `public static jsonDeserialize($json)`

Properties

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Addresses

Type `\Firstred\PostNL\Entity>StatusAddress[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Amounts

Type `\Firstred\PostNL\Entity\Amount[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Barcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Customer

Type `\Firstred\PostNL\Entity\Customer` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$DeliveryDate

Type `\DateTimeInterface` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Dimension

Type `\Firstred\PostNL\Entity\Dimension` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Events

Type `\Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Expectation

Type `\Firstred\PostNL\Entity\Expectation` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Groups

Type `\Firstred\PostNL\Entity\Group[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$MainBarcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$OldStatuses

Type `\Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$ProductCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$ProductDescription

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$ProductOptions

Type `\Firstred\PostNL\Entity\ProductOption[]` | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Reference

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$ShipmentAmount

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$ShipmentCounter

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Status

Type \Firstred\PostNL\Entity\Status | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::\$Warnings

Type \Firstred\PostNL\Entity\Warning[] | null

Methods

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::__construct($Addresses=null,
                                            $Amounts=null,
                                            $Bar-
                                              code=null,
                                            $Cus-
                                              tomer=null,
                                            \Date-
                                              TimeIn-
                                              ter-
                                              face|string|null
                                            $De-
                                              liv-
                                              ery-
                                              Date=null,
                                            $Di-
                                              men-
                                              sion=null,
                                            $Events=null,
                                            $Ex-
                                              pec-
                                              ta-
                                              tion=null,
                                            $Groups=null,
                                            $Old-
                                              Sta-
                                              tuses=null,
                                            $Pro-
                                              duct-
                                              Code=null,
                                            $Pro-
                                              duc-
                                              tOp-
                                              tions=null,
                                            $Ref-
                                              er-
                                              ence=null,
                                            $Sta-
                                              tus=null,
                                            $Warn-
                                              ings=null,
                                            $Main-
                                              Bar-
                                              code=null,
                                            $Ship-
                                              men-
                                              tA-
                                              mount=null,
                                            $Ship-
                                              ment-
                                              Counter=null,
                                            $Pro-
                                              duct-
                                              De-
                                              scrip-
                                              tion=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getAddresses()`

Returns `\Firstred\PostNL\Entity\Address[] | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setAddresses($Addresses)`

Parameters

- **\$Addresses** (`Firstred\PostNL\Entity\Amount[] | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getAmounts()`

Returns `\Firstred\PostNL\Entity\Amount[] | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setAmounts($Amounts)`

Parameters

- **\$Amounts** (`array | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getBarcode()`

Returns `string | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setBarcode($Barcode)`

Parameters

- **\$Barcode** (`string | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getCustomer()`

Returns `\Firstred\PostNL\Entity\Customer | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setCustomer($Customer)`

Parameters

- **\$Customer** (`Firstred\PostNL\Entity\Customer | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getDimension()`

Returns `\Firstred\PostNL\Entity\Dimension | null`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setDimension($Dimension)`

Parameters

- **\$Dimension** (`Firstred\PostNL\Entity\Dimension | null`)

Returns `static`

public `Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getEvents()`

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent[]` | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setEvents(\$Events)

Parameters

- **\$Events** (`\Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent[]` | null)

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment`

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getExpectation()

Returns `\Firstred\PostNL\Entity\Expectation` | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setExpectation(\$Expectation)

Parameters

- **\$Expectation** (`\Firstred\PostNL\Entity\Expectation` | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getGroups()

Returns `\Firstred\PostNL\Entity\Group[]` | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setGroups(\$Groups)

Parameters

- **\$Groups** (array | null)

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment`

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getMainBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setMainBarcode(\$MainBarcode)

Parameters

- **\$MainBarcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getOldStatuses()

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus[]` | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setOldStatuses(\$OldStatuses)

Parameters

- **\$OldStatuses** (`\Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus[]` | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getProductCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setProductCode(\$ProductCode)

Parameters

- **\$ProductCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getProductDescription()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setProductDescription(\$ProductDescription)

Parameters

- **\$ProductDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getProductOptions()

Returns *Firstred\PostNL\Entity\ProductOption[]* | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setProductOptions(\$ProductOptions)

Parameters

- **\$ProductOptions** (*Firstred\PostNL\Entity\ProductOption[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getReference()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setReference(\$Reference)

Parameters

- **\$Reference** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getShipmentAmount()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setShipmentAmount(\$ShipmentAmount)

Parameters

- **\$ShipmentAmount** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getShipmentCounter()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setShipmentCounter(\$ShipmentCounter)

Parameters

- **\$ShipmentCounter** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getStatus()
```

Returns *\Firstred\PostNL\Entity\Status* | null

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setStatus($Status)
```

Parameters

- **\$Status** (*\Firstred\PostNL\Entity\Status* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getWarnings()
```

Returns *\Firstred\PostNL\Entity\Warning[]* | null

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setWarnings($Warnings)
```

Parameters

- **\$Warnings** (array | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::getDeliveryDate()
```

Returns *\DateTimeInterface* | null

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::setDeliveryDate(string|\\DateTimeInterface $DeliveryDate=null)
```

Throws *\Firstred\PostNL\Exception\InvalidArgumentException***Since** 1.2.0

```
public static Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment::jsonDeserialize($json)
```

Parameters

- **\$json** (stdClass)

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment***Throws** *\Firstred\PostNL\Exception\DeserializationException***Throws** *\Firstred\PostNL\Exception\NotSupportedException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Throws** *\Firstred\PostNL\Exception\DeserializationException***Throws** *\Firstred\PostNL\Exception\NotSupportedException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Throws** *\Firstred\PostNL\Exception\DeserializationException***Throws** *\Firstred\PostNL\Exception\NotSupportedException*

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 1.2.0

ResponseGroup

class `Firstred\PostNL\Entity\Response\ResponseGroup`

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($GroupCount, $GroupSequence, $GroupType, $MainBarcode)`
- `public getGroupCount()`
- `public setGroupCount($GroupCount)`
- `public getGroupSequence()`
- `public setGroupSequence($GroupSequence)`
- `public getGroupType()`
- `public setGroupType($GroupType)`
- `public getMainBarcode()`
- `public setMainBarcode($MainBarcode)`

Properties

protected static property `Firstred\PostNL\Entity\Response\ResponseGroup::$GroupCount`

Amount of shipments in the ResponseGroup.

Type string | null

protected static property

`Firstred\PostNL\Entity\Response\ResponseGroup::$GroupSequence`

Sequence number.

Type string | null

protected static property `Firstred\PostNL\Entity\Response\ResponseGroup::$GroupType`

The type of Group.

Possible values:

- `01`: Collection request
- `03`: Multiple parcels in one shipment (multi-colli)
- `04`: Single parcel in one shipment

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseGroup::\$MainBarcode

Main barcode for the shipment.

Type string | null

Methods

public Firstred\PostNL\Entity\Response\ResponseGroup::__construct(*\$GroupCount=null*,
\$GroupSequence=null,
\$GroupType=null,
\$MainBarcode=null)

Parameters

- **\$GroupCount** (string | null)
- **\$GroupSequence** (string | null)
- **\$GroupType** (string | null)
- **\$MainBarcode** (string | null)

public Firstred\PostNL\Entity\Response\ResponseGroup::getGroupCount()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseGroup::setGroupCount(*\$GroupCount*)

Parameters

- **\$GroupCount** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseGroup::getGroupSequence()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseGroup::setGroupSequence(*\$GroupSequence*)

Parameters

- **\$GroupSequence** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseGroup::getGroupType()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseGroup::setGroupType(*\$GroupType*)

Parameters

- **\$GroupType** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseGroup::getMainBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseGroup::setMainBarcode(*\$MainBarcode*)

Parameters

- **\$MainBarcode** (string | null)

Returns static

GenerateBarcodeResponse

class Firstred\PostNL\Entity\Response\GenerateBarcodeResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Barcode)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*

Properties

protected static property

Firstred\PostNL\Entity\Response\GenerateBarcodeResponse::\$Barcode

Type string | null

Methods

public Firstred\PostNL\Entity\Response\GenerateBarcodeResponse::__construct(*\$Barcode=null*)

Parameters

- **\$Barcode** (string | null)

public Firstred\PostNL\Entity\Response\GenerateBarcodeResponse::getBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\GenerateBarcodeResponse::setBarcode(*\$Barcode*)

Parameters

- **\$Barcode** (string | null)

Returns static

GetLocationsInAreaResponse

class Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$GetLocationsResult)*
- *public getGetLocationsResult()*
- *public setGetLocationsResult(\$GetLocationsResult)*
- *public jsonSerialize()*

Properties

protected static property

Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse::\$GetLocationsResult

Type *\Firstred\PostNL\Entity\Response\GetLocationsResult* | null

Methods

public Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse::__construct(*\$GetLocationsResult=null*)

Parameters

- **\$GetLocationsResult** (*Firstred\PostNL\Entity\Response\GetLocationsResult* | null)

public Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse::getGetLocationsResult()

Returns *\Firstred\PostNL\Entity\Response\GetLocationsResult* | null

public Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse::setGetLocationsResult(*\$GetLocationsResult*)

Parameters

- **\$GetLocationsResult** (*Firstred\PostNL\Entity\Response\GetLocationsResult* | null)

Returns static

public Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse::jsonSerialize()

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

CurrentStatusResponse

class Firstred\PostNL\Entity\Response\CurrentStatusResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Shipments, \$Warnings)*
- *public getShipments()*
- *public setShipments(\$Shipments)*
- *public getWarnings()*
- *public setWarnings(\$Warnings)*

Properties

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponse::\$Shipments

Type *\Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment[]* | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponse::\$Warnings

Type *\Firstred\PostNL\Entity\Warning[]* | null

Methods

public Firstred\PostNL\Entity\Response\CurrentStatusResponse::__construct(*\$Shipments=null, \$Warnings=null*)

Parameters

- **\$Shipments** (array | null)
- **\$Warnings** (array | null)

public Firstred\PostNL\Entity\Response\CurrentStatusResponse::getShipments()

Returns *\Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment[]* | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponse::setShipments(*\$Shipments*)

Parameters

- **\$Shipments** (*Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponse::getWarnings()

Returns `\Firstred\PostNL\Entity\Warning[] | null`

public Firstred\PostNL\Entity\Response\CurrentStatusResponse::setWarnings(\$Warnings)

Parameters

- `$Warnings` (`Firstred\PostNL\Entity\Warning[] | null`)

Returns static

CompleteStatusResponse

class Firstred\PostNL\Entity\Response\CompleteStatusResponse

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($Shipments, $Warnings)`
- `public getShipments()`
- `public setShipments($Shipments)`
- `public getWarnings()`
- `public setWarnings($Warnings)`
- `public static jsonDeserialize($json)`

Properties

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponse::\$Shipments

Type `\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment[] | null`

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponse::\$Warnings

Type `\Firstred\PostNL\Entity\Warning | null`

Methods

public Firstred\PostNL\Entity\Response\CompleteStatusResponse::__construct(\$Shipments=null, \$Warnings=null)

Parameters

- `$Shipments` (array | null)
- `$Warnings` (array | null)

public Firstred\PostNL\Entity\Response\CompleteStatusResponse::getShipments()

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment[]`
| null

public `Firstred\PostNL\Entity\Response\CompleteStatusResponse::setShipments($Shipments)`

Parameters

- **\$Shipments** (`Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment[]` | null)

Returns static

public `Firstred\PostNL\Entity\Response\CompleteStatusResponse::getWarnings()`

Returns `\Firstred\PostNL\Entity\Warning` | null

public `Firstred\PostNL\Entity\Response\CompleteStatusResponse::setWarnings($Warnings)`

Parameters

- **\$Warnings** (`Firstred\PostNL\Entity\Warning` | null)

Returns static

public static `Firstred\PostNL\Entity\Response\CompleteStatusResponse::jsonDeserialize($json)`

Parameters

- **\$json** (stdClass)

Returns static

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

ResponseLocation

class `Firstred\PostNL\Entity\Response\ResponseLocation`

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($Address, $DeliveryOptions, $Distance, $Latitude, $Longitude, $Name, $OpeningHours, $PartnerName, $PhoneNumber, $LocationCode, $RetailNetworkID, $Saleschannel, $TerminalType, $Warnings, $DownPartnerID, $DownPartnerLocation, $Sustainability)`
- `public getAddress()`
- `public setAddress($Address)`
- `public getDeliveryOptions()`
- `public setDeliveryOptions($DeliveryOptions)`
- `public getDistance()`
- `public setDistance($Distance)`
- `public getLatitude()`
- `public setLatitude($Latitude)`
- `public getLongitude()`
- `public setLongitude($Longitude)`
- `public getName()`
- `public setName($Name)`
- `public getOpeningHours()`
- `public setOpeningHours($OpeningHours)`
- `public getPartnerName()`
- `public setPartnerName($PartnerName)`
- `public getPhoneNumber()`
- `public setPhoneNumber($PhoneNumber)`
- `public getLocationCode()`
- `public setLocationCode($LocationCode)`
- `public getRetailNetworkID()`
- `public setRetailNetworkID($RetailNetworkID)`
- `public getSaleschannel()`
- `public setSaleschannel($Saleschannel)`
- `public getTerminalType()`
- `public setTerminalType($TerminalType)`
- `public getWarnings()`
- `public setWarnings($Warnings)`
- `public getDownPartnerID()`
- `public setDownPartnerID($DownPartnerID)`
- `public getDownPartnerLocation()`
- `public setDownPartnerLocation($DownPartnerLocation)`
- `public getSustainability()`

- `public setSustainability($Sustainability)`
- `public static jsonDeserialize($json)`

Properties

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Address

Type `\Firstred\PostNL\Entity\Address` | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$DeliveryOptions

Type string[] | null

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Distance

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Latitude

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Longitude

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Name

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$OpeningHours

Type `\Firstred\PostNL\Entity\OpeningHours` | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$PartnerName

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$PhoneNumber

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$LocationCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$RetailNetworkID

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$Saleschannel

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$TerminalType

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseLocation::\$Warnings

Type `\Firstred\PostNL\Entity\Warning[]` | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$DownPartnerID

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$DownPartnerLocation

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseLocation::\$Sustainability

Type \Firstred\PostNL\Entity\Sustainability | null

Methods

```
public Firstred\PostNL\Entity\Response\ResponseLocation::__construct($Address=null, $DeliveryOptions=null,
    $Distance=null,
    $Latitude=null,
    $Longitude=null,
    $Name=null,
    $OpeningHours=null,
    $PartnerName=null,
    $PhoneNumber=null,
    $LocationCode=null,
    $RetailNetworkID=null,
    $Saleschannel=null,
    $TerminalType=null,
    $Warnings=null,
    $DownPartnerID=null,
    $DownPartnerLocation=null,
    $Sustainability=null)
```

Parameters

- **\$Address** (*Firstred\PostNL\Entity\Address* | null)
- **\$DeliveryOptions** (array | null)
- **\$Distance** (string | null)
- **\$Latitude** (string | null)
- **\$Longitude** (string | null)
- **\$Name** (string | null)
- **\$OpeningHours** (*Firstred\PostNL\Entity\OpeningHours* | null)
- **\$PartnerName** (string | null)
- **\$PhoneNumber** (string | null)
- **\$LocationCode** (string | null)
- **\$RetailNetworkID** (string | null)
- **\$Saleschannel** (string | null)
- **\$TerminalType** (string | null)
- **\$Warnings** (array | null)
- **\$DownPartnerID** (string | null)

- **\$DownPartnerLocation** (string | null)
- **\$Sustainability** (*Firstred\PostNL\Entity\Sustainability* | null)

public Firstred\PostNL\Entity\Response\ResponseLocation::getAddress()

Returns *\Firstred\PostNL\Entity\Address* | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setAddress(*\$Address*)

Parameters

- **\$Address** (*Firstred\PostNL\Entity\Address* | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getDeliveryOptions()

Returns string[] | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setDeliveryOptions(*\$DeliveryOptions*)

Parameters

- **\$DeliveryOptions** (array | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getDistance()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setDistance(*int|float|string|null*
\$Distance)

Parameters

- **\$Distance** (int | float | string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getLatitude()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setLatitude(*float|string|null*
\$Latitude)

Parameters

- **\$Latitude** (float | string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getLongitude()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setLongitude(*float|string|null*
\$Longitude)

Parameters

- **\$Longitude** (float | string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setName(\$Name)

Parameters

- **\$Name** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getOpeningHours()

Returns *Firstred\PostNL\Entity\OpeningHours* | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setOpeningHours(\$OpeningHours)

Parameters

- **\$OpeningHours** (*Firstred\PostNL\Entity\OpeningHours* | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getPartnerName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setPartnerName(\$PartnerName)

Parameters

- **\$PartnerName** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getPhoneNumber()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setPhoneNumber(\$PhoneNumber)

Parameters

- **\$PhoneNumber** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getLocationCode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setLocationCode(int|string|null
\$LocationCode)

Parameters

- **\$LocationCode** (int | string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getRetailNetworkID()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setRetailNetworkID(*\$RetailNetworkID*)

Parameters

- **\$RetailNetworkID** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getSaleschannel()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setSaleschannel(*\$Saleschannel*)

Parameters

- **\$Saleschannel** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getTerminalType()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setTerminalType(*\$TerminalType*)

Parameters

- **\$TerminalType** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getWarnings()

Returns *\Firstred\PostNL\Entity\Warning[]* | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setWarnings(*\$Warnings*)

Parameters

- **\$Warnings** (*Firstred\PostNL\Entity\Warning[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getDownPartnerID()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseLocation::setDownPartnerID(*\$DownPartnerID*)

Parameters

- **\$DownPartnerID** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseLocation::getDownPartnerLocation()

Returns string | null


```
public Firstred\PostNL\Entity\Response\ResponseLocation::setDownPartnerLocation($DownPartnerLocation)
```

Parameters

- **`$DownPartnerLocation`** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\ResponseLocation::getSustainability()
```

Returns `\Firstred\PostNL\Entity\Sustainability` | null**Since** 1.4.2

```
public Firstred\PostNL\Entity\Response\ResponseLocation::setSustainability($Sustainability)
```

Parameters

- **`$Sustainability`** (`\Firstred\PostNL\Entity\Sustainability` | null)

Returns static**Since** 1.4.2

```
public static Firstred\PostNL\Entity\Response\ResponseLocation::jsonDeserialize($json)
```

Parameters

- **`$json`** (stdClass)

Returns static**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**MergedLabel**

```
class Firstred\PostNL\Entity\Response\MergedLabel
```

Parent `\Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- *public __construct(\$Barcodes, \$Labels)*
- *public getBarcodes()*
- *public setBarcodes(\$Barcodes)*
- *public getLabels()*
- *public setLabels(\$Labels)*

Properties

protected static property Firstred\PostNL\Entity\Response\MergedLabel::\$Barcodes

Type string[] | null

protected static property Firstred\PostNL\Entity\Response\MergedLabel::\$Labels

Type \Firstred\PostNL\Entity\Label[] | null

Methods

public Firstred\PostNL\Entity\Response\MergedLabel::__construct(*\$Barcodes=null*,
\$Labels=null)

Parameters

- **\$Barcodes** (array | null)
- **\$Labels** (array | null)

public Firstred\PostNL\Entity\Response\MergedLabel::getBarcodes()

Returns string[] | null

public Firstred\PostNL\Entity\Response\MergedLabel::setBarcodes(*\$Barcodes*)

Parameters

- **\$Barcodes** (string[] | null)

Returns static

public Firstred\PostNL\Entity\Response\MergedLabel::getLabels()

Returns \Firstred\PostNL\Entity\Label[] | null

public Firstred\PostNL\Entity\Response\MergedLabel::setLabels(*\$Labels*)

Parameters

- **\$Labels** (*Firstred\PostNL\Entity\Label[]* | null)

Returns static

GetSentDateResponse

class Firstred\PostNL\Entity\Response\GetSentDateResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$GetSentDate, \$Options)*
- *public setSentDate(\$SentDate)*
- *public getOptions()*
- *public setOptions(\$Options)*
- *public getSentDate()*

Properties

protected static property

Firstred\PostNL\Entity\Response\GetSentDateResponse::\$SentDate

Type \DateTimeInterface | null

protected static property

Firstred\PostNL\Entity\Response\GetSentDateResponse::\$Options

Type string[] | null

Methods

public Firstred\PostNL\Entity\Response\GetSentDateResponse::__construct(*\$GetSentDate=null*,
\$Options=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\Entity\Response\GetSentDateResponse::setSentDate(*string|\DateTimeInterface|null*
\$SentDate=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

public Firstred\PostNL\Entity\Response\GetSentDateResponse::getOptions()

Returns string[] | null

public Firstred\PostNL\Entity\Response\GetSentDateResponse::setOptions(*\$Options*)

Parameters

- *\$Options* (string[] | null)

Returns static

public Firstred\PostNL\Entity\Response\GetSentDateResponse::getSentDate()

Returns \DateTimeInterface | null

UpdatedShipmentsResponse

class Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Barcode, \$CreationDate, \$CustomerNumber, \$CustomerCode, \$Status)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*
- *public getCustomerNumber()*
- *public setCustomerNumber(\$CustomerNumber)*
- *public getCustomerCode()*
- *public setCustomerCode(\$CustomerCode)*
- *public getStatus()*
- *public setStatus(\$Status)*
- *public getCreationDate()*
- *public setCreationDate(\$CreationDate)*

Properties

protected static property

Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::\$Barcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::\$CreationDate

Type \DateTimeInterface | null

protected static property

Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::\$CustomerNumber

Type string | null

protected static property

Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::\$CustomerCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::\$Status

Type \Firstred\PostNL\Entity>Status | null

Methods

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::__construct($Barcode=null,
                                                                              string\DateTimeInterface|null
                                                                              $Creation-
                                                                              Date=null,
                                                                              $Customer-
                                                                              Num-
                                                                              ber=null,
                                                                              $Customer-
                                                                              Code=null,
                                                                              $Sta-
                                                                              tus=null)
```

Throws [*\Firstred\PostNL\Exception\InvalidArgumentException*](#)

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::getBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::setBarcode($Barcode)
```

Parameters

- **\$Barcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::getCustomerNumber()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::setCustomerNumber($CustomerNumber)
```

Parameters

- **\$CustomerNumber** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::getCustomerCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::setCustomerCode($CustomerCode)
```

Parameters

- **\$CustomerCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::getStatus()
```

Returns [*\Firstred\PostNL\Entity>Status*](#) | null

```
public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::setStatus($Status)
```

Parameters

- **\$Status** ([*Firstred\PostNL\Entity>Status*](#) | null)

Returns static

public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::getCreationDate()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse::setCreationDate(*string*|\DateTimeInterface
\$Creation-
Date=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

GetSignatureResponseSignature

class Firstred\PostNL\Entity\Response\GetSignatureResponseSignature

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public* __construct(\$Barcode, \$SignatureDate, \$SignatureImage)
- *public* getBarcode()
- *public* setBarcode(\$Barcode)
- *public* getSignatureImage()
- *public* setSignatureImage(\$SignatureImage)
- *public* getSignatureDate()
- *public* setSignatureDate(\$SignatureDate)

Properties

protected static property

Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::\$Barcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::\$SignatureDate

Type \DateTimeInterface | null

protected static property

Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::\$SignatureImage

Type string | null

Methods

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::__construct($Barcode=null,  
                                         $SignatureDate=null,  
                                         $SignatureImage=null)
```

Throws [*\Firstred\PostNL\Exception\InvalidArgumentException*](#)

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::getBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::setBarcode($Barcode)
```

Parameters

- **\$Barcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::getSignatureImage()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::setSignatureImage($SignatureImage)
```

Parameters

- **\$SignatureImage** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::getSignatureDate()
```

Returns [*\DateTimeInterface*](#) | null

```
public Firstred\PostNL\Entity\Response\GetSignatureResponseSignature::setSignatureDate(string|\DateTimeInterface  
                                             $SignatureDate=null)
```

Throws [*\Firstred\PostNL\Exception\InvalidArgumentException*](#)

Since 1.2.0

ResponseAmount

```
class Firstred\PostNL\Entity\Response\ResponseAmount
    Parent Firstred\PostNL\Entity\AbstractEntity
```

Summary

Methods

- `public __construct($AccountName, $ResponseAmount, $BIC, $Currency, $IBAN, $Reference, $TransactionNumber, $Value, $VerzekerdBedrag)`
- `public getAccountName()`
- `public setAccountName($AccountName)`
- `public getResponseAmountType()`
- `public setResponseAmountType($ResponseAmountType)`
- `public getBIC()`
- `public setBIC($BIC)`
- `public getCurrency()`
- `public setCurrency($Currency)`
- `public getIBAN()`
- `public setIBAN($IBAN)`
- `public getReference()`
- `public setReference($Reference)`
- `public getTransactionNumber()`
- `public setTransactionNumber($TransactionNumber)`
- `public getValue()`
- `public setValue($Value)`
- `public getVerzekerdBedrag()`
- `public setVerzekerdBedrag($VerzekerdBedrag)`

Properties

```
protected static property Firstred\PostNL\Entity\Response\ResponseAmount::$AccountName
    Type string | null
```

```
protected static property
Firstred\PostNL\Entity\Response\ResponseAmount::$ResponseAmountType
    Type string | null
```

```
protected static property Firstred\PostNL\Entity\Response\ResponseAmount::$BIC
    Type string | null
```

```
protected static property Firstred\PostNL\Entity\Response\ResponseAmount::$Currency
    Type string | null
```

```
protected static property Firstred\PostNL\Entity\Response\ResponseAmount::$IBAN
```


Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseAmount::\$Reference

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseAmount::\$TransactionNumber

Type string | null

protected static property Firstred\PostNL\Entity\Response\ResponseAmount::\$Value

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ResponseAmount::\$VerzekerdBedrag

Type string | null

Methods

public Firstred\PostNL\Entity\Response\ResponseAmount::__construct(*\$AccountName=null, \$ResponseAmount=null, \$BIC=null, \$Currency=null, \$IBAN=null, \$Reference=null, \$TransactionNumber=null, \$Value=null, \$VerzekerdBedrag=null*)

Parameters

- **\$AccountName** (string | null)
- **\$ResponseAmount** (string | null)
- **\$BIC** (string | null)
- **\$Currency** (string | null)
- **\$IBAN** (string | null)
- **\$Reference** (string | null)
- **\$TransactionNumber** (string | null)
- **\$Value** (string | null)
- **\$VerzekerdBedrag** (string | null)

public Firstred\PostNL\Entity\Response\ResponseAmount::getAccountName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setAccountName(*\$AccountName*)

Parameters

- **\$AccountName** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getResponseAmountType()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setResponseAmountType(*\$ResponseAmountType*)

Parameters

- **\$ResponseAmountType** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getBIC()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setBIC(*\$BIC*)

Parameters

- **\$BIC** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getCurrency()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setCurrency(*\$Currency*)

Parameters

- **\$Currency** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getIBAN()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setIBAN(*\$IBAN*)

Parameters

- **\$IBAN** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getReference()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setReference(*\$Reference*)

Parameters

- **\$Reference** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAmount::getTransactionNumber()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAmount::setTransactionNumber(*\$TransactionNumber*)

Parameters

- **\$TransactionNumber** (string | null)

Returns static**public** Firstred\PostNL\Entity\Response\ResponseAmount::getValue()**Returns** string | null**public** Firstred\PostNL\Entity\Response\ResponseAmount::setValue(\$Value)**Parameters**

- **\$Value** (string | null)

Returns static**public** Firstred\PostNL\Entity\Response\ResponseAmount::getVerzekerdBedrag()**Returns** string | null**public** Firstred\PostNL\Entity\Response\ResponseAmount::setVerzekerdBedrag(\$VerzekerdBedrag)**Parameters**

- **\$VerzekerdBedrag** (string | null)

Returns static**GenerateLabelResponse****class** Firstred\PostNL\Entity\Response\GenerateLabelResponse**Parent** *Firstred\PostNL\Entity\AbstractEntity***Summary****Methods**

- *public __construct(\$MergedLabels, \$ResponseShipments)*
- *public getMergedLabels()*
- *public setMergedLabels(\$MergedLabels)*
- *public getResponseShipments()*
- *public setResponseShipments(\$ResponseShipments)*

Properties

protected static property

Firstred\PostNL\Entity\Response\GenerateLabelResponse::\$MergedLabels

Type *\Firstred\PostNL\Entity\Response\MergedLabel[]* | null

protected static property

Firstred\PostNL\Entity\Response\GenerateLabelResponse::\$ResponseShipments

Type *\Firstred\PostNL\Entity\Response\ResponseShipment[]* | null

Methods

public Firstred\PostNL\Entity\Response\GenerateLabelResponse::__construct(*\$MergedLabels=null*,
\$ResponseShipments=null)

Parameters

- **\$MergedLabels** (array | null)
- **\$ResponseShipments** (array | null)

public Firstred\PostNL\Entity\Response\GenerateLabelResponse::getMergedLabels()

Returns *\Firstred\PostNL\Entity\Response\MergedLabel[]* | null

public Firstred\PostNL\Entity\Response\GenerateLabelResponse::setMergedLabels(*\$MergedLabels*)

Parameters

- **\$MergedLabels** (*Firstred\PostNL\Entity\Response\MergedLabel[]* | null)

Returns static

public Firstred\PostNL\Entity\Response\GenerateLabelResponse::getResponseShipments()

Returns *\Firstred\PostNL\Entity\Response\ResponseShipment[]* | null

public Firstred\PostNL\Entity\Response\GenerateLabelResponse::setResponseShipments(*\$ResponseShipments*)

Parameters

- **\$ResponseShipments** (*Firstred\PostNL\Entity\Response\ResponseShipment[]* | null)

Returns static

ResponseAddress

class Firstred\PostNL\Entity\Response\ResponseAddress

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- `public __construct($AddressType, $FirstName, $Name, $CompanyName, $Street, $HouseNr, $HouseNrExt, $Zipcode, $City, $Countrycode, $Area, $Buildingname, $Department, $Doorcode, $Floor, $Region, $Remark)`
- `public getAddressType()`
- `public setAddressType($AddressType)`
- `public getArea()`
- `public setArea($Area)`
- `public getBuildingname()`
- `public setBuildingname($Buildingname)`
- `public getCity()`
- `public setCity($City)`
- `public getCompanyName()`
- `public setCompanyName($CompanyName)`
- `public getCountrycode()`
- `public setCountrycode($Countrycode)`
- `public getDepartment()`
- `public setDepartment($Department)`
- `public getDoorcode()`
- `public setDoorcode($Doorcode)`
- `public getFirstName()`
- `public setFirstName($FirstName)`
- `public getFloor()`
- `public setFloor($Floor)`
- `public getHouseNr()`
- `public setHouseNr($HouseNr)`
- `public getHouseNrExt()`
- `public setHouseNrExt($HouseNrExt)`
- `public getName()`
- `public setName($Name)`
- `public getRegion()`
- `public setRegion($Region)`
- `public getRemark()`
- `public setRemark($Remark)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getOther()`

- `public setOther($other)`
- `public getZipcode()`
- `public setZipcode($Zipcode)`

Properties

protected static property

`Firstred\PostNL\Entity\Response\ResponseAddress::$AddressType`

PostNL internal applications validate the receiver ResponseAddress. In case the spelling of ResponseAddresses should be different according to our PostNL information, the ResponseAddress details will

be corrected. This can be noticed in Track & Trace.

Please note that the webservice will not add ResponseAddress details. Street and City fields will only be printed when they are in the call towards the labeling webservice.

The element ResponseAddress type is a code in the request. Possible values are:

Code Description

01 Receiver

02 Sender

03 Alternative sender ResponseAddress

04 Collection ResponseAddress (In the orders need to be collected first)

08 Return ResponseAddress*

09 Drop off location (for use with Pick up at PostNL location)

> * When using the 'label in the box return label', it is mandatory to use an

> `Antwoordnummer` in AddressType 08.

> This cannot be a regular ResponseAddress

The following rules apply:

If there is no ResponseAddress specified with AddressType = 02, the data from Customer/ResponseAddress will be added to the list as AddressType 02.

If there is no Customer/ResponseAddress, the message will be rejected.

At least one other AddressType must be specified, other than AddressType 02

In most cases this will be AddressType 01, the receiver ResponseAddress.

Type string | null

protected static property `Firstred\PostNL\Entity\Response\ResponseAddress::$Area`

Type string | null

protected static property

`Firstred\PostNL\Entity\Response\ResponseAddress::$Buildingname`

Type string | null

protected static property `Firstred\PostNL\Entity\Response\ResponseAddress::$City`

Type string | null

protected static property**Firstred\PostNL\Entity\Response\ResponseAddress::\$CompanyName****Type** string | null**protected static property****Firstred\PostNL\Entity\Response\ResponseAddress::\$Countrycode****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Department****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Doorcode****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$FirstName****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Floor****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$HouseNr****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$HouseNrExt****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Name****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Region****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Remark****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Street****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$Zipcode****Type** string | null**protected static property Firstred\PostNL\Entity\Response\ResponseAddress::\$other**

Methods

```
public Firstred\PostNL\Entity\Response\ResponseAddress::__construct($AddressType=null,  
                                                                    $FirstName=null,  
                                                                    $Name=null,  
                                                                    $CompanyName=null,  
                                                                    $Street=null,  
                                                                    $HouseNr=null,  
                                                                    $HouseNrExt=null,  
                                                                    $Zipcode=null,  
                                                                    $City=null,  
                                                                    $Countrycode=null,  
                                                                    $Area=null,  
                                                                    $Buildingname=null,  
                                                                    $Department=null,  
                                                                    $Doorcode=null,  
                                                                    $Floor=null,  
                                                                    $Region=null,  
                                                                    $Remark=null)
```

Parameters

- **\$AddressType** (string | null)
- **\$FirstName** (string | null)
- **\$Name** (string | null)
- **\$CompanyName** (string | null)
- **\$Street** (string | null)
- **\$HouseNr** (string | null)
- **\$HouseNrExt** (string | null)
- **\$Zipcode** (string | null)
- **\$City** (string | null)
- **\$Countrycode** (string | null)
- **\$Area** (string | null)
- **\$Buildingname** (string | null)
- **\$Department** (string | null)
- **\$Doorcode** (string | null)
- **\$Floor** (string | null)
- **\$Region** (string | null)
- **\$Remark** (string | null)

```
public Firstred\PostNL\Entity\Response\ResponseAddress::getAddressType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\ResponseAddress::setAddressType($AddressType)
```

Parameters

- **\$AddressType** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getArea()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setArea(*\$Area*)

Parameters

- **\$Area** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getBuildingname()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setBuildingname(*\$Buildingname*)

Parameters

- **\$Buildingname** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getCity()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setCity(*\$City*)

Parameters

- **\$City** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getCompanyName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setCompanyName(*\$CompanyName*)

Parameters

- **\$CompanyName** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getCountrycode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setCountrycode(*\$Countrycode*)

Parameters

- **\$Countrycode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getDepartment()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setDepartment(*\$Department*)

Parameters

- **\$Department** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getDoorcode()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setDoorcode(*\$Doorcode*)

Parameters

- **\$Doorcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getFirstName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setFirstName(*\$FirstName*)

Parameters

- **\$FirstName** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getFloor()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setFloor(*\$Floor*)

Parameters

- **\$Floor** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getHouseNr()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setHouseNr(*\$HouseNr*)

Parameters

- **\$HouseNr** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getHouseNrExt()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setHouseNrExt(*\$HouseNrExt*)

Parameters

- **\$HouseNrExt** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getName()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setName(*\$Name*)

Parameters

- **\$Name** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getRegion()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setRegion(*\$Region*)

Parameters

- **\$Region** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getRemark()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setRemark(*\$Remark*)

Parameters

- **\$Remark** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getStreet()

Returns string | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setStreet(*\$Street*)

Parameters

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ResponseAddress::getOther()

Returns array | null

public Firstred\PostNL\Entity\Response\ResponseAddress::setOther(*\$other*)

Parameters

- **\$other** (array | null)

Returns [\Firstred\PostNL\Entity\Response\ResponseAddress](#)

```
public Firstred\PostNL\Entity\Response\ResponseAddress::getZipcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\ResponseAddress::setZipcode($Zipcode=null)
```

Parameters

- **\$Zipcode** (string | null)

Returns static

CurrentStatusResponseShipment

```
class Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Addresses, \$Amounts, \$Barcode, \$Customer, \$DeliveryDate, \$Dimension, \$Expectation, \$Groups, \$ProductCode, \$ProductOptions, \$Reference, \$Status, \$Warnings, \$MainBarcode, \$ShipmentAmount, \$ShipmentCounter, \$ProductDescription)*
- *public getDeliveryDate()*
- *public setDeliveryDate(\$DeliveryDate)*
- *public getAddresses()*
- *public setAddresses(\$Addresses)*
- *public getAmounts()*
- *public setAmounts(\$Amounts)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*
- *public getCustomer()*
- *public setCustomer(\$Customer)*
- *public getDimension()*
- *public setDimension(\$Dimension)*
- *public getExpectation()*
- *public setExpectation(\$Expectation)*
- *public getGroups()*
- *public setGroups(\$Groups)*
- *public getMainBarcode()*
- *public setMainBarcode(\$MainBarcode)*
- *public getProductCode()*
- *public setProductCode(\$ProductCode)*

- `public getProductDescription()`
- `public setProductDescription($ProductDescription)`
- `public getProductOptions()`
- `public setProductOptions($ProductOptions)`
- `public getReference()`
- `public setReference($Reference)`
- `public getShipmentAmount()`
- `public setShipmentAmount($ShipmentAmount)`
- `public getShipmentCounter()`
- `public setShipmentCounter($ShipmentCounter)`
- `public getStatus()`
- `public setStatus($Status)`
- `public getWarnings()`
- `public setWarnings($Warnings)`
- `public static jsonDeserialize($json)`

Properties

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Addresses

Type `\Firstred\PostNL\Entity>StatusAddress[]` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Amounts

Type `\Firstred\PostNL\Entity\Amount[]` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Barcode

Type `string` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Customer

Type `\Firstred\PostNL\Entity\Customer` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$DeliveryDate

Type `\DateTimeInterface` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Dimension

Type `\Firstred\PostNL\Entity\Dimension` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Expectation

Type `\Firstred\PostNL\Entity\Expectation` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Groups

Type `\Firstred\PostNL\Entity\Group[]` | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$MainBarcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$ProductCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$ProductDescription

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$ProductOptions

Type \Firstred\PostNL\Entity\ProductOption[] | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Reference

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$ShipmentAmount

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$ShipmentCounter

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Status

Type \Firstred\PostNL\Entity>Status | null

protected static property

Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::\$Warnings

Type \Firstred\PostNL\Entity\Warning[] | null

Methods

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::__construct($Addresses=null,
                                          $Amounts=null,
                                          $Bar-
                                          code=null,
                                          $Cus-
                                          tomer=null,
                                          \Date-
                                          TimeIn-
                                          ter-
                                          face|string|null
                                          $De-
                                          liv-
                                          ery-
                                          Date=null,
                                          $Di-
                                          men-
                                          sion=null,
                                          $Ex-
                                          pec-
                                          ta-
                                          tion=null,
                                          $Groups=null,
                                          $Pro-
                                          duct-
                                          Code=null,
                                          $Pro-
                                          duc-
                                          tOp-
                                          tions=null,
                                          $Ref-
                                          er-
                                          ence=null,
                                          $Sta-
                                          tus=null,
                                          $Warn-
                                          ings=null,
                                          $Main-
                                          Bar-
                                          code=null,
                                          $Ship-
                                          men-
                                          tA-
                                          mount=null,
                                          $Ship-
                                          ment-
                                          Counter=null,
                                          $Pro-
                                          duct-
                                          De-
                                          scrip-
                                          tion=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getDeliveryDate()
```

Returns `\DateTimeInterface | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setDeliveryDate(string $DeliveryDate=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.2.0

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getAddresses()
```

Returns `\Firstred\PostNL\Entity>StatusAddress[] | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setAddresses($Addresses)
```

Parameters

- **\$Addresses** (`\Firstred\PostNL\Entity>StatusAddress[] | null`)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getAmounts()
```

Returns `\Firstred\PostNL\Entity\Amount[] | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setAmounts($Amounts)
```

Parameters

- **\$Amounts** (`\Firstred\PostNL\Entity\Amount[] | null`)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getBarcode()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setBarcode($Barcode)
```

Parameters

- **\$Barcode** (`string | null`)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getCustomer()
```

Returns `\Firstred\PostNL\Entity\Customer | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setCustomer($Customer)
```

Parameters

- **\$Customer** (`\Firstred\PostNL\Entity\Customer | null`)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getDimension()
```

Returns `\Firstred\PostNL\Entity\Dimension | null`


```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setDimension($Dimension)
```

Parameters

- **\$Dimension** (*Firstred\PostNL\Entity\Dimension* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getExpectation()
```

Returns *\Firstred\PostNL\Entity\Expectation* | null

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setExpectation($Expectation)
```

Parameters

- **\$Expectation** (*Firstred\PostNL\Entity\Expectation* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getGroups()
```

Returns *\Firstred\PostNL\Entity\Group[]* | null

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setGroups($Groups)
```

Parameters

- **\$Groups** (*Firstred\PostNL\Entity\Group[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getMainBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setMainBarcode($MainBarcode)
```

Parameters

- **\$MainBarcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getProductCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setProductCode($ProductCode)
```

Parameters

- **\$ProductCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getProductDescription()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setProductDescription($ProductD
```

Parameters

- **\$ProductDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getProductOptions()

Returns \Firstred\PostNL\Entity\ProductOption[] | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setProductOptions(\$ProductOptions)

Parameters

- **\$ProductOptions** (\Firstred\PostNL\Entity\ProductOption[] | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getReference()

Returns string | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setReference(\$Reference)

Parameters

- **\$Reference** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getShipmentAmount()

Returns string | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setShipmentAmount(\$ShipmentAmount)

Parameters

- **\$ShipmentAmount** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getShipmentCounter()

Returns string | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setShipmentCounter(\$ShipmentCounter)

Parameters

- **\$ShipmentCounter** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getStatus()

Returns \Firstred\PostNL\Entity>Status | null

public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setStatus(\$Status)

Parameters

- **\$Status** (\Firstred\PostNL\Entity>Status | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::getWarnings()
```

Returns `\Firstred\PostNL\Entity\Warning[] | null`

```
public Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::setWarnings($Warnings)
```

Parameters

- `$Warnings` (`\Firstred\PostNL\Entity\Warning[] | null`)

Returns static

```
public static Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment::jsonDeserialize($json)
```

Parameters

- `$json` (stdClass)

Returns `\Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 1.2.0

ConfirmingResponseShipment

```
class Firstred\PostNL\Entity\Response\ConfirmingResponseShipment
```

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($Barcode, $Warnings)`
- `public getBarcode()`
- `public setBarcode($Barcode)`
- `public getWarnings()`
- `public setWarnings($Warnings)`

Properties

protected static property

Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::\$Barcode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::\$Warnings

Type \Firstred\PostNL\Entity\Warning[] | null

Methods

public Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::__construct(*\$Barcode=null*,
\$Warnings=null)

Parameters

- **\$Barcode** (string | null)
- **\$Warnings** (array | null)

public Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::getBarcode()

Returns string | null

public Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::setBarcode(*\$Barcode*)

Parameters

- **\$Barcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::getWarnings()

Returns \Firstred\PostNL\Entity\Warning[] | null

public Firstred\PostNL\Entity\Response\ConfirmingResponseShipment::setWarnings(*\$Warnings*)

Parameters

- **\$Warnings** (*Firstred\PostNL\Entity\Warning[]* | null)

Returns static

GetDeliveryDateResponse

class Firstred\PostNL\Entity\Response\GetDeliveryDateResponse

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- `public __construct($DeliveryDate, $Options)`
- `public getOptions()`
- `public setOptions($Options)`
- `public getDeliveryDate()`
- `public setDeliveryDate($DeliveryDate)`
- `public static jsonDeserialize($json)`

Properties

protected static property

Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::\$DeliveryDate

Type \DateTimeInterface | null

protected static property

Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::\$Options

Type string[] | null

Methods

public Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::__construct(*string*|\DateTimeInterface|null \$DeliveryDate=null, *Options* \$Options=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

public Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::getOptions()

Returns string[] | null

public Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::setOptions(*Options* \$Options)

Parameters

- **\$Options** (string[] | null)

Returns \Firstred\PostNL\Entity\Response\GetDeliveryDateResponse

public Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::getDeliveryDate()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::setDeliveryDate(\DateTimeInterface|string \$DeliveryDate=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public static Firstred\PostNL\Entity\Response\GetDeliveryDateResponse::jsonDeserialize($json)
```

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

SendShipmentResponse

```
class Firstred\PostNL\Entity\Response\SendShipmentResponse
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$MergedLabels, \$ResponseShipments)*
- *public getMergedLabels()*
- *public setMergedLabels(\$MergedLabels)*
- *public getResponseShipments()*
- *public setResponseShipments(\$ResponseShipments)*

Properties

protected static property

Firstred\PostNL\Entity\Response\SendShipmentResponse::\$MergedLabels

Type *\Firstred\PostNL\Entity\Response\MergedLabel[] | null*

protected static property

Firstred\PostNL\Entity\Response\SendShipmentResponse::\$ResponseShipments

Type *\Firstred\PostNL\Entity\Response\ResponseShipment[] | null*

Methods

```
public Firstred\PostNL\Entity\Response\SendShipmentResponse::__construct($MergedLabels=null,
                                                                            $ResponseShip-
                                                                            ments=null)
```

Parameters

- **\$MergedLabels** (array | null)
- **\$ResponseShipments** (array | null)

```
public Firstred\PostNL\Entity\Response\SendShipmentResponse::getMergedLabels()
```

Returns *\Firstred\PostNL\Entity\Response\MergedLabel[] | null*

```
public Firstred\PostNL\Entity\Response\SendShipmentResponse::setMergedLabels($MergedLabels)
```

Parameters

- **\$MergedLabels** (*Firstred\PostNL\Entity\Response\MergedLabel[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Response\SendShipmentResponse::getResponseShipments()
```

Returns *\Firstred\PostNL\Entity\Response\ResponseShipment[]* | null

```
public Firstred\PostNL\Entity\Response\SendShipmentResponse::setResponseShipments($ResponseShipments)
```

Parameters

- **\$ResponseShipments** (*Firstred\PostNL\Entity\Response\ResponseShipment[]* | null)

Returns static**CompleteStatusResponseOldStatus**

```
class Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus
```

Parent *Firstred\PostNL\Entity\AbstractEntity***Summary****Methods**

- *public __construct(\$StatusCode, \$StatusDescription, \$PhaseCode, \$PhaseDescription, \$TimeStamp)*
- *public getStatusCode()*
- *public setStatusCode(\$StatusCode)*
- *public getStatusDescription()*
- *public setStatusDescription(\$StatusDescription)*
- *public getPhaseCode()*
- *public setPhaseCode(\$PhaseCode)*
- *public getPhaseDescription()*
- *public setPhaseDescription(\$PhaseDescription)*
- *public getTimeStamp()*
- *public setTimeStamp(\$TimeStamp)*

Properties

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::\$StatusCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::\$StatusDescription

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::\$PhaseCode

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::\$PhaseDescription

Type string | null

protected static property

Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::\$TimeStamp

Type \DateTimeInterface | null

Methods

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::__construct($StatusCode=null,
                                                                                      $Sta-
                                                                                      tus-
                                                                                      De-
                                                                                      scrip-
                                                                                      tion=null,
                                                                                      $PhaseC-
                                                                                      ode=null,
                                                                                      $PhaseDescrip-
                                                                                      tion=null,
                                                                                      \Date-
                                                                                      TimeIn-
                                                                                      ter-
                                                                                      face|string|null
                                                                                      $TimeS-
                                                                                      tamp=null)
```

Throws [*\Firstred\PostNL\Exception\InvalidArgumentException*](#)

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::getStatusCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::setStatusCode($StatusCode)
```

Parameters

- **\$StatusCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::getStatusDescription()
```


Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::setStatusDescription(\$StatusD

Parameters

- **\$StatusDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::getPhaseCode()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::setPhaseCode(\$PhaseCode)

Parameters

- **\$PhaseCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::getPhaseDescription()

Returns string | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::setPhaseDescription(\$PhaseDe

Parameters

- **\$PhaseDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::getTimeStamp()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Response\CompleteStatusResponseOldStatus::setTimeStamp(\DateTimeInterface
\$TimeS-
tamp=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

Classes

CoordinatesSouthEast

class Firstred\PostNL\Entity\CoordinatesSouthEast

Parent *Firstred\PostNL\Entity\Coordinates*

Summary

OldStatus

class Firstred\PostNL\Entity\OldStatus

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$PhaseCode, \$PhaseDescription, \$OldStatusCode, \$OldStatusDescription, \$TimeStamp)*
- *public getCurrentPhaseCode()*
- *public setCurrentPhaseCode(\$CurrentPhaseCode)*
- *public getCurrentPhaseDescription()*
- *public setCurrentPhaseDescription(\$CurrentPhaseDescription)*
- *public getCurrentOldStatusCode()*
- *public setCurrentOldStatusCode(\$CurrentOldStatusCode)*
- *public getCurrentOldStatusDescription()*
- *public setCurrentOldStatusDescription(\$CurrentOldStatusDescription)*
- *public getCurrentOldStatusTimeStamp()*
- *public setCurrentOldStatusTimeStamp(\$CurrentOldStatusTimeStamp)*

Properties

protected static property Firstred\PostNL\Entity\OldStatus::\$CurrentPhaseCode

Type string | null

protected static property Firstred\PostNL\Entity\OldStatus::\$CurrentPhaseDescription

Type string | null

protected static property Firstred\PostNL\Entity\OldStatus::\$CurrentOldStatusCode

Type string | null

protected static property

Firstred\PostNL\Entity\OldStatus::\$CurrentOldStatusDescription

Type string | null

protected static property Firstred\PostNL\Entity\OldStatus::\$CurrentOldStatusTimeStamp

Type string | null

Methods

```
public Firstred\PostNL\Entity\OldStatus::__construct($PhaseCode=null,  
                                                    $PhaseDescription=null,  
                                                    $OldStatusCode=null,  
                                                    $OldStatusDescription=null,  
                                                    $TimeStamp=null)
```

Parameters

- **`$PhaseCode`** (string | null)
- **`$PhaseDescription`** (string | null)
- **`$OldStatusCode`** (string | null)
- **`$OldStatusDescription`** (string | null)
- **`$TimeStamp`** (string | null)

```
public Firstred\PostNL\Entity\OldStatus::getCurrentPhaseCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\OldStatus::setCurrentPhaseCode($CurrentPhaseCode)
```

Parameters

- **`$CurrentPhaseCode`** (string | null)

Returns static

```
public Firstred\PostNL\Entity\OldStatus::getCurrentPhaseDescription()
```

Returns string | null

```
public Firstred\PostNL\Entity\OldStatus::setCurrentPhaseDescription($CurrentPhaseDescription)
```

Parameters

- **`$CurrentPhaseDescription`** (string | null)

Returns static

```
public Firstred\PostNL\Entity\OldStatus::getCurrentOldStatusCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\OldStatus::setCurrentOldStatusCode($CurrentOldStatusCode)
```

Parameters

- **`$CurrentOldStatusCode`** (string | null)

Returns static

```
public Firstred\PostNL\Entity\OldStatus::getCurrentOldStatusDescription()
```

Returns string | null

```
public Firstred\PostNL\Entity\OldStatus::setCurrentOldStatusDescription($CurrentOldStatusDescription)
```

Parameters

- **\$CurrentOldStatusDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\OldStatus::get**CurrentOldStatusTimeStamp**()

Returns string | null

public Firstred\PostNL\Entity\OldStatus::set**CurrentOldStatusTimeStamp**(\$CurrentOldStatusTimeStamp)

Parameters

- **\$CurrentOldStatusTimeStamp** (string | null)

Returns static

StatusAddress

class Firstred\PostNL\Entity\StatusAddress

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public* __construct(\$AddressType, \$FirstName, \$LastName, \$CompanyName, \$DepartmentName, \$Street, \$HouseNumber, \$HouseNumberSuffix, \$Zipcode, \$City, \$CountryCode, \$Region, \$District, \$Building, \$Floor, \$Remark, \$RegistrationDate)
- *public* getBuilding()
- *public* setBuilding(\$Building)
- *public* getCity()
- *public* setCity(\$City)
- *public* getCompanyName()
- *public* setCompanyName(\$CompanyName)
- *public* getCountryCode()
- *public* setCountryCode(\$CountryCode)
- *public* getDepartmentName()
- *public* setDepartmentName(\$DepartmentName)
- *public* getDistrict()
- *public* setDistrict(\$District)
- *public* getFirstName()
- *public* setFirstName(\$FirstName)
- *public* getFloor()
- *public* setFloor(\$Floor)
- *public* getHouseNumber()
- *public* setHouseNumber(\$HouseNumber)
- *public* getHouseNumberSuffix()

- `public setHouseNumberSuffix($HouseNumberSuffix)`
- `public getLastName()`
- `public setLastName($LastName)`
- `public getRegion()`
- `public setRegion($Region)`
- `public getRemark()`
- `public setRemark($Remark)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getAddressType()`
- `public getRegistrationDate()`
- `public getZipcode()`
- `public setZipcode($Zipcode)`
- `public setAddressType($AddressType)`
- `public setRegistrationDate($RegistrationDate)`

Properties

protected static property Firstred\PostNL\Entity>StatusAddress::\$AddressType

PostNL internal applications validate the receiver address. In case the spelling of addresses should be different according to our PostNL information, the address details will be corrected. This can be noticed in Track & Trace.

Please note that the webservice will not add address details. Street and City fields will only be printed when they are in the call towards the labeling webservice.

The element Address type is a code in the request. Possible values are:

Code Description

01 Receiver

02 Sender

03 Alternative sender address

04 Collection address (In the orders need to be collected first)

08 Return address*

09 Drop off location (for use with Pick up at PostNL location)

- > * When using the 'label in the box return label', it is mandatory to use an
- > `Antwoordnummer` in AddressType 08.
- > This cannot be a regular address

The following rules apply:

If there is no Address specified with AddressType = 02, the data from Customer/Address will be added to the list as AddressType 02.

If there is no Customer/Address, the message will be rejected.

At least one other AddressType must be specified, other than AddressType 02
In most cases this will be AddressType 01, the receiver address.

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Building

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$City

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$CompanyName

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$CountryCode

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$DepartmentName

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$District

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$FirstName

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Floor

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$HouseNumber

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$HouseNumberSuffix

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$LastName

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Region

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$RegistrationDate

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Remark

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Street

Type string | null

protected static property Firstred\PostNL\Entity\StatusAddress::\$Zipcode

Type string | null

Methods

```
public Firstred\PostNL\Entity>StatusAddress::__construct($AddressType=null,
    $FirstName=null, $LastName=null,
    $CompanyName=null,
    $DepartmentName=null,
    $Street=null, $HouseNumber=null,
    $HouseNumberSuffix=null,
    $Zipcode=null, $City=null,
    $CountryCode=null, $Region=null,
    $District=null, $Building=null,
    $Floor=null, $Remark=null,
    \DateTimeInterface|string|null
    $RegistrationDate=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

```
public Firstred\PostNL\Entity>StatusAddress::getBuilding()
```

Returns string | null

```
public Firstred\PostNL\Entity>StatusAddress::setBuilding($Building)
```

Parameters

- **\$Building** (string | null)

Returns static

```
public Firstred\PostNL\Entity>StatusAddress::getCity()
```

Returns string | null

```
public Firstred\PostNL\Entity>StatusAddress::setCity($City)
```

Parameters

- **\$City** (string | null)

Returns static

```
public Firstred\PostNL\Entity>StatusAddress::getCompanyName()
```

Returns string | null

```
public Firstred\PostNL\Entity>StatusAddress::setCompanyName($CompanyName)
```

Parameters

- **\$CompanyName** (string | null)

Returns static

```
public Firstred\PostNL\Entity>StatusAddress::getCountryCode()
```

Returns string | null

```
public Firstred\PostNL\Entity>StatusAddress::setCountryCode($CountryCode)
```

Parameters

- **\$CountryCode** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::getDepartmentName()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setDepartmentName(*\$DepartmentName*)

Parameters

- **\$DepartmentName** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::getDistrict()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setDistrict(*\$District*)

Parameters

- **\$District** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::getFirstName()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setFirstName(*\$FirstName*)

Parameters

- **\$FirstName** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::getFloor()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setFloor(*\$Floor*)

Parameters

- **\$Floor** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::getHouseNumber()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setHouseNumber(*\$HouseNumber*)

Parameters

- **\$HouseNumber** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getHouseNumberSuffix()

Returns string | null

public Firstred\PostNL\Entity\StatusAddress::setHouseNumberSuffix(*\$HouseNumberSuffix*)

Parameters

- **\$HouseNumberSuffix** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getLastName()

Returns string | null

public Firstred\PostNL\Entity\StatusAddress::setLastName(*\$LastName*)

Parameters

- **\$LastName** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getRegion()

Returns string | null

public Firstred\PostNL\Entity\StatusAddress::setRegion(*\$Region*)

Parameters

- **\$Region** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getRemark()

Returns string | null

public Firstred\PostNL\Entity\StatusAddress::setRemark(*\$Remark*)

Parameters

- **\$Remark** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getStreet()

Returns string | null

public Firstred\PostNL\Entity\StatusAddress::setStreet(*\$Street*)

Parameters

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\StatusAddress::getAddressType()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::getRegistrationDate()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::getZipcode()

Returns string | null

public Firstred\PostNL\Entity>StatusAddress::setZipcode(\$Zipcode=null)

Parameters

- **\$Zipcode** (string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::setAddressType(int|string|null
\$AddressType=null)

Parameters

- **\$AddressType** (int | string | null)

Returns static

public Firstred\PostNL\Entity>StatusAddress::setRegistrationDate(\DateTimeInterface|string|null
\$RegistrationDate=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

Warning

class Firstred\PostNL\Entity\Warning

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Code, \$Description)*
- *public getCode()*
- *public setCode(\$Code)*
- *public getDescription()*
- *public setDescription(\$Description)*
- *public static jsonDeserialize(\$json)*

Properties

protected static property Firstred\PostNL\Entity\Warning::\$Code

Type string | null

protected static property Firstred\PostNL\Entity\Warning::\$Description

Type string | null

Methods

public Firstred\PostNL\Entity\Warning::__construct(*\$Code=null, \$Description=null*)

Parameters

- *\$Code* (string | null)
- *\$Description* (string | null)

public Firstred\PostNL\Entity\Warning::getCode()

Returns string | null

public Firstred\PostNL\Entity\Warning::setCode(*\$Code*)

Parameters

- *\$Code* (string | null)

Returns static

public Firstred\PostNL\Entity\Warning::getDescription()

Returns string | null

public Firstred\PostNL\Entity\Warning::setDescription(*\$Description*)

Parameters

- *\$Description* (string | null)

Returns static

public static Firstred\PostNL\Entity\Warning::jsonDeserialize(*\$json*)

Parameters

- *\$json* (stdClass)

Returns *\Firstred\PostNL\Entity\Warning*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

ReasonNoTimeframe

class `Firstred\PostNL\Entity\ReasonNoTimeframe`

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($Code, $Date, $Description, $Options, $From, $To, $Sustainability)`
- `public getCode()`
- `public setCode($Code)`
- `public getDescription()`
- `public setDescription($Description)`
- `public getOptions()`
- `public setOptions($Options)`
- `public getFrom()`
- `public setFrom($From)`
- `public getTo()`
- `public getDate()`
- `public setTo($To)`
- `public setDate($date)`
- `public getSustainability()`
- `public setSustainability($Sustainability)`
- `public static jsonDeserialize($json)`

Properties

protected static property `Firstred\PostNL\Entity\ReasonNoTimeframe::$Code`

Type `string | null`

protected static property `Firstred\PostNL\Entity\ReasonNoTimeframe::$Date`

Type `\DateTimeInterface | null`

protected static property `Firstred\PostNL\Entity\ReasonNoTimeframe::$Description`

Type `string | null`

protected static property `Firstred\PostNL\Entity\ReasonNoTimeframe::$Options`

Type `string[] | null`

protected static property `Firstred\PostNL\Entity\ReasonNoTimeframe::$From`

Type `string | null`

protected static property Firstred\PostNL\Entity\ReasonNoTimeframe::\$To

Type string | null

protected static property Firstred\PostNL\Entity\ReasonNoTimeframe::\$Sustainability

Type \Firstred\PostNL\Entity\Sustainability | null

Methods

public Firstred\PostNL\Entity\ReasonNoTimeframe::__construct(*int|string|null* \$Code=null,
\$Date=null, \$Description=null,
\$Options=null, \$From=null,
\$To=null, \$Sustainability=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

public Firstred\PostNL\Entity\ReasonNoTimeframe::getCode()

Returns string | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::setCode(*string|int|null* \$Code)

Parameters

- **\$Code** (string | int | null)

Returns static

public Firstred\PostNL\Entity\ReasonNoTimeframe::getDescription()

Returns string | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::setDescription(*\$Description*)

Parameters

- **\$Description** (string | null)

Returns static

public Firstred\PostNL\Entity\ReasonNoTimeframe::getOptions()

Returns string[] | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::setOptions(*\$Options*)

Parameters

- **\$Options** (array | null)

Returns \Firstred\PostNL\Entity\ReasonNoTimeframe

public Firstred\PostNL\Entity\ReasonNoTimeframe::getFrom()

Returns string | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::setFrom(*\$From*)

Parameters

- **\$From** (string | null)

Returns static

public Firstred\PostNL\Entity\ReasonNoTimeframe::getTo()

Returns string | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::getDate()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\ReasonNoTimeframe::setTo(\$To)

Parameters

- \$To (string | null)

Returns static

public Firstred\PostNL\Entity\ReasonNoTimeframe::setDate(string|\DateTimeInterface|null
\$date=null)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

public Firstred\PostNL\Entity\ReasonNoTimeframe::getSustainability()

Returns \Firstred\PostNL\Entity\Sustainability | null

Since 1.4.2

public Firstred\PostNL\Entity\ReasonNoTimeframe::setSustainability(\$Sustainability)

Parameters

- \$Sustainability (\Firstred\PostNL\Entity\Sustainability | null)

Returns static

Since 1.4.2

public static Firstred\PostNL\Entity\ReasonNoTimeframe::jsonDeserialize(\$json)

Parameters

- \$json (stdClass)

Returns \Firstred\PostNL\Entity\ReasonNoTimeframe

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 1.2.0

Area

class Firstred\PostNL\Entity\Area

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$CoordinatesNorthWest, \$CoordinatesSouthEast)*
- *public getCoordinatesNorthWest()*
- *public setCoordinatesNorthWest(\$CoordinatesNorthWest)*
- *public getCoordinatesSouthEast()*
- *public setCoordinatesSouthEast(\$CoordinatesSouthEast)*

Properties

protected static property Firstred\PostNL\Entity\Area::\$CoordinatesNorthWest

Type *\Firstred\PostNL\Entity\CoordinatesNorthWest* | null

protected static property Firstred\PostNL\Entity\Area::\$CoordinatesSouthEast

Type *\Firstred\PostNL\Entity\CoordinatesSouthEast* | null

Methods

public Firstred\PostNL\Entity\Area::__construct(*\$CoordinatesNorthWest=null,*
\$CoordinatesSouthEast=null)

Parameters

- **\$CoordinatesNorthWest** (*Firstred\PostNL\Entity\CoordinatesNorthWest* | null)
- **\$CoordinatesSouthEast** (*Firstred\PostNL\Entity\CoordinatesSouthEast* | null)

public Firstred\PostNL\Entity\Area::getCoordinatesNorthWest()

Returns *\Firstred\PostNL\Entity\CoordinatesNorthWest* | null

public Firstred\PostNL\Entity\Area::setCoordinatesNorthWest(*\$CoordinatesNorthWest*)

Parameters

- **\$CoordinatesNorthWest** (*Firstred\PostNL\Entity\CoordinatesNorthWest* | null)

Returns static

public Firstred\PostNL\Entity\Area::getCoordinatesSouthEast()

Returns *\Firstred\PostNL\Entity\CoordinatesSouthEast* | null

```
public Firstred\PostNL\Entity\Area::setCoordinatesSouthEast($CoordinatesSouthEast)
```

Parameters

- **\$CoordinatesSouthEast** (*Firstred\PostNL\Entity\CoordinatesSouthEast* | null)

Returns static

Contact

```
class Firstred\PostNL\Entity\Contact
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$ContactType, \$Email, \$SMSNr, \$TelNr)*
- *public getContactType()*
- *public setContactType(\$ContactType)*
- *public getEmail()*
- *public setEmail(\$Email)*
- *public getSMSNr()*
- *public getTelNr()*
- *public setTelNr(\$TelNr, \$countryCode)*
- *public setSMSNr(\$SMSNr, \$countryCode)*

Properties

```
protected static property Firstred\PostNL\Entity\Contact::$ContactType
```

Type string | null

```
protected static property Firstred\PostNL\Entity\Contact::$Email
```

Type string | null

```
protected static property Firstred\PostNL\Entity\Contact::$SMSNr
```

Type string | null

```
protected static property Firstred\PostNL\Entity\Contact::$TelNr
```

Type string | null

Methods

```
public Firstred\PostNL\Entity\Contact::__construct($ContactType=null, $Email=null,  
                                                    $SMSNr=null, $TelNr=null)
```

Parameters

- **\$ContactType** (string | null)
- **\$Email** (string | null)
- **\$SMSNr** (string | null)
- **\$TelNr** (string | null)

```
public Firstred\PostNL\Entity\Contact::getContactType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Contact::setContactType($ContactType)
```

Parameters

- **\$ContactType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Contact::getEmail()
```

Returns string | null

```
public Firstred\PostNL\Entity\Contact::setEmail($Email)
```

Parameters

- **\$Email** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Contact::getSMSNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Contact::getTelNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Contact::setTelNr($TelNr=null, $countryCode=null)
```

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\Entity\Contact::setSMSNr($SMSNr=null, $countryCode=null)
```

Since 1.0.0

Since 1.0.0

Event

class Firstred\PostNL\Entity\Event

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$CompleteStatusResponseEvent)*
- *public getCompleteStatusResponseEvent()*
- *public setCompleteStatusResponseEvent(\$CompleteStatusResponseEvent)*

Properties

protected static property Firstred\PostNL\Entity\Event::\$CompleteStatusResponseEvent

Type *\Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent* | null

Methods

public Firstred\PostNL\Entity\Event::__construct(*\$CompleteStatusResponseEvent=null*)

Parameters

- **\$CompleteStatusResponseEvent** (*Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent* | null)

public Firstred\PostNL\Entity\Event::getCompleteStatusResponseEvent()

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent* | null

public Firstred\PostNL\Entity\Event::setCompleteStatusResponseEvent(*\$CompleteStatusResponseEvent*)

Parameters

- **\$CompleteStatusResponseEvent** (*Firstred\PostNL\Entity\Response\CompleteStatusResponseEvent* | null)

Returns static

AbstractEntity

class Firstred\PostNL\Entity\AbstractEntity

Implements JsonSerializable

Summary

Methods

- `public __construct()`
- `public static create($properties)`
- `public getId()`
- `public setId($id)`
- `public setCurrentService($currentService)`
- `public getCurrentService()`
- `public getSerializableProperties($withAliases)`
- `public jsonSerialize()`
- `public static jsonDeserialize($json)`

Properties

protected static property Firstred\PostNL\Entity\AbstractEntity::\$id

Type string

protected static property Firstred\PostNL\Entity\AbstractEntity::\$currentService

Type class-string

Methods

public Firstred\PostNL\Entity\AbstractEntity::__construct()

public static Firstred\PostNL\Entity\AbstractEntity::create(\$properties=\\)

Create an instance of this class without touching the constructor.

Parameters

- **\$properties** (array)

Returns `\\Firstred\\PostNL\\Entity\\AbstractEntity`

Since 1.0.0

Deprecated 2.0.0 Use the constructor instead with named arguments

public Firstred\PostNL\Entity\AbstractEntity::getId()

Returns string

public Firstred\PostNL\Entity\AbstractEntity::setId(string|int \$id)

Parameters

- **\$id** (string | int)

Returns static

public Firstred\PostNL\Entity\AbstractEntity::setCurrentService(\$currentService)

Parameters

- **\$currentService** (class-string)

Returns static**Throws** `\Firstred\PostNL\Exception\InvalidArgumentException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Throws** `\Firstred\PostNL\Exception\InvalidArgumentException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**public** Firstred\PostNL\Entity\AbstractEntity::getCurrentService()**Returns** class-string**public** Firstred\PostNL\Entity\AbstractEntity::getSerializableProperties(*\$withAliases=false*)**Returns** array**Since** 2.0.0**public** Firstred\PostNL\Entity\AbstractEntity::jsonSerialize()Return a serializable array for ``json_encode``.**Returns** array**Throws** `\Firstred\PostNL\Exception\ServiceNotSetException`**public static** Firstred\PostNL\Entity\AbstractEntity::jsonDeserialize(*\$json*)**Parameters**

- **\$json** (stdClass) {“EntityName”: object}

Returns static**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Throws** `\Firstred\PostNL\Exception\DeserializationException`**Throws** `\Firstred\PostNL\Exception\NotSupportedException`**Throws** `\Firstred\PostNL\Exception\InvalidConfigurationException`**Since** 1.0.0

Label

class Firstred\PostNL\Entity\Label

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Content, \$OutputType, \$Labeltype)*
- *public getContent()*
- *public setContent(\$Content)*
- *public getOutputType()*
- *public setOutputType(\$OutputType)*
- *public getContenttype()*
- *public setContenttype(\$Contenttype)*
- *public getLabeltype()*
- *public setLabeltype(\$Labeltype)*

Constants

FORMAT_A4 = 1

FORMAT_A6 = 2

Properties

protected static property Firstred\PostNL\Entity\Label::\$Content

Base 64 encoded content.

Type string | null

protected static property Firstred\PostNL\Entity\Label::\$OutputType

Type string | null

protected static property Firstred\PostNL\Entity\Label::\$Labeltype

Type string | null

Methods

```
public Firstred\PostNL\Entity\Label::__construct($Content=null, $OutputType=null,  
                                                $Labeltype=null)
```

Parameters

- **\$Content** (string | null)
- **\$OutputType** (string | null)
- **\$Labeltype** (string | null)

```
public Firstred\PostNL\Entity\Label::getContent()
```

Returns string | null

```
public Firstred\PostNL\Entity\Label::setContent($Content)
```

Parameters

- **\$Content** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Label::getOutputType()
```

Returns string | null

Since 1.4.2

```
public Firstred\PostNL\Entity\Label::setOutputType($OutputType)
```

Parameters

- **\$OutputType** (string | null)

Returns static

Since 1.4.2

```
public Firstred\PostNL\Entity\Label::getContenttype()
```

Returns string | null

Deprecated 1.4.2

```
public Firstred\PostNL\Entity\Label::setContenttype($Contenttype)
```

Parameters

- **\$Contenttype** (string | null)

Returns static

Deprecated 1.4.2

```
public Firstred\PostNL\Entity\Label::getLabeltype()
```

Returns string | null

```
public Firstred\PostNL\Entity\Label::setLabeltype($Labeltype)
```

Parameters

- **\$Labeltype** (string | null)

Returns static

Expectation

class Firstred\PostNL\Entity\Expectation

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$ETAFrom, \$ETATo)*
- *public getETAFrom()*
- *public setETAFrom(\$ETAFrom)*
- *public getETATo()*
- *public setETATo(\$ETATo)*

Properties

protected static property Firstred\PostNL\Entity\Expectation::\$ETAFrom

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Expectation::\$ETATo

Type \DateTimeInterface | null

Methods

public Firstred\PostNL\Entity\Expectation::__construct(\DateTimeInterface|string|null
\$ETAFrom=null,
\DateTimeInterface|string|null
\$ETATo=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\Entity\Expectation::getETAFrom()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Expectation::setETAFrom(\DateTimeInterface|string|null
\$ETAFrom=null)

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

public Firstred\PostNL\Entity\Expectation::getETATo()

Returns \DateTimeInterface | null

```
public Firstred\PostNL\Entity\Expectation::setETATo(\DateTimeInterface|string|null
                                                    $ETATo=null)
```

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.2.0

Timeframes

```
class Firstred\PostNL\Entity\Timeframes
```

Parent `Firstred\PostNL\Entity\AbstractEntity`

Summary

Methods

- `public __construct($timeframes, $timeframetimeframes)`
- `public getTimeframes()`
- `public setTimeframes($Timeframes)`
- `public getTimeframeTimeFrames()`
- `public setTimeframeTimeFrames($TimeframeTimeFrames)`
- `public jsonSerialize()`

Properties

```
protected static property Firstred\PostNL\Entity\Timeframes::$Timeframes
```

Type `\Firstred\PostNL\Entity\Timeframe[] | null`

```
protected static property Firstred\PostNL\Entity\Timeframes::$TimeframeTimeFrames
```

Type `\Firstred\PostNL\Entity\TimeframeTimeFrame[] | null`

Methods

```
public Firstred\PostNL\Entity\Timeframes::__construct($timeframes=null,
                                                       $timeframetimeframes=null)
```

Parameters

- `$timeframes` (array | null)
- `$timeframetimeframes` (array | null)

```
public Firstred\PostNL\Entity\Timeframes::getTimeframes()
```

Returns `\Firstred\PostNL\Entity\Timeframe[] | null`

```
public Firstred\PostNL\Entity\Timeframes::setTimeframes($Timeframes)
```

Parameters

- `$Timeframes` (`Firstred\PostNL\Entity\Timeframe[] | null`)

Returns static

```
public Firstred\PostNL\Entity\Timeframes::getTimeframeTimeFrames()
```

Returns *\Firstred\PostNL\Entity\TimeframeTimeFrame[]* | null

```
public Firstred\PostNL\Entity\Timeframes::setTimeframeTimeFrames($TimeframeTimeFrames)
```

Parameters

- **\$TimeframeTimeFrames** (*Firstred\PostNL\Entity\TimeframeTimeFrame[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframes::jsonSerialize()
```

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

Group

```
class Firstred\PostNL\Entity\Group
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$GroupCount, \$GroupSequence, \$GroupType, \$MainBarcode)*
- *public getGroupCount()*
- *public setGroupCount(\$GroupCount)*
- *public getGroupSequence()*
- *public setGroupSequence(\$GroupSequence)*
- *public getGroupType()*
- *public setGroupType(\$GroupType)*
- *public getMainBarcode()*
- *public setMainBarcode(\$MainBarcode)*

Properties

```
protected static property Firstred\PostNL\Entity\Group::$GroupCount
```

Amount of shipments in the group.

Type string | null

```
protected static property Firstred\PostNL\Entity\Group::$GroupSequence
```

Sequence number.

Type string | null

protected static property Firstred\PostNL\Entity\Group::\$GroupType

The type of group.

Possible values:

- `01`: Collection request
- `03`: Multiple parcels in one shipment (multi-colli)
- `04`: Single parcel in one shipment

Type string | null

protected static property Firstred\PostNL\Entity\Group::\$MainBarcode

Main barcode for the shipment.

Type string | null

Methods

public Firstred\PostNL\Entity\Group::__construct(*\$GroupCount=null*, *\$GroupSequence=null*,
\$GroupType=null, *\$MainBarcode=null*)

Parameters

- **\$GroupCount** (string | null)
- **\$GroupSequence** (string | null)
- **\$GroupType** (string | null)
- **\$MainBarcode** (string | null)

public Firstred\PostNL\Entity\Group::getGroupCount()

Returns string | null

public Firstred\PostNL\Entity\Group::setGroupCount(*\$GroupCount*)

Parameters

- **\$GroupCount** (string | null)

Returns static

public Firstred\PostNL\Entity\Group::getGroupSequence()

Returns string | null

public Firstred\PostNL\Entity\Group::setGroupSequence(*\$GroupSequence*)

Parameters

- **\$GroupSequence** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Group::getGroupType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Group::setGroupType($GroupType)
```

Parameters

- **\$GroupType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Group::getMainBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Group::setMainBarcode($MainBarcode)
```

Parameters

- **\$MainBarcode** (string | null)

Returns static

Address

```
class Firstred\PostNL\Entity\Address
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$AddressType, \$FirstName, \$Name, \$CompanyName, \$Street, \$HouseNr, \$HouseNrExt, \$Zipcode, \$City, \$Countrycode, \$Area, \$Buildingname, \$Department, \$Doorcode, \$Floor, \$Region, \$Remark, \$StreetHouseNrExt)*
- *public getZipcode()*
- *public setZipcode(\$Zipcode)*
- *public getAddressType()*
- *public setAddressType(\$AddressType)*
- *public getArea()*
- *public setArea(\$Area)*
- *public getBuildingname()*
- *public setBuildingname(\$Buildingname)*
- *public getCity()*
- *public setCity(\$City)*
- *public getCompanyName()*
- *public setCompanyName(\$CompanyName)*
- *public getCountrycode()*

- `public setCountrycode($Countrycode)`
- `public getDepartment()`
- `public setDepartment($Department)`
- `public getDoorcode()`
- `public setDoorcode($Doorcode)`
- `public getFirstName()`
- `public setFirstName($FirstName)`
- `public getFloor()`
- `public setFloor($Floor)`
- `public getHouseNr()`
- `public setHouseNr($HouseNr)`
- `public getHouseNrExt()`
- `public setHouseNrExt($HouseNrExt)`
- `public getStreetHouseNrExt()`
- `public setStreetHouseNrExt($StreetHouseNrExt)`
- `public getName()`
- `public setName($Name)`
- `public getRegion()`
- `public setRegion($Region)`
- `public getRemark()`
- `public setRemark($Remark)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getOther()`
- `public setOther($other)`

Properties

protected static property Firstred\PostNL\Entity\Address::\$AddressType

PostNL internal applications validate the receiver address. In case the spelling of addresses should be different according to our PostNL information, the address details will be corrected. This can be noticed in Track & Trace.

Please note that the webservice will not add address details. Street and City fields will only be printed when they are in the call towards the labeling webservice.

The element Address type is a code in the request. Possible values are:

Code Description

01 Receiver

02 Sender

- 03 Alternative sender address
- 04 Collection address (In the orders need to be collected first)
- 08 Return address*
- 09 Drop off location (for use with Pick up at PostNL location)

- > * When using the 'label in the box return label', it is mandatory to use an
- > `Antwoordnummer` in AddressType 08.
- > This cannot be a regular address

The following rules apply:

If there is no Address specified with AddressType = 02, the data from Customer/Address will be added to the list as AddressType 02.

If there is no Customer/Address, the message will be rejected.

At least one other AddressType must be specified, other than AddressType 02

In most cases this will be AddressType 01, the receiver address.

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Area

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Buildingname

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$City

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$CompanyName

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Countrycode

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Department

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Doorcode

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$FirstName

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Floor

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$HouseNr

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$HouseNrExt

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$StreetHouseNrExt

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Name

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Region

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Remark

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Street

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$Zipcode

Type string | null

protected static property Firstred\PostNL\Entity\Address::\$other

Deprecated 2.0.0

Methods

public Firstred\PostNL\Entity\Address::__construct(*\$AddressType=null, \$FirstName=null, \$Name=null, \$CompanyName=null, \$Street=null, \$HouseNr=null, \$HouseNrExt=null, \$Zipcode=null, \$City=null, \$Countrycode=null, \$Area=null, \$Buildingname=null, \$Department=null, \$Doorcode=null, \$Floor=null, \$Region=null, \$Remark=null, \$StreetHouseNrExt=null*)

Parameters

- **\$AddressType** (string | null)
- **\$FirstName** (string | null)
- **\$Name** (string | null)
- **\$CompanyName** (string | null)
- **\$Street** (string | null)
- **\$HouseNr** (string | null)
- **\$HouseNrExt** (string | null)
- **\$Zipcode** (string | null)
- **\$City** (string | null)
- **\$Countrycode** (string | null)
- **\$Area** (string | null)
- **\$Buildingname** (string | null)
- **\$Department** (string | null)
- **\$Doorcode** (string | null)
- **\$Floor** (string | null)
- **\$Region** (string | null)
- **\$Remark** (string | null)

- **\$StreetHouseNrExt** (string | null)

public Firstred\PostNL\Entity\Address::getZipcode()

Returns string | null

public Firstred\PostNL\Entity\Address::setZipcode(*\$Zipcode=null*)

Parameters

- **\$Zipcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getAddressType()

Returns string | null

public Firstred\PostNL\Entity\Address::setAddressType(*int|string|null \$AddressType=null*)

Parameters

- **\$AddressType** (int | string | null)

Returns static

public Firstred\PostNL\Entity\Address::getArea()

Returns string | null

public Firstred\PostNL\Entity\Address::setArea(*\$Area*)

Parameters

- **\$Area** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getBuildingname()

Returns string | null

public Firstred\PostNL\Entity\Address::setBuildingname(*\$Buildingname*)

Parameters

- **\$Buildingname** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getCity()

Returns string | null

public Firstred\PostNL\Entity\Address::setCity(*\$City*)

Parameters

- **\$City** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getCompanyName()

Returns string | null

public Firstred\PostNL\Entity\Address::setCompanyName(*\$CompanyName*)

Parameters

- **\$CompanyName** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getCountrycode()

Returns string | null

public Firstred\PostNL\Entity\Address::setCountrycode(*\$Countrycode*)

Parameters

- **\$Countrycode** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getDepartment()

Returns string | null

public Firstred\PostNL\Entity\Address::setDepartment(*\$Department*)

Parameters

- **\$Department** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getDoorcode()

Returns string | null

public Firstred\PostNL\Entity\Address::setDoorcode(*\$Doorcode*)

Parameters

- **\$Doorcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getFirstName()

Returns string | null

public Firstred\PostNL\Entity\Address::setFirstName(*\$FirstName*)

Parameters

- **\$FirstName** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getFloor()

Returns string | null

public Firstred\PostNL\Entity\Address::setFloor(*\$Floor*)

Parameters

- **\$Floor** (string | null)

Returns static**public** Firstred\PostNL\Entity\Address::**getHouseNr**()**Returns** string | null**public** Firstred\PostNL\Entity\Address::**setHouseNr**(int|string|null \$HouseNr)**Parameters**

- **\$HouseNr** (int | string | null)

Returns static**public** Firstred\PostNL\Entity\Address::**getHouseNrExt**()**Returns** string | null**public** Firstred\PostNL\Entity\Address::**setHouseNrExt**(int|string|null \$HouseNrExt)**Parameters**

- **\$HouseNrExt** (int | string | null)

Returns static**public** Firstred\PostNL\Entity\Address::**getStreetHouseNrExt**()**Returns** string | null**public** Firstred\PostNL\Entity\Address::**setStreetHouseNrExt**(\$StreetHouseNrExt)**Parameters**

- **\$StreetHouseNrExt** (string | null)

Returns static**public** Firstred\PostNL\Entity\Address::**getName**()**Returns** string | null**public** Firstred\PostNL\Entity\Address::**setName**(\$Name)**Parameters**

- **\$Name** (string | null)

Returns static**public** Firstred\PostNL\Entity\Address::**getRegion**()**Returns** string | null**public** Firstred\PostNL\Entity\Address::**setRegion**(\$Region)**Parameters**

- **\$Region** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getRemark()

Returns string | null

public Firstred\PostNL\Entity\Address::setRemark(*\$Remark*)

Parameters

- **\$Remark** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getStreet()

Returns string | null

public Firstred\PostNL\Entity\Address::setStreet(*\$Street*)

Parameters

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\Address::getOther()

Returns array | null

Deprecated 2.0.0

public Firstred\PostNL\Entity\Address::setOther(*\$other*)

Parameters

- **\$other** (array | null)

Returns static

Deprecated 2.0.0

Customer

class Firstred\PostNL\Entity\Customer

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public* __construct(*\$CustomerNumber*, *\$CustomerCode*, *\$CollectionLocation*, *\$ContactPerson*, *\$Email*, *\$Name*, *\$Address*, *\$GlobalPackCustomerCode*, *\$GlobalPackBarcodeType*)
- *public* getAddress()
- *public* setAddress(*\$Address*)
- *public* getCollectionLocation()

- `public setCollectionLocation($CollectionLocation)`
- `public getContactPerson()`
- `public setContactPerson($ContactPerson)`
- `public getCustomerCode()`
- `public setCustomerCode($CustomerCode)`
- `public getCustomerNumber()`
- `public setCustomerNumber($CustomerNumber)`
- `public getGlobalPackCustomerCode()`
- `public setGlobalPackCustomerCode($GlobalPackCustomerCode)`
- `public getGlobalPackBarcodeType()`
- `public setGlobalPackBarcodeType($GlobalPackBarcodeType)`
- `public getEmail()`
- `public setEmail($Email)`
- `public getName()`
- `public setName($Name)`

Properties

protected static property Firstred\PostNL\Entity\Customer::\$Address

Type \Firstred\PostNL\Entity\Address | null

protected static property Firstred\PostNL\Entity\Customer::\$CollectionLocation

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$ContactPerson

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$CustomerCode

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$CustomerNumber

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$GlobalPackCustomerCode

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$GlobalPackBarcodeType

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$Email

Type string | null

protected static property Firstred\PostNL\Entity\Customer::\$Name

Type string | null

Methods

```
public Firstred\PostNL\Entity\Customer::__construct($CustomerNumber=null,
                                                    $CustomerCode=null,
                                                    $CollectionLocation=null,
                                                    $ContactPerson=null, $Email=null,
                                                    $Name=null, $Address=null,
                                                    $GlobalPackCustomerCode=null,
                                                    $GlobalPackBarcodeType=null)
```

Parameters

- **\$CustomerNumber** (string | null)
- **\$CustomerCode** (string | null)
- **\$CollectionLocation** (string | null)
- **\$ContactPerson** (string | null)
- **\$Email** (string | null)
- **\$Name** (string | null)
- **\$Address** ([Firstred\PostNL\Entity\Address](#) | null)
- **\$GlobalPackCustomerCode** (string | null)
- **\$GlobalPackBarcodeType** (string | null)

```
public Firstred\PostNL\Entity\Customer::getAddress()
```

Returns [Firstred\PostNL\Entity\Address](#) | null

```
public Firstred\PostNL\Entity\Customer::setAddress($Address)
```

Parameters

- **\$Address** ([Firstred\PostNL\Entity\Address](#) | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getCollectionLocation()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setCollectionLocation($CollectionLocation)
```

Parameters

- **\$CollectionLocation** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getContactPerson()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setContactPerson($ContactPerson)
```

Parameters

- **\$ContactPerson** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getCustomerCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setCustomerCode($CustomerCode)
```

Parameters

- **\$CustomerCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getCustomerNumber()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setCustomerNumber($CustomerNumber)
```

Parameters

- **\$CustomerNumber** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getGlobalPackCustomerCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setGlobalPackCustomerCode($GlobalPackCustomerCode)
```

Parameters

- **\$GlobalPackCustomerCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getGlobalPackBarcodeType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setGlobalPackBarcodeType($GlobalPackBarcodeType)
```

Parameters

- **\$GlobalPackBarcodeType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getEmail()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setEmail($Email)
```

Parameters

- **\$Email** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customer::getName()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customer::setName($Name)
```

Parameters

- **\$Name** (string | null)

Returns static

Coordinates

```
class Firstred\PostNL\Entity\Coordinates
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Latitude, \$Longitude)*
- *public getLatitude()*
- *public setLatitude(\$Latitude)*
- *public getLongitude()*
- *public setLongitude(\$Longitude)*

Properties

```
protected static property Firstred\PostNL\Entity\Coordinates::$Latitude
```

Type string | null

```
protected static property Firstred\PostNL\Entity\Coordinates::$Longitude
```

Type string | null

Methods

```
public Firstred\PostNL\Entity\Coordinates::__construct($Latitude=null, $Longitude=null)
```

Parameters

- **\$Latitude** (string | null)
- **\$Longitude** (string | null)

```
public Firstred\PostNL\Entity\Coordinates::getLatitude()
```

Returns string | null

```
public Firstred\PostNL\Entity\Coordinates::setLatitude($Latitude)
```

Parameters

- **\$Latitude** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Coordinates::getLongitude()
```

Returns string | null

```
public Firstred\PostNL\Entity\Coordinates::setLongitude($Longitude)
```

Parameters

- **\$Longitude** (string | null)

Returns static

Signature

```
class Firstred\PostNL\Entity\Signature
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$GetSignatureResponseSignature, \$Warnings)*
- *public getGetSignatureResponseSignature()*
- *public setGetSignatureResponseSignature(\$GetSignatureResponseSignature)*
- *public getWarnings()*
- *public setWarnings(\$Warnings)*

Properties

protected static property

```
Firstred\PostNL\Entity\Signature::$GetSignatureResponseSignature
```

Type *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* | null

protected static property *Firstred\PostNL\Entity\Signature::\$Warnings*

Type *\Firstred\PostNL\Entity\Warning[]* | null

Methods

```
public Firstred\PostNL\Entity\Signature::__construct($GetSignatureResponseSignature=null,
                                                    $Warnings=null)
```

Parameters

- **\$GetSignatureResponseSignature** (*Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* | null)
- **\$Warnings** (array | null)

```
public Firstred\PostNL\Entity\Signature::getGetSignatureResponseSignature()
```

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* | null

```
public Firstred\PostNL\Entity\Signature::setGetSignatureResponseSignature($GetSignatureResponseSignature)
```

Parameters

- **\$GetSignatureResponseSignature** (*Firstred\PostNL\Entity\Response\GetSignatureResponseSignature* | null)

Returns static

```
public Firstred\PostNL\Entity\Signature::getWarnings()
```

Returns *\Firstred\PostNL\Entity\Warning* | null

```
public Firstred\PostNL\Entity\Signature::setWarnings($Warnings)
```

Parameters

- **\$Warnings** (*Firstred\PostNL\Entity\Warning[]* | null)

Returns static

Amount

```
class Firstred\PostNL\Entity\Amount
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$AccountName, \$AmountType, \$BIC, \$Currency, \$IBAN, \$Reference, \$TransactionNumber, \$Value, \$VerzekerdBedrag)*
- *public getAccountName()*
- *public setAccountName(\$AccountName)*
- *public getBIC()*
- *public setBIC(\$BIC)*
- *public getCurrency()*
- *public setCurrency(\$Currency)*
- *public getIBAN()*
- *public setIBAN(\$IBAN)*
- *public getReference()*
- *public setReference(\$Reference)*
- *public getTransactionNumber()*
- *public setTransactionNumber(\$TransactionNumber)*
- *public getValue()*
- *public setValue(\$Value)*
- *public getVerzekerdBedrag()*
- *public setVerzekerdBedrag(\$VerzekerdBedrag)*

- `public getAmountType()`
- `public setAmountType($AmountType)`

Properties

protected static property Firstred\PostNL\Entity\Amount::\$AccountName

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$AmountType

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$BIC

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$Currency

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$IBAN

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$Reference

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$TransactionNumber

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$Value

Type string | null

protected static property Firstred\PostNL\Entity\Amount::\$VerzekerdBedrag

Type string | null

Methods

public Firstred\PostNL\Entity\Amount::__construct(*\$AccountName=null, \$AmountType=null, \$BIC=null, \$Currency=null, \$IBAN=null, \$Reference=null, \$TransactionNumber=null, \$Value=null, \$VerzekerdBedrag=null*)

Parameters

- **\$AccountName** (string | null)
- **\$AmountType** (string | null)
- **\$BIC** (string | null)
- **\$Currency** (string | null)
- **\$IBAN** (string | null)
- **\$Reference** (string | null)
- **\$TransactionNumber** (string | null)
- **\$Value** (string | null)
- **\$VerzekerdBedrag** (string | null)

public Firstred\PostNL\Entity\Amount::getAccountName()

Returns string | null

public Firstred\PostNL\Entity\Amount::setAccountName(*\$AccountName*)

Parameters

- **\$AccountName** (string | null)

Returns static

public Firstred\PostNL\Entity\Amount::getBIC()

Returns string | null

public Firstred\PostNL\Entity\Amount::setBIC(*\$BIC*)

Parameters

- **\$BIC** (string | null)

Returns static

public Firstred\PostNL\Entity\Amount::getCurrency()

Returns string | null

public Firstred\PostNL\Entity\Amount::setCurrency(*\$Currency*)

Parameters

- **\$Currency** (string | null)

Returns static

public Firstred\PostNL\Entity\Amount::getIBAN()

Returns string | null

public Firstred\PostNL\Entity\Amount::setIBAN(*\$IBAN*)

Parameters

- **\$IBAN** (string | null)

Returns static

public Firstred\PostNL\Entity\Amount::getReference()

Returns string | null

public Firstred\PostNL\Entity\Amount::setReference(*\$Reference*)

Parameters

- **\$Reference** (string | null)

Returns static

public Firstred\PostNL\Entity\Amount::getTransactionNumber()

Returns string | null

```
public Firstred\PostNL\Entity\Amount::setTransactionNumber($TransactionNumber)
```

Parameters

- **\$TransactionNumber** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Amount::getValue()
```

Returns string | null

```
public Firstred\PostNL\Entity\Amount::setValue($Value)
```

Parameters

- **\$Value** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Amount::getVerzekerdBedrag()
```

Returns string | null

```
public Firstred\PostNL\Entity\Amount::setVerzekerdBedrag($VerzekerdBedrag)
```

Parameters

- **\$VerzekerdBedrag** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Amount::getAmountType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Amount::setAmountType(string|int|null $AmountType=null)
```

Parameters

- **\$AmountType** (string | int | null)

Returns static

Dimension

```
class Firstred\PostNL\Entity\Dimension
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- `public __construct($Weight, $Height, $Length, $Volume, $Width)`
- `public getHeight()`
- `public setHeight($Height)`
- `public getLength()`
- `public setLength($Length)`
- `public getVolume()`
- `public setVolume($Volume)`
- `public getWeight()`
- `public setWeight($Weight)`
- `public getWidth()`
- `public setWidth($Width)`

Properties

protected static property Firstred\PostNL\Entity\Dimension::\$Height

Type string | null

protected static property Firstred\PostNL\Entity\Dimension::\$Length

Type string | null

protected static property Firstred\PostNL\Entity\Dimension::\$Volume

Type string | null

protected static property Firstred\PostNL\Entity\Dimension::\$Weight

Type string | null

protected static property Firstred\PostNL\Entity\Dimension::\$Width

Type string | null

Methods

public Firstred\PostNL\Entity\Dimension::__construct(*\$Weight=null, \$Height=null, \$Length=null, \$Volume=null, \$Width=null*)

Parameters

- **\$Weight** (string | null)
- **\$Height** (string | null)
- **\$Length** (string | null)
- **\$Volume** (string | null)
- **\$Width** (string | null)

public Firstred\PostNL\Entity\Dimension::getHeight()

Returns string | null

public Firstred\PostNL\Entity\Dimension::setHeight(*\$Height*)

Parameters

- **\$Height** (string | null)

Returns static

public Firstred\PostNL\Entity\Dimension::getLength()

Returns string | null

public Firstred\PostNL\Entity\Dimension::setLength(*\$Length*)

Parameters

- **\$Length** (string | null)

Returns static

public Firstred\PostNL\Entity\Dimension::getVolume()

Returns string | null

public Firstred\PostNL\Entity\Dimension::setVolume(*\$Volume*)

Parameters

- **\$Volume** (string | null)

Returns static

public Firstred\PostNL\Entity\Dimension::getWeight()

Returns string | null

public Firstred\PostNL\Entity\Dimension::setWeight(*\$Weight*)

Parameters

- **\$Weight** (string | null)

Returns static

public Firstred\PostNL\Entity\Dimension::getWidth()

Returns string | null

public Firstred\PostNL\Entity\Dimension::setWidth(*\$Width*)

Parameters

- **\$Width** (string | null)

Returns static

Barcode

class Firstred\PostNL\Entity\Barcode

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Type, \$Range, \$Serie)*
- *public getType()*
- *public setType(\$Type)*
- *public getRange()*
- *public setRange(\$Range)*
- *public getSerie()*
- *public setSerie(\$Serie)*

Properties

protected static property Firstred\PostNL\Entity\Barcode::\$Type

Type string | null

protected static property Firstred\PostNL\Entity\Barcode::\$Range

Type string | null

protected static property Firstred\PostNL\Entity\Barcode::\$Serie

Type string | null

Methods

public Firstred\PostNL\Entity\Barcode::__construct(*\$Type=null, \$Range=null, \$Serie='000000000\-999999999\'*)

Parameters

- **\$Type** (string | null)
- **\$Range** (string | null)
- **\$Serie** (string | null)

public Firstred\PostNL\Entity\Barcode::getType()

Returns string | null

public Firstred\PostNL\Entity\Barcode::setType(*\$Type*)

Parameters

- **\$Type** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Barcode::getRange()
```

Returns string | null

```
public Firstred\PostNL\Entity\Barcode::setRange($Range)
```

Parameters

- **\$Range** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Barcode::getSerie()
```

Returns string | null

```
public Firstred\PostNL\Entity\Barcode::setSerie($Serie)
```

Parameters

- **\$Serie** (string | null)

Returns static

Location

```
class Firstred\PostNL\Entity\Location
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Postalcode, \$AllowSundaySorting, \$DeliveryDate, \$DeliveryOptions, \$OpeningTime, \$Options, \$Coordinates, \$CoordinatesNorthWest, \$CoordinatesSouthEast, \$City, \$Street, \$HouseNr, \$HouseNrExt, \$LocationCode, \$Saleschannel, \$TerminalType, \$RetailNetworkID, \$DownPartnerID, \$DownPartnerLocation)*
- *public setDeliveryDate(\$DeliveryDate)*
- *public setPostalcode(\$Postalcode)*
- *public setAllowSundaySorting(\$AllowSundaySorting)*
- *public getDeliveryOptions()*
- *public setDeliveryOptions(\$DeliveryOptions)*
- *public getOpeningTime()*
- *public setOpeningTime(\$OpeningTime)*
- *public getOptions()*
- *public setOptions(\$Options)*
- *public getCity()*
- *public setCity(\$City)*
- *public getHouseNr()*

- `public setHouseNr($HouseNr)`
- `public getHouseNrExt()`
- `public setHouseNrExt($HouseNrExt)`
- `public getStreet()`
- `public setStreet($Street)`
- `public getCoordinates()`
- `public setCoordinates($Coordinates)`
- `public getCoordinatesNorthWest()`
- `public setCoordinatesNorthWest($CoordinatesNorthWest)`
- `public getCoordinatesSouthEast()`
- `public setCoordinatesSouthEast($CoordinatesSouthEast)`
- `public getLocationCode()`
- `public setLocationCode($LocationCode)`
- `public getSaleschannel()`
- `public setSaleschannel($Saleschannel)`
- `public getTerminalType()`
- `public setTerminalType($TerminalType)`
- `public getRetailNetworkID()`
- `public setRetailNetworkID($RetailNetworkID)`
- `public getDownPartnerID()`
- `public setDownPartnerID($DownPartnerID)`
- `public getDownPartnerLocation()`
- `public setDownPartnerLocation($DownPartnerLocation)`
- `public getAllowSundaySorting()`
- `public getDeliveryDate()`
- `public getPostalcode()`

Properties

protected static property Firstred\PostNL\Entity\Location::\$AllowSundaySorting

Type string | null

protected static property Firstred\PostNL\Entity\Location::\$DeliveryDate

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Location::\$DeliveryOptions

Type string[] | null

protected static property Firstred\PostNL\Entity\Location::\$OpeningTime

Type string | null

protected static property Firstred\PostNL\Entity\Location::\$Options

Type string[] | null

protected static property Firstred\PostNL\Entity\Location::\$City

Type string | null
protected static property Firstred\PostNL\Entity\Location::\$HouseNr
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$HouseNrExt
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$Postalcode
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$Street
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$Coordinates
Type *\Firstred\PostNL\Entity\Coordinates* | null
protected static property Firstred\PostNL\Entity\Location::\$CoordinatesNorthWest
Type *\Firstred\PostNL\Entity\CoordinatesNorthWest* | null
protected static property Firstred\PostNL\Entity\Location::\$CoordinatesSouthEast
Type *\Firstred\PostNL\Entity\CoordinatesSouthEast* | null
protected static property Firstred\PostNL\Entity\Location::\$LocationCode
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$Saleschannel
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$TerminalType
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$RetailNetworkID
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$DownPartnerID
Type string | null
protected static property Firstred\PostNL\Entity\Location::\$DownPartnerLocation
Type string | null

Methods

```
public Firstred\PostNL\Entity\Location::__construct($Postalcode=null, string|bool|int|null  
                                                    $AllowSundaySorting=null,  
                                                    string|\DateTimeInterface|null  
                                                    $DeliveryDate=null,  
                                                    $DeliveryOptions=null,  
                                                    $OpeningTime=null, $Options=null,  
                                                    $Coordinates=null,  
                                                    $CoordinatesNorthWest=null,  
                                                    $CoordinatesSouthEast=null, $City=null,  
                                                    $Street=null, $HouseNr=null,  
                                                    $HouseNrExt=null, $LocationCode=null,  
                                                    $Saleschannel=null, $TerminalType=null,  
                                                    $RetailNetworkID=null,  
                                                    $DownPartnerID=null,  
                                                    $DownPartnerLocation=null)
```

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

```
public Firstred\PostNL\Entity\Location::setDeliveryDate(string|\DateTimeInterface|null  
                                                       $DeliveryDate=null)
```

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

```
public Firstred\PostNL\Entity\Location::setPostalcode($Postalcode=null)
```

Parameters

- **\$Postalcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::setAllowSundaySorting(string|bool|int|null  
                                                             $AllowSundaySorting=null)
```

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\Entity\Location::getDeliveryOptions()
```

Returns string[] | null

```
public Firstred\PostNL\Entity\Location::setDeliveryOptions($DeliveryOptions)
```

Parameters

- **\$DeliveryOptions** (string[] | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getOpeningTime()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::setOpeningTime($OpeningTime)
```

Parameters

- **\$OpeningTime** (string | null)

Returns static**public** Firstred\PostNL\Entity\Location::**getOptions**()**Returns** string[] | null**public** Firstred\PostNL\Entity\Location::**setOptions**(\$Options)**Parameters**

- **\$Options** (string[] | null)

Returns static**public** Firstred\PostNL\Entity\Location::**getCity**()**Returns** string | null**public** Firstred\PostNL\Entity\Location::**setCity**(\$City)**Parameters**

- **\$City** (string | null)

Returns static**public** Firstred\PostNL\Entity\Location::**getHouseNr**()**Returns** string | null**public** Firstred\PostNL\Entity\Location::**setHouseNr**(\$HouseNr)**Parameters**

- **\$HouseNr** (string | null)

Returns static**public** Firstred\PostNL\Entity\Location::**getHouseNrExt**()**Returns** string | null**public** Firstred\PostNL\Entity\Location::**setHouseNrExt**(\$HouseNrExt)**Parameters**

- **\$HouseNrExt** (string | null)

Returns static**public** Firstred\PostNL\Entity\Location::**getStreet**()**Returns** string | null**public** Firstred\PostNL\Entity\Location::**setStreet**(\$Street)**Parameters**

- **\$Street** (string | null)

Returns static

public Firstred\PostNL\Entity\Location::getCoordinates()

Returns *\Firstred\PostNL\Entity\Coordinates* | null

public Firstred\PostNL\Entity\Location::setCoordinates(*\$Coordinates*)

Parameters

- **\$Coordinates** (*Firstred\PostNL\Entity\Coordinates* | null)

Returns static

public Firstred\PostNL\Entity\Location::getCoordinatesNorthWest()

Returns *\Firstred\PostNL\Entity\CoordinatesNorthWest* | null

public Firstred\PostNL\Entity\Location::setCoordinatesNorthWest(*\$CoordinatesNorthWest*)

Parameters

- **\$CoordinatesNorthWest** (*Firstred\PostNL\Entity\CoordinatesNorthWest* | null)

Returns static

public Firstred\PostNL\Entity\Location::getCoordinatesSouthEast()

Returns *\Firstred\PostNL\Entity\CoordinatesSouthEast* | null

public Firstred\PostNL\Entity\Location::setCoordinatesSouthEast(*\$CoordinatesSouthEast*)

Parameters

- **\$CoordinatesSouthEast** (*Firstred\PostNL\Entity\CoordinatesSouthEast* | null)

Returns static

public Firstred\PostNL\Entity\Location::getLocationCode()

Returns string | null

public Firstred\PostNL\Entity\Location::setLocationCode(*\$LocationCode*)

Parameters

- **\$LocationCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Location::getSaleschannel()

Returns string | null

public Firstred\PostNL\Entity\Location::setSaleschannel(*\$Saleschannel*)

Parameters

- **\$Saleschannel** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getTerminalType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::setTerminalType($TerminalType)
```

Parameters

- **\$TerminalType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getRetailNetworkID()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::setRetailNetworkID($RetailNetworkID)
```

Parameters

- **\$RetailNetworkID** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getDownPartnerID()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::setDownPartnerID($DownPartnerID)
```

Parameters

- **\$DownPartnerID** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getDownPartnerLocation()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::setDownPartnerLocation($DownPartnerLocation)
```

Parameters

- **\$DownPartnerLocation** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Location::getAllowSundaySorting()
```

Returns string | null

```
public Firstred\PostNL\Entity\Location::getDeliveryDate()
```

Returns \DateTimeInterface | null

```
public Firstred\PostNL\Entity\Location::getPostalcode()
```

Returns string | null

ProductOption

```
class Firstred\PostNL\Entity\ProductOption
    Parent Firstred\PostNL\Entity\AbstractEntity
```

Summary

Methods

- `public __construct($Characteristic, $Option, $Description)`
- `public getCharacteristic()`
- `public setCharacteristic($Characteristic)`
- `public getOption()`
- `public setOption($Option)`
- `public getDescription()`
- `public setDescription($Description)`

Properties

```
protected static property Firstred\PostNL\Entity\ProductOption::$Characteristic
    Type string | null
protected static property Firstred\PostNL\Entity\ProductOption::$Option
    Type string | null
protected static property Firstred\PostNL\Entity\ProductOption::$Description
    Type string | null
```

Methods

```
public Firstred\PostNL\Entity\ProductOption::__construct($Characteristic=null, $Option=null,
                                                         $Description=null)
```

Parameters

- **\$Characteristic** (string | null)
- **\$Option** (string | null)
- **\$Description** (string | null)

```
public Firstred\PostNL\Entity\ProductOption::getCharacteristic()
```

Returns string | null

```
public Firstred\PostNL\Entity\ProductOption::setCharacteristic($Characteristic)
```

Parameters

- **\$Characteristic** (string | null)

Returns static

```
public Firstred\PostNL\Entity\ProductOption::getOption()
```

Returns string | null

```
public Firstred\PostNL\Entity\ProductOption::setOption($Option)
```

Parameters

- **\$Option** (string | null)

Returns static

```
public Firstred\PostNL\Entity\ProductOption::getDescription()
```

Returns string | null

```
public Firstred\PostNL\Entity\ProductOption::setDescription($Description)
```

Parameters

- **\$Description** (string | null)

Returns static

Shipment

```
class Firstred\PostNL\Entity\Shipment
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Addresses, \$Amounts, \$Barcode, \$Contacts, \$Content, \$CollectionTimeStampEnd, \$CollectionTimeStampStart, \$CostCenter, \$Customer, \$CustomerOrderNumber, \$Customs, \$DeliveryAddress, \$DeliveryDate, \$Dimension, \$DownPartnerBarcode, \$DownPartnerID, \$DownPartnerLocation, \$Events, \$Groups, \$IDExpiration, \$IDNumber, \$IDType, \$OldStatuses, \$ProductCodeCollect, \$ProductCodeDelivery, \$ProductOptions, \$ReceiverDateOfBirth, \$Reference, \$ReferenceCollect, \$Remark, \$ReturnBarcode, \$ReturnReference, \$StatusCode, \$PhaseCode, \$DateFrom, \$DateTo, \$DeliveryTimeStampStart, \$DeliveryTimeStampEnd)*
- *public getAddresses()*
- *public setAddresses(\$Addresses)*
- *public getAmounts()*
- *public setAmounts(\$Amounts)*
- *public getBarcode()*
- *public setBarcode(\$Barcode)*
- *public getContacts()*
- *public setContacts(\$Contacts)*
- *public getContent()*
- *public setContent(\$Content)*

- `public getCostCenter()`
- `public setCostCenter($CostCenter)`
- `public getCustomerOrderNumber()`
- `public setCustomerOrderNumber($CustomerOrderNumber)`
- `public getCustomer()`
- `public setCustomer($Customer)`
- `public getCustoms()`
- `public setCustoms($Customs)`
- `public getStatusCode()`
- `public setStatusCode($StatusCode)`
- `public getPhaseCode()`
- `public setPhaseCode($PhaseCode)`
- `public getDateFrom()`
- `public setDateFrom($DateFrom)`
- `public getDateTo()`
- `public setDateTo($DateTo)`
- `public getDeliveryAddress()`
- `public setDeliveryAddress($DeliveryAddress)`
- `public getDimension()`
- `public setDimension($Dimension)`
- `public getDownPartnerBarcode()`
- `public setDownPartnerBarcode($DownPartnerBarcode)`
- `public getDownPartnerID()`
- `public setDownPartnerID($DownPartnerID)`
- `public getDownPartnerLocation()`
- `public setDownPartnerLocation($DownPartnerLocation)`
- `public getEvents()`
- `public setEvents($Events)`
- `public getGroups()`
- `public setGroups($Groups)`
- `public getIDExpiration()`
- `public setIDExpiration($IDExpiration)`
- `public getIDNumber()`
- `public setIDNumber($IDNumber)`
- `public getIDType()`
- `public setIDType($IDType)`
- `public getOldStatuses()`
- `public setOldStatuses($OldStatuses)`
- `public getProductCodeCollect()`

- `public setProductCodeCollect($ProductCodeCollect)`
- `public getProductCodeDelivery()`
- `public setProductCodeDelivery($ProductCodeDelivery)`
- `public getProductOptions()`
- `public setProductOptions($ProductOptions)`
- `public getReceiverDateOfBirth()`
- `public setReceiverDateOfBirth($ReceiverDateOfBirth)`
- `public getReference()`
- `public setReference($Reference)`
- `public getReferenceCollect()`
- `public setReferenceCollect($ReferenceCollect)`
- `public getRemark()`
- `public setRemark($Remark)`
- `public getReturnBarcode()`
- `public setReturnBarcode($ReturnBarcode)`
- `public getReturnReference()`
- `public setReturnReference($ReturnReference)`
- `public getCollectionTimeStampEnd()`
- `public getCollectionTimeStampStart()`
- `public getDeliveryTimeStampStart()`
- `public getDeliveryTimeStampEnd()`
- `public getDeliveryDate()`
- `public setCollectionTimeStampStart($CollectionTimeStampStart)`
- `public setCollectionTimeStampEnd($CollectionTimeStampEnd)`
- `public setDeliveryTimeStampStart($DeliveryTimeStampStart)`
- `public setDeliveryTimeStampEnd($DeliveryTimeStampEnd)`
- `public setDeliveryDate($DeliveryDate)`

Properties

protected static property Firstred\PostNL\Entity\Shipment::\$Addresses

Type \Firstred\PostNL\Entity\Address[] | null

protected static property Firstred\PostNL\Entity\Shipment::\$Amounts

Type \Firstred\PostNL\Entity\Amount[] | null

protected static property Firstred\PostNL\Entity\Shipment::\$Barcode

Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$CollectionTimeStampEnd

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$CollectionTimeStampStart

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$Contacts
 Type \Firstred\PostNL\Entity\Contact[] | null

protected static property Firstred\PostNL\Entity\Shipment::\$Content
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$CostCenter
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$CustomerOrderNumber
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$Customer
 Type \Firstred\PostNL\Entity\Customer | null

protected static property Firstred\PostNL\Entity\Shipment::\$Customs
 Type \Firstred\PostNL\Entity\Customs | null

protected static property Firstred\PostNL\Entity\Shipment::\$StatusCode
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$PhaseCode
 Type int | null

protected static property Firstred\PostNL\Entity\Shipment::\$DateFrom
 Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$DateTo
 Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$DeliveryAddress
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$DeliveryTimeStampStart
 Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$DeliveryTimeStampEnd
 Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$DeliveryDate
 Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Shipment::\$Dimension
 Type \Firstred\PostNL\Entity\Dimension | null

protected static property Firstred\PostNL\Entity\Shipment::\$DownPartnerBarcode
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$DownPartnerID
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$DownPartnerLocation
 Type string | null

protected static property Firstred\PostNL\Entity\Shipment::\$Events
 Type \Firstred\PostNL\Entity\Event[] | null

protected static property Firstred\PostNL\Entity\Shipment::\$Groups

Type `\Firstred\PostNL\Entity\Group[]` | null

protected static property `Firstred\PostNL\Entity\Shipment::$IDExpiration`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$IDNumber`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$IDType`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$OldStatuses`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ProductCodeCollect`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ProductCodeDelivery`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ProductOptions`

Type `\Firstred\PostNL\Entity\ProductOption[]` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ReceiverDateOfBirth`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$Reference`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ReferenceCollect`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$Remark`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ReturnBarcode`

Type `string` | null

protected static property `Firstred\PostNL\Entity\Shipment::$ReturnReference`

Type `string` | null

Methods

```
public Firstred\PostNL\Entity\Shipment::__construct($Addresses=null, $Amounts=null,
                                                    $Barcode=null, $Contacts=null,
                                                    $Content=null,
                                                    string\DateTimeInterface|null
                                                    $CollectionTimeStampEnd=null,
                                                    string\DateTimeInterface|null
                                                    $CollectionTimeStampStart=null,
                                                    $CostCenter=null, $Customer=null,
                                                    $CustomerOrderNumber=null,
                                                    $Customs=null, $DeliveryAddress=null,
                                                    string\DateTimeInterface|null
                                                    $DeliveryDate=null, $Dimension=null,
                                                    $DownPartnerBarcode=null,
                                                    $DownPartnerID=null,
                                                    $DownPartnerLocation=null, $Events=null,
                                                    $Groups=null, $IDExpiration=null,
                                                    $IDNumber=null, $IDType=null,
                                                    $OldStatuses=null,
                                                    $ProductCodeCollect=null,
                                                    $ProductCodeDelivery=null,
                                                    $ProductOptions=null,
                                                    $ReceiverDateOfBirth=null,
                                                    $Reference=null, $ReferenceCollect=null,
                                                    $Remark=null, $ReturnBarcode=null,
                                                    $ReturnReference=null, $StatusCode=null,
                                                    $PhaseCode=null, $DateFrom=null,
                                                    $DateTo=null,
                                                    string\DateTimeInterface|null
                                                    $DeliveryTimeStampStart=null,
                                                    string\DateTimeInterface|null
                                                    $DeliveryTimeStampEnd=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

```
public Firstred\PostNL\Entity\Shipment::getAddresses()
```

Returns [\Firstred\PostNL\Entity\Address\[\]](#) | null

```
public Firstred\PostNL\Entity\Shipment::setAddresses($Addresses)
```

Parameters

- **\$Addresses** ([Firstred\PostNL\Entity\Address\[\]](#) | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getAmounts()
```

Returns [\Firstred\PostNL\Entity\Amount\[\]](#) | null

```
public Firstred\PostNL\Entity\Shipment::setAmounts($Amounts)
```

Parameters

- **\$Amounts** ([Firstred\PostNL\Entity\Amount\[\]](#) | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setBarcode($Barcode)
```

Parameters

- **\$Barcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getContacts()
```

Returns *\Firstred\PostNL\Entity>Contact* | null

```
public Firstred\PostNL\Entity\Shipment::setContacts($Contacts)
```

Parameters

- **\$Contacts** (array | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getContent()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setContent($Content)
```

Parameters

- **\$Content** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getCostCenter()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setCostCenter($CostCenter)
```

Parameters

- **\$CostCenter** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getCustomerOrderNumber()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setCustomerOrderNumber($CustomerOrderNumber)
```

Parameters

- **\$CustomerOrderNumber** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getCustomer()
```

Returns *\Firstred\PostNL\Entity\Customer* | null

public Firstred\PostNL\Entity\Shipment::setCustomer(*\$Customer*)

Parameters

- **\$Customer** (*Firstred\PostNL\Entity\Customer* | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getCustoms()

Returns *\Firstred\PostNL\Entity\Customs* | null

public Firstred\PostNL\Entity\Shipment::setCustoms(*\$Customs*)

Parameters

- **\$Customs** (*Firstred\PostNL\Entity\Customs* | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getStatusCode()

Returns string | null

public Firstred\PostNL\Entity\Shipment::setStatusCode(*\$StatusCode*)

Parameters

- **\$StatusCode** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getPhaseCode()

Returns int | null

public Firstred\PostNL\Entity\Shipment::setPhaseCode(*\$PhaseCode*)

Parameters

- **\$PhaseCode** (int | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getDateFrom()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Shipment::setDateFrom(*\$DateFrom*)

Parameters

- **\$DateFrom** (DateTimeInterface | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getDateTo()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Shipment::setDateTo(*\$DateTo*)

Parameters

- **\$DateTo** (DateTimeInterface | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getDeliveryAddress()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setDeliveryAddress($DeliveryAddress)
```

Parameters

- **\$DeliveryAddress** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getDimension()
```

Returns *\Firstred\PostNL\Entity\Dimension* | null

```
public Firstred\PostNL\Entity\Shipment::setDimension($Dimension)
```

Parameters

- **\$Dimension** (*Firstred\PostNL\Entity\Dimension* | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getDownPartnerBarcode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setDownPartnerBarcode($DownPartnerBarcode)
```

Parameters

- **\$DownPartnerBarcode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getDownPartnerID()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setDownPartnerID($DownPartnerID)
```

Parameters

- **\$DownPartnerID** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getDownPartnerLocation()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setDownPartnerLocation($DownPartnerLocation)
```

Parameters

- **\$DownPartnerLocation** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getEvents()
```

Returns `\Firstred\PostNL\Entity\Event[]` | null

```
public Firstred\PostNL\Entity\Shipment::setEvents($Events)
```

Parameters

- **\$Events** (`\Firstred\PostNL\Entity\Event[]` | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getGroups()
```

Returns `\Firstred\PostNL\Entity\Group[]` | null

```
public Firstred\PostNL\Entity\Shipment::setGroups($Groups)
```

Parameters

- **\$Groups** (`\Firstred\PostNL\Entity\Group[]` | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getIDExpiration()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setIDExpiration($IDExpiration)
```

Parameters

- **\$IDExpiration** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getIDNumber()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setIDNumber($IDNumber)
```

Parameters

- **\$IDNumber** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getIDType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setIDType($IDType)
```

Parameters

- **\$IDType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getOldStatuses()
```

Returns string | null


```
public Firstred\PostNL\Entity\Shipment::setOldStatuses($OldStatuses)
```

Parameters

- **\$OldStatuses** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getProductCodeCollect()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setProductCodeCollect($ProductCodeCollect)
```

Parameters

- **\$ProductCodeCollect** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getProductCodeDelivery()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setProductCodeDelivery($ProductCodeDelivery)
```

Parameters

- **\$ProductCodeDelivery** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getProductOptions()
```

Returns *\Firstred\PostNL\Entity\ProductOption[]* | null

```
public Firstred\PostNL\Entity\Shipment::setProductOptions($ProductOptions)
```

Parameters

- **\$ProductOptions** (*\Firstred\PostNL\Entity\ProductOption[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getReceiverDateOfBirth()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setReceiverDateOfBirth($ReceiverDateOfBirth)
```

Parameters

- **\$ReceiverDateOfBirth** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Shipment::getReference()
```

Returns string | null

```
public Firstred\PostNL\Entity\Shipment::setReference($Reference)
```

Parameters

- **\$Reference** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getReferenceCollect()

Returns string | null

public Firstred\PostNL\Entity\Shipment::setReferenceCollect(*\$ReferenceCollect*)

Parameters

- **\$ReferenceCollect** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getRemark()

Returns string | null

public Firstred\PostNL\Entity\Shipment::setRemark(*\$Remark*)

Parameters

- **\$Remark** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getReturnBarcode()

Returns string | null

public Firstred\PostNL\Entity\Shipment::setReturnBarcode(*\$ReturnBarcode*)

Parameters

- **\$ReturnBarcode** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getReturnReference()

Returns string | null

public Firstred\PostNL\Entity\Shipment::setReturnReference(*\$ReturnReference*)

Parameters

- **\$ReturnReference** (string | null)

Returns static

public Firstred\PostNL\Entity\Shipment::getCollectionTimeStampEnd()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Shipment::getCollectionTimeStampStart()

Returns \DateTimeInterface | null

public Firstred\PostNL\Entity\Shipment::getDeliveryTimeStampStart()

Returns \DateTimeInterface | null

```
public Firstred\PostNL\Entity\Shipment::getDeliveryTimeStampEnd()
```

Returns \DateTimeInterface | null

```
public Firstred\PostNL\Entity\Shipment::getDeliveryDate()
```

Returns \DateTimeInterface | null

```
public Firstred\PostNL\Entity\Shipment::setCollectionTimeStampStart(string|\DateTimeInterface|null
                                                                    $CollectionTimeStamp-
                                                                    Start=null)
```

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public Firstred\PostNL\Entity\Shipment::setCollectionTimeStampEnd(string|\DateTimeInterface|null
                                                                    $CollectionTimeStamp-
                                                                    End=null)
```

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public Firstred\PostNL\Entity\Shipment::setDeliveryTimeStampStart(string|\DateTimeInterface|null
                                                                    $DeliveryTimeStamp-
                                                                    Start=null)
```

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public Firstred\PostNL\Entity\Shipment::setDeliveryTimeStampEnd(string|\DateTimeInterface|null
                                                                    $DeliveryTimeStamp-
                                                                    End=null)
```

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public Firstred\PostNL\Entity\Shipment::setDeliveryDate(string|\DateTimeInterface|null
                                                         $DeliveryDate=null)
```

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

Status

```
class Firstred\PostNL\Entity>Status
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- `public __construct($PhaseCode, $PhaseDescription, $StatusCode, $StatusDescription, $TimeStamp)`
- `public getPhaseCode()`
- `public setPhaseCode($PhaseCode)`
- `public getPhaseDescription()`
- `public setPhaseDescription($PhaseDescription)`
- `public getStatusCode()`
- `public setStatusCode($StatusCode)`
- `public getStatusDescription()`
- `public setStatusDescription($StatusDescription)`
- `public getTimeStamp()`
- `public setTimeStamp($TimeStamp)`

Properties

protected static property Firstred\PostNL\Entity\Status::\$PhaseCode

Type string | null

protected static property Firstred\PostNL\Entity\Status::\$PhaseDescription

Type string | null

protected static property Firstred\PostNL\Entity\Status::\$StatusCode

Type string | null

protected static property Firstred\PostNL\Entity\Status::\$StatusDescription

Type string | null

protected static property Firstred\PostNL\Entity\Status::\$TimeStamp

Type \DateTimeInterface | null

Methods

public Firstred\PostNL\Entity\Status::__construct(*\$PhaseCode=null, \$PhaseDescription=null, \$StatusCode=null, \$StatusDescription=null, string|\DateTimeInterface|null \$TimeStamp=null*)

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

public Firstred\PostNL\Entity\Status::getPhaseCode()

Returns string | null

public Firstred\PostNL\Entity\Status::setPhaseCode(*\$PhaseCode*)

Parameters

- **\$PhaseCode** (string | null)

Returns `\Firstred\PostNL\Entity\Status`**public** Firstred\PostNL\Entity\Status::**getPhaseDescription**()**Returns** string | null**public** Firstred\PostNL\Entity\Status::**setPhaseDescription**(\$PhaseDescription)**Parameters**

- **\$PhaseDescription** (string | null)

Returns `\Firstred\PostNL\Entity\Status`**public** Firstred\PostNL\Entity\Status::**getStatusCode**()**Returns** string | null**public** Firstred\PostNL\Entity\Status::**setStatusCode**(\$StatusCode)**Parameters**

- **\$StatusCode** (string | null)

Returns `\Firstred\PostNL\Entity\Status`**public** Firstred\PostNL\Entity\Status::**getStatusDescription**()**Returns** string | null**public** Firstred\PostNL\Entity\Status::**setStatusDescription**(\$StatusDescription)**Parameters**

- **\$StatusDescription** (string | null)

Returns `\Firstred\PostNL\Entity\Status`**public** Firstred\PostNL\Entity\Status::**getTimeStamp**()**Returns** `\DateTimeInterface` | null**public** Firstred\PostNL\Entity\Status::**setTimeStamp**(string|\DateTimeInterface|null
\$TimeStamp=null)**Throws** `\Firstred\PostNL\Exception\InvalidArgumentException`**Since** 1.2.0

Sustainability

class Firstred\PostNL\Entity\Sustainability

Class Sustainability.

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Code, \$Description)*
- *public getCode()*
- *public setCode(\$Code)*
- *public getDescription()*
- *public setDescription(\$Description)*

Properties

protected static property Firstred\PostNL\Entity\Sustainability::\$Code

Type string | null

protected static property Firstred\PostNL\Entity\Sustainability::\$Description

Type string | null

Methods

public Firstred\PostNL\Entity\Sustainability::__construct(\$Code=null, \$Description=null)

Parameters

- **\$Code** (string | null)
- **\$Description** (string | null)

public Firstred\PostNL\Entity\Sustainability::getCode()

Returns string | null

Since 1.4.2

public Firstred\PostNL\Entity\Sustainability::setCode(\$Code)

Parameters

- **\$Code** (string | null)

Returns static

Since 1.4.2

public Firstred\PostNL\Entity\Sustainability::getDescription()

Returns string | null

Since 1.4.2

```
public Firstred\PostNL\Entity\Sustainability::setDescription($Description)
```

Parameters

- **\$Description** (string | null)

Returns static

Since 1.4.2

Timeframe

```
class Firstred\PostNL\Entity\Timeframe
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$City, \$CountryCode, \$Date, \$EndDate, \$HouseNr, \$HouseNrExt, \$Options, \$PostalCode, \$Street, \$SundaySorting, \$Interval, \$Range, \$Timeframes, \$StartDate)*
- *public setDate(\$Date)*
- *public setStartDate(\$StartDate)*
- *public setEndDate(\$EndDate)*
- *public setPostalCode(\$PostalCode)*
- *public getCity()*
- *public setCity(\$City)*
- *public getCountryCode()*
- *public setCountryCode(\$CountryCode)*
- *public getHouseNr()*
- *public setHouseNr(\$HouseNr)*
- *public getHouseNrExt()*
- *public setHouseNrExt(\$HouseNrExt)*
- *public getOptions()*
- *public setOptions(\$Options)*
- *public getStreet()*
- *public setStreet(\$Street)*
- *public getInterval()*
- *public setInterval(\$Interval)*
- *public getTimeframeRange()*
- *public setTimeframeRange(\$TimeframeRange)*
- *public getTimeframes()*

- `public setTimeframes($Timeframes)`
- `public getDate()`
- `public getEndDate()`
- `public getPostalCode()`
- `public getStartDate()`
- `public getSundaySorting()`
- `public setSundaySorting($SundaySorting)`
- `public jsonSerialize()`

Properties

protected static property Firstred\PostNL\Entity\Timeframe::\$City

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$CountryCode

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$Date

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Timeframe::\$EndDate

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Timeframe::\$HouseNr

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$HouseNrExt

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$Options

Type string[] | null

protected static property Firstred\PostNL\Entity\Timeframe::\$PostalCode

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$StartDate

Type \DateTimeInterface | null

protected static property Firstred\PostNL\Entity\Timeframe::\$Street

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$SundaySorting

Type bool | null

protected static property Firstred\PostNL\Entity\Timeframe::\$Interval

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$TimeframeRange

Type string | null

protected static property Firstred\PostNL\Entity\Timeframe::\$Timeframes

Type \Firstred\PostNL\Entity\TimeframeTimeFrame[] | \Firstred\PostNL\Entity\Timeframe[] | null

Methods

```
public Firstred\PostNL\Entity\Timeframe::__construct( $City=null, $CountryCode=null,
string\\DateTimeInterface|null
$Date=null,
string\\DateTimeInterface|null
$EndDate=null, $HouseNr=null,
$HouseNrExt=null, $Options=[\],
$PostalCode=null, $Street=null,
$SundaySorting='false', $Interval=null,
$Range=null, $Timeframes=null,
string\\DateTimeInterface|null
$StartDate=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

```
public Firstred\PostNL\Entity\Timeframe::setDate(string\\DateTimeInterface|null $Date=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

Since 1.2.0

```
public Firstred\PostNL\Entity\Timeframe::setStartDate(string\\DateTimeInterface|null
$StartDate=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

Since 1.2.0

```
public Firstred\PostNL\Entity\Timeframe::setEndDate(string\\DateTimeInterface|null
$EndDate=null)
```

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

Since 1.2.0

```
public Firstred\PostNL\Entity\Timeframe::setPostalCode($PostalCode=null)
```

Parameters

- **\$PostalCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframe::getCity()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setCity($City)
```

Parameters

- **\$City** (string | null)

Returns [\Firstred\PostNL\Entity\Timeframe](#)

```
public Firstred\PostNL\Entity\Timeframe::getCountryCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setCountryCode($CountryCode)
```

Parameters

- **\$CountryCode** (string | null)

Returns `\Firstred\PostNL\Entity\Timeframe`

```
public Firstred\PostNL\Entity\Timeframe::getHouseNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setHouseNr($HouseNr)
```

Parameters

- **\$HouseNr** (string | null)

Returns `\Firstred\PostNL\Entity\Timeframe`

```
public Firstred\PostNL\Entity\Timeframe::getHouseNrExt()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setHouseNrExt($HouseNrExt)
```

Parameters

- **\$HouseNrExt** (string | null)

Returns `\Firstred\PostNL\Entity\Timeframe`

```
public Firstred\PostNL\Entity\Timeframe::getOptions()
```

Returns array | null

```
public Firstred\PostNL\Entity\Timeframe::setOptions($Options)
```

Parameters

- **\$Options** (array | null)

Returns `\Firstred\PostNL\Entity\Timeframe`

```
public Firstred\PostNL\Entity\Timeframe::getStreet()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setStreet($Street)
```

Parameters

- **\$Street** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframe::getInterval()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setInterval($Interval)
```

Parameters

- **\$Interval** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframe::getTimeframeRange()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::setTimeframeRange($TimeframeRange)
```

Parameters

- **\$TimeframeRange** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframe::getTimeframes()
```

Returns *\Firstred\PostNL\Entity\TimeframeTimeFrame[]* | *\Firstred\PostNL\Entity\Timeframe[]* | null

```
public Firstred\PostNL\Entity\Timeframe::setTimeframes($Timeframes)
```

Parameters

- **\$Timeframes** (*Firstred\PostNL\Entity\TimeframeTimeFrame[]* | *\Firstred\PostNL\Entity\Timeframe[]* | null)

Returns static

```
public Firstred\PostNL\Entity\Timeframe::getDate()
```

Returns *\DateTimeInterface* | null

```
public Firstred\PostNL\Entity\Timeframe::getEndDate()
```

Returns *\DateTimeInterface* | null

```
public Firstred\PostNL\Entity\Timeframe::getPostalCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Timeframe::getStartDate()
```

Returns *\DateTimeInterface* | null

```
public Firstred\PostNL\Entity\Timeframe::getSundaySorting()
```

Returns bool | null

```
public Firstred\PostNL\Entity\Timeframe::setSundaySorting(string|bool|int|null  
$SundaySorting=null)
```

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\Entity\Timeframe::jsonSerialize()
```

Returns array

Throws *\Firstred\PostNL\Exception\ServiceNotSetException*

Customs

class Firstred\PostNL\Entity\Customs

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public __construct(\$Certificate, \$CertificateNr, \$Content, \$Currency, \$HandleAsNonDeliverable, \$Invoice, \$InvoiceNr, \$License, \$LicenseNr, \$ShipmentType, \$TrustedShipperID, \$TransactionCode, \$TransactionDescription, \$ImporterReferenceCode)*
- *public getCertificate()*
- *public setCertificate(\$Certificate)*
- *public getCertificateNr()*
- *public setCertificateNr(\$CertificateNr)*
- *public getContent()*
- *public setContent(\$Content)*
- *public getCurrency()*
- *public setCurrency(\$Currency)*
- *public getHandleAsNonDeliverable()*
- *public setHandleAsNonDeliverable(\$HandleAsNonDeliverable)*
- *public getInvoice()*
- *public setInvoice(\$Invoice)*
- *public getInvoiceNr()*
- *public setInvoiceNr(\$InvoiceNr)*
- *public getLicense()*
- *public setLicense(\$License)*
- *public getLicenseNr()*
- *public setLicenseNr(\$LicenseNr)*
- *public getShipmentType()*
- *public setShipmentType(\$ShipmentType)*
- *public getTrustedShipperID()*
- *public setTrustedShipperID(\$TrustedShipperID)*
- *public getTransactionCode()*
- *public setTransactionCode(\$TransactionCode)*
- *public getTransactionDescription()*
- *public setTransactionDescription(\$TransactionDescription)*
- *public getImporterReferenceCode()*
- *public setImporterReferenceCode(\$ImporterReferenceCode)*

Properties

protected static property Firstred\PostNL\Entity\Customs::\$Certificate

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$CertificateNr

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$Content

Type \Firstred\PostNL\Entity\Content[] | null

protected static property Firstred\PostNL\Entity\Customs::\$Currency

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$HandleAsNonDeliverable

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$Invoice

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$InvoiceNr

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$License

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$LicenseNr

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$ShipmentType

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$TrustedShipperID

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$TransactionCode

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$TransactionDescription

Type string | null

protected static property Firstred\PostNL\Entity\Customs::\$ImporterReferenceCode

Type string | null

Methods

```
public Firstred\PostNL\Entity\Customs::__construct($Certificate=null, $CertificateNr=null,  
                                                    $Content=null, $Currency=null,  
                                                    $HandleAsNonDeliverable=null,  
                                                    $Invoice=null, $InvoiceNr=null,  
                                                    $License=null, $LicenseNr=null,  
                                                    $ShipmentType=null,  
                                                    $TrustedShipperID=null,  
                                                    $TransactionCode=null,  
                                                    $TransactionDescription=null,  
                                                    $ImporterReferenceCode=null)
```

Parameters

- ***\$Certificate*** (string | null)
- ***\$CertificateNr*** (string | null)
- ***\$Content*** (array | null)
- ***\$Currency*** (string | null)
- ***\$HandleAsNonDeliverable*** (string | null)
- ***\$Invoice*** (string | null)
- ***\$InvoiceNr*** (string | null)
- ***\$License*** (string | null)
- ***\$LicenseNr*** (string | null)
- ***\$ShipmentType*** (string | null)
- ***\$TrustedShipperID*** (string | null)
- ***\$TransactionCode*** (string | null)
- ***\$TransactionDescription*** (string | null)
- ***\$ImporterReferenceCode*** (string | null)

```
public Firstred\PostNL\Entity\Customs::getCertificate()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setCertificate($Certificate)
```

Parameters

- ***\$Certificate*** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getCertificateNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setCertificateNr($CertificateNr)
```

Parameters

- ***\$CertificateNr*** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getContent()
```

Returns `\Firstred\PostNL\Entity\Content[] | null`

```
public Firstred\PostNL\Entity\Customs::setContent($Content)
```

Parameters

- **\$Content** (`Firstred\PostNL\Entity\Content[] | null`)

Returns static

```
public Firstred\PostNL\Entity\Customs::getCurrency()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Customs::setCurrency($Currency)
```

Parameters

- **\$Currency** (`string | null`)

Returns static

```
public Firstred\PostNL\Entity\Customs::getHandleAsNonDeliverable()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Customs::setHandleAsNonDeliverable($HandleAsNonDeliverable)
```

Parameters

- **\$HandleAsNonDeliverable** (`string | null`)

Returns static

```
public Firstred\PostNL\Entity\Customs::getInvoice()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Customs::setInvoice($Invoice)
```

Parameters

- **\$Invoice** (`string | null`)

Returns static

```
public Firstred\PostNL\Entity\Customs::getInvoiceNr()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Customs::setInvoiceNr($InvoiceNr)
```

Parameters

- **\$InvoiceNr** (`string | null`)

Returns static

```
public Firstred\PostNL\Entity\Customs::getLicense()
```

Returns `string | null`

```
public Firstred\PostNL\Entity\Customs::setLicense($License)
```

Parameters

- **\$License** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getLicenseNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setLicenseNr($LicenseNr)
```

Parameters

- **\$LicenseNr** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getShipmentType()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setShipmentType($ShipmentType)
```

Parameters

- **\$ShipmentType** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getTrustedShipperID()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setTrustedShipperID($TrustedShipperID)
```

Parameters

- **\$TrustedShipperID** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getTransactionCode()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setTransactionCode($TransactionCode)
```

Parameters

- **\$TransactionCode** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Customs::getTransactionDescription()
```

Returns string | null

```
public Firstred\PostNL\Entity\Customs::setTransactionDescription($TransactionDescription)
```

Parameters

- **\$TransactionDescription** (string | null)

Returns static

public Firstred\PostNL\Entity\Customs::**getImporterReferenceCode**()

Returns string | null

public Firstred\PostNL\Entity\Customs::**setImporterReferenceCode**(*\$ImporterReferenceCode*)

Parameters

- **\$ImporterReferenceCode** (string | null)

Returns static

TimeframeTimeFrame

class Firstred\PostNL\Entity\TimeframeTimeFrame

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- *public* **__construct**(\$GetSentDate, \$From, \$To, \$Options, \$Sustainability)
- *public* **getDate**()
- *public* **setDate**(\$Date)
- *public* **getFrom**()
- *public* **setFrom**(\$From)
- *public* **getTo**()
- *public* **setTo**(\$To)
- *public* **getOptions**()
- *public* **setOptions**(\$Options)
- *public* **getSustainability**()
- *public* **setSustainability**(\$Sustainability)
- *public static* **jsonDeserialize**(\$json)

Properties

protected static property Firstred\PostNL\Entity\TimeframeTimeFrame::**\$Date**

Type string | null

protected static property Firstred\PostNL\Entity\TimeframeTimeFrame::**\$From**

Type string | null

protected static property Firstred\PostNL\Entity\TimeframeTimeFrame::**\$To**

Type string | null

protected static property Firstred\PostNL\Entity\TimeframeTimeFrame::**\$Options**

Type string[] | null

protected static property Firstred\PostNL\Entity\TimeframeTimeFrame::\$Sustainability

Type [\Firstred\PostNL\Entity\Sustainability](#) | null

Methods

public Firstred\PostNL\Entity\TimeframeTimeFrame::__construct(*\$GetSentDate=null,*
\$From=null, \$To=null,
\$Options=null,
\$Sustainability=null)

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

public Firstred\PostNL\Entity\TimeframeTimeFrame::getDate()

Returns string | null

public Firstred\PostNL\Entity\TimeframeTimeFrame::setDate(*string|\DateTimeInterface|null*
\$Date=null)

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

Since 1.2.0

public Firstred\PostNL\Entity\TimeframeTimeFrame::getFrom()

Returns string | null

public Firstred\PostNL\Entity\TimeframeTimeFrame::setFrom(*\$From*)

Parameters

- **\$From** (string | null)

Returns static

public Firstred\PostNL\Entity\TimeframeTimeFrame::getTo()

Returns string | null

public Firstred\PostNL\Entity\TimeframeTimeFrame::setTo(*\$To*)

Parameters

- **\$To** (string | null)

Returns static

public Firstred\PostNL\Entity\TimeframeTimeFrame::getOptions()

Returns string[] | null

public Firstred\PostNL\Entity\TimeframeTimeFrame::setOptions(*\$Options*)

Parameters

- **\$Options** (string[] | null)

Returns static

```
public Firstred\PostNL\Entity\TimeframeTimeFrame::getSustainability()
```

Returns *\Firstred\PostNL\Entity\Sustainability* | null

Since 1.4.2

```
public Firstred\PostNL\Entity\TimeframeTimeFrame::setSustainability($Sustainability)
```

Parameters

- **\$Sustainability** (*Firstred\PostNL\Entity\Sustainability* | null)

Returns static

Since 1.4.2

```
public static Firstred\PostNL\Entity\TimeframeTimeFrame::jsonDeserialize($json)
```

Parameters

- **\$json** (stdClass)

Returns *\Firstred\PostNL\Entity\TimeframeTimeFrame*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 1.2.0

CoordinatesNorthWest

```
class Firstred\PostNL\Entity\CoordinatesNorthWest
```

Parent *Firstred\PostNL\Entity\Coordinates*

Summary

CutOffTime

```
class Firstred\PostNL\Entity\CutOffTime
```

Parent *Firstred\PostNL\Entity\AbstractEntity*

Summary

Methods

- `public __construct($Day, $Time, $Available)`
- `public getDay()`
- `public setDay($Day)`
- `public getTime()`
- `public setTime($Time)`
- `public getAvailable()`
- `public setAvailable($Available)`

Properties

protected static property Firstred\PostNL\Entity\CutOffTime::\$Day

Type string | null

protected static property Firstred\PostNL\Entity\CutOffTime::\$Time

Type string | null

protected static property Firstred\PostNL\Entity\CutOffTime::\$Available

Type bool | null

Methods

public Firstred\PostNL\Entity\CutOffTime::__construct(*\$Day=null, \$Time=null, \$Available=null*)

Parameters

- **\$Day** (string | null)
- **\$Time** (string | null)
- **\$Available** (bool | null)

public Firstred\PostNL\Entity\CutOffTime::getDay()

Returns string | null

public Firstred\PostNL\Entity\CutOffTime::setDay(*\$Day*)

Parameters

- **\$Day** (string | null)

Returns static

public Firstred\PostNL\Entity\CutOffTime::getTime()

Returns string | null

public Firstred\PostNL\Entity\CutOffTime::setTime(*\$Time*)

Parameters

- **\$Time** (string | null)

Returns static

```
public Firstred\PostNL\Entity\CutOffTime::getAvailable()
```

Returns bool | null

```
public Firstred\PostNL\Entity\CutOffTime::setAvailable($Available)
```

Parameters

- **\$Available** (bool | null)

Returns static**Content**

```
class Firstred\PostNL\Entity\Content
```

```
    Parent Firstred\PostNL\Entity\AbstractEntity
```

Summary**Methods**

- `public __construct($CountryOfOrigin, $Description, $HSTariffNr, $Quantity, $Value, $Weight, $Content)`
- `public getCountryOfOrigin()`
- `public setCountryOfOrigin($CountryOfOrigin)`
- `public getDescription()`
- `public setDescription($Description)`
- `public getHSTariffNr()`
- `public setHSTariffNr($HSTariffNr)`
- `public getQuantity()`
- `public setQuantity($Quantity)`
- `public getValue()`
- `public setValue($Value)`
- `public getWeight()`
- `public setWeight($Weight)`
- `public getContent()`
- `public setContent($Content)`

Properties

protected static property Firstred\PostNL\Entity\Content::\$CountryOfOrigin

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$Description

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$HTariffNr

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$Quantity

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$Value

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$Weight

Type string | null

protected static property Firstred\PostNL\Entity\Content::\$Content

Type [\Firstred\PostNL\Entity\Content\[\]](#) | null

Methods

public Firstred\PostNL\Entity\Content::__construct(*\$CountryOfOrigin=null, \$Description=null, \$HTariffNr=null, \$Quantity=null, \$Value=null, \$Weight=null, \$Content=null*)

Parameters

- **\$CountryOfOrigin** (string | null)
- **\$Description** (string | null)
- **\$HTariffNr** (string | null)
- **\$Quantity** (string | null)
- **\$Value** (string | null)
- **\$Weight** (string | null)
- **\$Content** (array | null)

public Firstred\PostNL\Entity\Content::getCountryOfOrigin()

Returns string | null

public Firstred\PostNL\Entity\Content::setCountryOfOrigin(*\$CountryOfOrigin*)

Parameters

- **\$CountryOfOrigin** (string | null)

Returns static

public Firstred\PostNL\Entity\Content::getDescription()

Returns string | null

```
public Firstred\PostNL\Entity\Content::setDescription($Description)
```

Parameters

- **\$Description** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Content::getHTariffNr()
```

Returns string | null

```
public Firstred\PostNL\Entity\Content::setHTariffNr($HTariffNr)
```

Parameters

- **\$HTariffNr** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Content::getQuantity()
```

Returns string | null

```
public Firstred\PostNL\Entity\Content::setQuantity($Quantity)
```

Parameters

- **\$Quantity** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Content::getValue()
```

Returns string | null

```
public Firstred\PostNL\Entity\Content::setValue($Value)
```

Parameters

- **\$Value** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Content::getWeight()
```

Returns string | null

```
public Firstred\PostNL\Entity\Content::setWeight($Weight)
```

Parameters

- **\$Weight** (string | null)

Returns static

```
public Firstred\PostNL\Entity\Content::getContent()
```

Returns [\Firstred\PostNL\Entity\Content](#) | null

```
public Firstred\PostNL\Entity\Content::setContent($Content)
```

Parameters

- **\$Content** (array | null)

Returns static

OpeningHours

class Firstred\PostNL\Entity\OpeningHours

Parent *Firstred\PostNL\Entity\AbstractEntity*

Implements ArrayAccess Iterator

Summary

Methods

- *public __construct(\$Monday, \$Tuesday, \$Wednesday, \$Thursday, \$Friday, \$Saturday, \$Sunday)*
- *public getMonday()*
- *public setMonday(\$Monday)*
- *public getTuesday()*
- *public setTuesday(\$Tuesday)*
- *public getWednesday()*
- *public setWednesday(\$Wednesday)*
- *public getThursday()*
- *public setThursday(\$Thursday)*
- *public getFriday()*
- *public setFriday(\$Friday)*
- *public getSaturday()*
- *public setSaturday(\$Saturday)*
- *public getSunday()*
- *public setSunday(\$Sunday)*
- *public static jsonDeserialize(\$json)*
- *public toArray()*
- *public offsetExists(\$offset)*
- *public offsetGet(\$offset)*
- *public offsetSet(\$offset, \$value)*
- *public offsetUnset(\$offset)*
- *public current()*
- *public next()*
- *public key()*
- *public valid()*
- *public rewind()*
- *private static findCurrentDayString(\$currentDay)*

Properties

private static property Firstred\PostNL\Entity\OpeningHours::\$currentDay

protected static property Firstred\PostNL\Entity\OpeningHours::\$Monday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Tuesday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Wednesday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Thursday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Friday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Saturday

Type string[] | null

protected static property Firstred\PostNL\Entity\OpeningHours::\$Sunday

Type string[] | null

Methods

public Firstred\PostNL\Entity\OpeningHours::__construct(*array|null* \$Monday=null, *array|null* \$Tuesday=null, *array|null* \$Wednesday=null, *array|null* \$Thursday=null, *array|null* \$Friday=null, *array|null* \$Saturday=null, *array|null* \$Sunday=null)

Parameters

- **\$Monday** (*array* | null)
- **\$Tuesday** (*array* | null)
- **\$Wednesday** (*array* | null)
- **\$Thursday** (*array* | null)
- **\$Friday** (*array* | null)
- **\$Saturday** (*array* | null)
- **\$Sunday** (*array* | null)

public Firstred\PostNL\Entity\OpeningHours::getMonday()

Returns *array* | null

public Firstred\PostNL\Entity\OpeningHours::setMonday(*array|null* \$Monday)

Parameters

- **\$Monday** (*array* | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getTuesday()

Returns array | null

public Firstred\PostNL\Entity\OpeningHours::setTuesday(array|null \$Tuesday)

Parameters

- \$Tuesday (array | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getWednesday()

Returns array | null

public Firstred\PostNL\Entity\OpeningHours::setWednesday(array|null \$Wednesday)

Parameters

- \$Wednesday (array | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getThursday()

Returns array | null

public Firstred\PostNL\Entity\OpeningHours::setThursday(array|null \$Thursday)

Parameters

- \$Thursday (array | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getFriday()

Returns array | string | null

public Firstred\PostNL\Entity\OpeningHours::setFriday(array|null \$Friday)

Parameters

- \$Friday (array | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getSaturday()

Returns array | null

public Firstred\PostNL\Entity\OpeningHours::setSaturday(array|null \$Saturday)

Parameters

- \$Saturday (array | null)

Returns *\Firstred\PostNL\Entity\OpeningHours*

public Firstred\PostNL\Entity\OpeningHours::getSunday()

Returns array | null

public Firstred\PostNL\Entity\OpeningHours::**setSunday**(array|null \$Sunday)

Parameters

- **\$Sunday** (array | null)

Returns \Firstred\PostNL\Entity\OpeningHours

public static Firstred\PostNL\Entity\OpeningHours::**jsonDeserialize**(\$json)

Parameters

- **\$json** (stdClass)

Returns \Firstred\PostNL\Entity\OpeningHours

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 1.0.0

public Firstred\PostNL\Entity\OpeningHours::**toArray**()

Returns array{Monday: string[], Tuesday: string[], Wednesday: string[], Thursday: string[], Friday: string[], Saturday: string[], Sunday: string[]}

public Firstred\PostNL\Entity\OpeningHours::**offsetExists**(\$offset)

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**offsetGet**(\$offset)

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**offsetSet**(\$offset, \$value)

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**offsetUnset**(\$offset)

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**current**()

Returns mixed

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**next**()

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**key**()

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**valid**()

Returns bool

Since 1.2.0

public Firstred\PostNL\Entity\OpeningHours::**rewind**()

Since 1.2.0

private static Firstred\PostNL\Entity\OpeningHours::**findCurrentDayString**(*string|int*
\$currentDay)

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

Enum

\Firstred\PostNL\Enum

Exception

\Firstred\PostNL\Exception

Classes

ApiConnectionException

class Firstred\PostNL\Exception\ApiConnectionException

Class ApiConnectionException.

Thrown when there is a problem connecting to the CIF API.

Parent *Firstred\PostNL\Exception\ApiException*

Summary

Methods

- *public __construct(\$message, \$code, \$body, \$jsonBody, \$headers)*
- *public getBody()*
- *public getJsonBody()*
- *public getHeaders()*

Properties

protected static property Firstred\PostNL\Exception\ApiConnectionException::\$body

Type string

protected static property Firstred\PostNL\Exception\ApiConnectionException::\$jsonBody

Type object

protected static property Firstred\PostNL\Exception\ApiConnectionException::\$headers

Type array

Methods

```
public Firstred\PostNL\Exception\ApiConnectionException::__construct($message='',  
                                                                    $code=0, $body=null,  
                                                                    $jsonBody=null,  
                                                                    $headers=null)
```

ApiConnectionException constructor.

Parameters

- **\$message** (string)
- **\$code** (int)

- **\$body** (string | null)
- **\$jsonBody** (object | null)
- **\$headers** (array | null)

public Firstred\PostNL\Exception\ApiConnectionException::getBody()

Returns string

public Firstred\PostNL\Exception\ApiConnectionException::getJsonBody()

Returns object

public Firstred\PostNL\Exception\ApiConnectionException::getHeaders()

Returns array

NotSupportedException

class Firstred\PostNL\Exception\NotSupportedException

Class NotSupportedException.

Thrown when a feature is not supported (anymore).

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

ApiException

class Firstred\PostNL\Exception\ApiException

Class ApiException.

Group of API exceptions.

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

InvalidMethodException

class Firstred\PostNL\Exception\InvalidMethodException

Class InvalidMethodException.

Thrown when an invalid method is called.

Parent *Firstred\PostNL\Exception\HttpClientException*

Summary

DeserializationException

class Firstred\PostNL\Exception\DeserializationException

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

Methods

- *public* __construct(\$message, \$code, \$previous, \$value)

Methods

```
public Firstred\PostNL\Exception\DeserializationException::__construct($message='',  
                                                                    $code=0,  
                                                                    $previous=null,  
                                                                    $value=null)
```

Parameters

- **\$message** (string)
- **\$code** (int)
- **\$previous** (Throwable | null)
- **\$value** (mixed | null)

ResponseException

class Firstred\PostNL\Exception\ResponseException

Class ResponseException.

Thrown when there was a problem with the response returned by the CIF API.

Parent *Firstred\PostNL\Exception\ApiException*

Summary

Methods

- `public __construct($message, $code, $previous, $response)`
- `public setResponse($response)`
- `public getResponse()`

Properties

private static property Firstred\PostNL\Exception\ResponseException::\$response
Type \Psr\Http\Message\ResponseInterface

Methods

public Firstred\PostNL\Exception\ResponseException::__construct(*\$message=*, *\$code=0*,
\$previous=null,
\$response=null)

ResponseException constructor.

Parameters

- **\$message** (string)
- **\$code** (int)
- **\$previous** (Exception | null)
- **\$response** (Psr\Http\Message\ResponseInterface | null)

public Firstred\PostNL\Exception\ResponseException::setResponse(*\$response*)

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

public Firstred\PostNL\Exception\ResponseException::getResponse()

Returns \Psr\Http\Message\ResponseInterface

InvalidBarcodeException

class Firstred\PostNL\Exception\InvalidBarcodeException

Class InvalidBarcodeException.

Thrown when an invalid barcode has been passed.

Parent *Firstred\PostNL\Exception\InvalidArgumentException*

Summary

ServiceNotSetException

class Firstred\PostNL\Exception\ServiceNotSetException

Parent *Firstred\PostNL\Exception\InvalidConfigurationException*

Summary

CifException

class Firstred\PostNL\Exception\CifException

Class CifException.

Thrown when the CIF API has a fatal error.

Parent *Firstred\PostNL\Exception\ApiException*

Summary

Methods

- *public __construct(\$message, \$code, \$previous)*
- *public getMessagesDescriptionsAndCodes()*

Properties

protected static property Firstred\PostNL\Exception\CifException::\$messages

Type array

Methods

public Firstred\PostNL\Exception\CifException::__construct(*\$message=*, *\$code=0*,
\$previous=null)

CifException constructor.

Parameters

- **\$message** (string | string[]) In case of multiple errors, the format looks like:
['description' => string <The description>, 'message' => string <The error message>, 'code'
=> int <The error code>] The code param will be discarded if *\$message* is an array * **\$code**
(int) * **\$previous** (Throwable | null)

public Firstred\PostNL\Exception\CifException::getMessagesDescriptionsAndCodes()

Get error messages and codes.

Returns array | string | string[]

CifDownException

class Firstred\PostNL\Exception\CifDownException

Class CifDownException.

Thrown when the CIF API is down.

Parent *Firstred\PostNL\Exception\ApiException*

Summary

PostNLException

class Firstred\PostNL\Exception\PostNLException

Class AbstractException.

Group of exceptions that can be thrown by this library.

Parent Exception

Summary

InvalidArgumentException

class Firstred\PostNL\Exception\InvalidArgumentException

Class InvalidArgumentException.

Group of exceptions that are the result of an invalid passed argument.

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

HttpClientException

class Firstred\PostNL\Exception\HttpClientException

Class HttpClientException.

Thrown when the HTTP Client has an error.

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

Methods

- *public __construct(\$message, \$code, \$previous, \$response)*
- *public setResponse(\$response)*
- *public getResponse()*

Properties

private static property Firstred\PostNL\Exception\HttpClientException::\$response

Methods

public Firstred\PostNL\Exception\HttpClientException::__construct(*\$message=\\', \$code=0,*
\$previous=null,
\$response=null)

public Firstred\PostNL\Exception\HttpClientException::setResponse(*\$response*)

public Firstred\PostNL\Exception\HttpClientException::getResponse()

InvalidConfigurationException

class Firstred\PostNL\Exception\InvalidConfigurationException

Class InvalidConfigurationException.

Thrown when there is a configuration error.

Parent *Firstred\PostNL\Exception\PostNLException*

Summary

NotImplementedException

class Firstred\PostNL\Exception\NotImplementedException

Class NotImplementedException.

Thrown when a feature is not implemented (yet).

Parent *Firstred\PostNL\Exception\InvalidArgumentException*

Summary

ShipmentNotFoundException

class Firstred\PostNL\Exception\ShipmentNotFoundException

Class InvalidArgumentException.

Thrown when a `Shipment` object could not be found.

Parent *Firstred\PostNL\Exception\NotFoundException*

Summary

NotFoundException

class Firstred\PostNL\Exception\NotFoundException

Class NotFoundException.

Thrown when (a) requested object(s) could not be found.

Parent *Firstred\PostNL\Exception\ApiException*

Summary

HttpClient

\Firstred\PostNL\HttpClient

Interfaces

HttpClientInterface

interface Firstred\PostNL\HttpClient\HttpClientInterface

Interface ClientInterface.

Parent Psr\Log\LoggerAwareInterface

Summary

Methods

- `public getLogger()`
- `public addOrUpdateRequest($id, $request)`
- `public removeRequest($id)`
- `public clearRequests()`
- `public doRequest($request)`
- `public doRequests($requests)`

Methods

public Firstred\PostNL\HttpClient\HttpClientInterface::**getLogger()**

Get the logger.

Returns \Psr\Log\LoggerInterface

public Firstred\PostNL\HttpClient\HttpClientInterface::**addOrUpdateRequest(\$id, \$request)**

Adds a request to the list of pending requests

Using the ID you can replace a request.

Parameters

- **\$id** (string) Request ID
- **\$request** (Psr\Http\Message\RequestInterface) PSR-7 request

Returns int | string

public Firstred\PostNL\HttpClient\HttpClientInterface::**removeRequest(\$id)**

Remove a request from the list of pending requests.

Parameters

- **\$id** (string)

public Firstred\PostNL\HttpClient\HttpClientInterface::**clearRequests()**

Clear all requests.

public Firstred\PostNL\HttpClient\HttpClientInterface::**doRequest(\$request)**

Do a single request.

Exceptions are captured into the result array

Parameters

- **\$request** (Psr\Http\Message\RequestInterface)

Returns `\Psr\Http\Message\ResponseInterface`

Throws `\Firstred\PostNL\Exception\HttpClientException`

public `Firstred\PostNL\HttpClient\HttpClientInterface::doRequests($requests=[])`

Do all async requests.

Exceptions are captured into the result array

Parameters

- `$requests` (`\Psr\Http\Message\RequestInterface[]`)

Returns `\Psr\Http\Message\ResponseInterface` | `\Psr\Http\Message\ResponseInterface[]` | `\Firstred\PostNL\Exception\HttpClientException` | `\Firstred\PostNL\Exception\HttpClientException[]`

Classes

CurlHttpClient

class `Firstred\PostNL\HttpClient\CurlHttpClient`

Class CurlClient.

Parent `Firstred\PostNL\HttpClient\BaseHttpClient`

Implements `Firstred\PostNL\HttpClient\HttpClientInterface`

Summary

Methods

- `public doRequest($request)`
- `public doRequests($requests)`
- `protected prepareRequest($curl, $request)`
- `private handleCurlError($url, $errno, $message)`

Properties

protected static property `Firstred\PostNL\HttpClient\CurlHttpClient::$defaultOptions`

Type `array` | callable | null

Methods

public Firstred\PostNL\HttpClient\CurlHttpClient::doRequest(*\$request*)

Do a single request.

Exceptions are captured into the result array

Throws *\Firstred\PostNL\Exception\HttpClientException*

public Firstred\PostNL\HttpClient\CurlHttpClient::doRequests(*\$requests*=\|/)

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns *\Psr\Http\Message\ResponseInterface[]* | *\Firstred\PostNL\Exception\HttpClientException[]*

protected Firstred\PostNL\HttpClient\CurlHttpClient::prepareRequest(*\$curl*, *\$request*)

Parameters

- **\$curl** (resource)
- **\$request** (Psr\Http\Message\RequestInterface)

Throws *\Firstred\PostNL\Exception\HttpClientException*

private Firstred\PostNL\HttpClient\CurlHttpClient::handleCurlError(*\$url*, *\$errno*, *\$message*)

Parameters

- **\$url**
- **\$errno** (Firstred\PostNL\HttpClient\number)
- **\$message** (string)

Throws *\Firstred\PostNL\Exception\ApiConnectionException*

BaseHttpClient

class Firstred\PostNL\HttpClient\BaseHttpClient

Implements Psr\Log\LoggerAwareInterface

Summary

Methods

- `public getTimeout()`
- `public setTimeout($seconds)`
- `public getConnectTimeout()`
- `public setConnectTimeout($seconds)`
- `public getLogger()`
- `public setLogger($logger)`
- `public getMaxRetries()`
- `public setMaxRetries($maxRetries)`
- `public setConcurrency($concurrency)`
- `public getConcurrency()`
- `public addOrUpdateRequest($id, $request)`
- `public removeRequest($id)`
- `public clearRequests()`
- `public doRequests($requests)`
- `public getRequestFactory()`
- `public setRequestFactory($requestFactory)`
- `public getResponseFactory()`
- `public setResponseFactory($responseFactory)`
- `public getStreamFactory()`
- `public setStreamFactory($streamFactory)`

Constants

`DEFAULT_TIMEOUT = 80`

`DEFAULT_CONNECT_TIMEOUT = 30`

Properties

`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$timeout`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$connectTimeout`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$pendingRequests`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$logger`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$maxRetries`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$concurrency`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$requestFactory`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$responseFactory`
`protected static property Firstred\PostNL\HttpClient\BaseHttpClient::$streamFactory`

Methods

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getTimeout()  
public Firstred\PostNL\HttpClient\BaseHttpClient::setTimeout($seconds)  
public Firstred\PostNL\HttpClient\BaseHttpClient::getConnectTimeout()  
public Firstred\PostNL\HttpClient\BaseHttpClient::setConnectTimeout($seconds)  
public Firstred\PostNL\HttpClient\BaseHttpClient::getLogger()
```

Get logger.

Returns \Psr\Log\LoggerInterface

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setLogger($logger)
```

Set the logger.

Parameters

- **\$logger** (Psr\Log\LoggerInterface)

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getMaxRetries()
```

Return max retries.

Returns int

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setMaxRetries($maxRetries)
```

Set the amount of retries.

Parameters

- **\$maxRetries** (int)

Returns static

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setConcurrency($concurrency)
```

Set the concurrency.

Parameters

- **\$concurrency** (int)

Returns static

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getConcurrency()
```

Return concurrency.

Returns int

```
public Firstred\PostNL\HttpClient\BaseHttpClient::addOrUpdateRequest($id, $request)
```

Adds a request to the list of pending requests

Using the ID you can replace a request.

Parameters

- **\$id** (string) Request ID
- **\$request** (Psr\Http\Message\RequestInterface) PSR-7 request

Returns int | string

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

```
public Firstred\PostNL\HttpClient\BaseHttpClient::removeRequest($id)
```

Remove a request from the list of pending requests.

Parameters

- **\$id** (string)

```
public Firstred\PostNL\HttpClient\BaseHttpClient::clearRequests()
```

Clear all pending requests.

```
public Firstred\PostNL\HttpClient\BaseHttpClient::doRequests( $requests=[])
```

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns *\Firstred\PostNL\Exception\HttpClientException[]* | *\Psr\Http\Message\ResponseInterface[]*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getRequestFactory()
```

Get PSR-7 Request factory.

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Since 1.3.0

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setRequestFactory($requestFactory)
```

Set PSR-7 Request factory.

Since 1.3.0

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getResponseFactory()
```

Get PSR-7 Response factory.

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Since 1.3.0

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setResponseFactory($responseFactory)
```

Set PSR-7 Response factory.

Since 1.3.0

```
public Firstred\PostNL\HttpClient\BaseHttpClient::getStreamFactory()
```

Set PSR-7 Stream factory.

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Since 1.3.0

```
public Firstred\PostNL\HttpClient\BaseHttpClient::setStreamFactory($streamFactory)
```

Set PSR-7 Stream factory.

Since 1.3.0

GuzzleHttpClient

```
class Firstred\PostNL\HttpClient\GuzzleHttpClient
```

Class GuzzleClient.

Parent *Firstred\PostNL\HttpClient\BaseHttpClient*

Implements *Firstred\PostNL\HttpClient\HttpClientInterface*

Summary

Methods

- *public __construct(\$client, \$logger, \$concurrency, \$maxRetries)*
- *private setClient(\$client)*
- *private getClient()*
- *public setOption(\$name, \$value)*
- *public getOption(\$name)*
- *public doRequest(\$request)*
- *public doRequests(\$requests)*

Constants

DEFAULT_TIMEOUT = 60

DEFAULT_CONNECT_TIMEOUT = 20

Properties

protected static property Firstred\PostNL\HttpClient\GuzzleHttpClient::\$defaultOptions
Type array

private static property Firstred\PostNL\HttpClient\GuzzleHttpClient::\$client

Methods

public Firstred\PostNL\HttpClient\GuzzleHttpClient::__construct(*\$client=null, \$logger=null, \$concurrency=5, \$maxRetries=5*)

GuzzleClient constructor.

Since 1.3.0 Custom constructor

private Firstred\PostNL\HttpClient\GuzzleHttpClient::setClient(*\$client*)

private Firstred\PostNL\HttpClient\GuzzleHttpClient::getClient()

Get the Guzzle client.

Returns \GuzzleHttp\Client

public Firstred\PostNL\HttpClient\GuzzleHttpClient::setOption(*\$name, \$value*)

Set Guzzle option.

Parameters

- **\$name** (string)
- **\$value** (mixed)

Returns [Firstred\PostNL\HttpClient\GuzzleHttpClient](#)

public Firstred\PostNL\HttpClient\GuzzleHttpClient::getOption(*\$name*)

Get Guzzle option.

Parameters

- **\$name** (string)

Returns mixed | null

public Firstred\PostNL\HttpClient\GuzzleHttpClient::doRequest(*\$request*)

Do a single request.

Exceptions are captured into the result array

Throws *\Firstred\PostNL\Exception\HttpClientException*

public Firstred\PostNL\HttpClient\GuzzleHttpClient::doRequests(\$requests=\\)

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns *\Firstred\PostNL\Exception\HttpClientException[]* | *\Psr\Http\Message\ResponseInterface[]*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

AsyncHttpClient

class Firstred\PostNL\HttpClient\AsyncHttpClient

Class AsyncHttpClient.

Parent *Firstred\PostNL\HttpClient\BaseHttpClient*

Implements *Firstred\PostNL\HttpClient\HttpClientInterface*

Summary

Methods

- *public __construct(\$client, \$logger, \$concurrency, \$maxRetries)*
- *public doRequests(\$requests)*
- *public doRequest(\$request)*
- *public getClient()*
- *public setClient(\$client)*

Properties

protected property Firstred\PostNL\HttpClient\AsyncHttpClient::\$instance

Type static

protected static property Firstred\PostNL\HttpClient\AsyncHttpClient::\$client

Type *\Http\Client\HttpAsyncClient*

Methods

```
public Firstred\PostNL\HttpClient\AsyncHttpClient::__construct($client=null, $logger=null,  
                                                             $concurrency=5,  
                                                             $maxRetries=5)
```

HTTPPlugClient constructor.

Parameters

- ***\$client*** (Http\Client\HttpAsyncClient | null)
- ***\$logger*** (Psr\Log\LoggerInterface | null)
- ***\$concurrency*** (int)
- ***\$maxRetries*** (int)

Throws [\Firstred\PostNL\Exception\HttpClientException](#)

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\HttpClient\AsyncHttpClient::doRequests( $requests=\|/)
```

Do all async requests.

Exceptions are captured into the result array

Parameters

- ***\$requests*** (Psr\Http\Message\RequestInterface[])

Returns [\Firstred\PostNL\Exception\HttpClientException\[\]](#) | [\Psr\Http\Message\ResponseInterface\[\]](#)

Throws [\Firstred\PostNL\Exception\InvalidArgumentException](#)

```
public Firstred\PostNL\HttpClient\AsyncHttpClient::doRequest($request)
```

Do a single request.

Exceptions are captured into the result array

Parameters

- ***\$request*** (Psr\Http\Message\RequestInterface)

Returns [\Psr\Http\Message\ResponseInterface](#)

Throws [\Firstred\PostNL\Exception\HttpClientException](#)

```
public Firstred\PostNL\HttpClient\AsyncHttpClient::getClient()
```

Returns [\Http\Client\HttpAsyncClient](#)

```
public Firstred\PostNL\HttpClient\AsyncHttpClient::setClient($client)
```

Parameters

- **\$client** (`Http\Client\HttpAsyncClient`)

Returns `static`

SymfonyHttpClient

class `Firstred\PostNL\HttpClient\SymfonyHttpClient`

Class `SymfonyHttpClient`.

Parent `Firstred\PostNL\HttpClient\BaseHttpClient`

Implements `Firstred\PostNL\HttpClient\HttpClientInterface`

Summary**Methods**

- `public __construct($client, $logger, $concurrency, $maxRetries)`
- `private getClient()`
- `public setOption($name, $value)`
- `public getOption($name)`
- `public doRequest($request)`
- `public doRequests($requests)`
- `public setMaxRetries($maxRetries)`
- `public setConcurrency($concurrency)`
- `private convertPsrRequestToSymfonyHttpClientRequestParams($psrRequest)`
- `private convertSymfonyHttpClientResponseToPsrResponse($symfonyHttpClientResponse)`

Constants

`DEFAULT_TIMEOUT = 60`

`DEFAULT_CONNECT_TIMEOUT = 20`

Properties**protected static property**

`Firstred\PostNL\HttpClient\SymfonyHttpClient::$defaultOptions`

Type `array`

private static property `Firstred\PostNL\HttpClient\SymfonyHttpClient::$client`

Type `\Symfony\Contracts\HttpClient\HttpClientInterface | null`

Methods

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::__construct(\Symfony\Contracts\HttpClient\HttpClientInterface $client=null,  
    \Psr\Log\LoggerInterface $logger=null,  
    $concurrency=5,  
    $maxRetries=5)
```

SymfonyHttpClient constructor.

Parameters

- **\$client** (Symfony\Contracts\HttpClient\HttpClientInterface | null)
- **\$logger** (Psr\Log\LoggerInterface | null)
- **\$concurrency** (int)
- **\$maxRetries** (int)

Since 1.3.0 Custom constructor

```
private Firstred\PostNL\HttpClient\SymfonyHttpClient::getClient()
```

Get the Symfony HTTP Client.

Returns \Symfony\Contracts\HttpClient\HttpClientInterface | null

Throws [\Firstred\PostNL\Exception\HttpClientException](#)

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::setOption($name, $value)
```

Set Symfony HTTP Client option.

Parameters

- **\$name** (string)
- **\$value** (mixed)

Returns static

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::getOption($name)
```

Get Symfony HTTP Client option.

Parameters

- **\$name** (string)

Returns mixed | null

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::doRequest($request)
```

Do a single request.

Exceptions are captured into the result array

Parameters

- **\$request** (Psr\Http\Message\RequestInterface)

Returns \Psr\Http\Message\ResponseInterface**Throws** [\Firstred\PostNL\Exception\HttpClientException](#)

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::doRequests( $requests=[])
```

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns [\Firstred\PostNL\Exception\HttpClientException\[\]](#) | \Psr\Http\Message\ResponseInterface[]

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::setMaxRetries($maxRetries)
```

Set the amount of retries.

Parameters

- **\$maxRetries** (int)

Returns static

```
public Firstred\PostNL\HttpClient\SymfonyHttpClient::setConcurrency($concurrency)
```

Set the concurrency.

Parameters

- **\$concurrency** (int)

Returns static

```
private Firstred\PostNL\HttpClient\SymfonyHttpClient::convertPsrRequestToSymfonyHttpClientRequestPar
```

Parameters

- **\$psrRequest** (Psr\Http\Message\RequestInterface)

Returns array**Since** 1.3.0

```
private Firstred\PostNL\HttpClient\SymfonyHttpClient::convertSymfonyHttpClientResponseToPsrResponse(
```

Parameters

- **\$symfonyHttpClientResponse** (Symfony\Contracts\HttpClient\ResponseInterface)

Returns \Psr\Http\Message\ResponseInterface**Throws** \Symfony\Contracts\HttpClient\Exception\TransportExceptionInterface**Throws** [\Firstred\PostNL\Exception\NotSupportedException](#)

Throws \Symfony\Contracts\HttpClient\Exception\ClientExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\RedirectExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\ServerExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\TransportExceptionInterface
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws \Symfony\Contracts\HttpClient\Exception\ClientExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\RedirectExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\ServerExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\TransportExceptionInterface
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws \Symfony\Contracts\HttpClient\Exception\ClientExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\RedirectExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\ServerExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\TransportExceptionInterface
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws \Symfony\Contracts\HttpClient\Exception\ClientExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\RedirectExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\ServerExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\TransportExceptionInterface
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws \Symfony\Contracts\HttpClient\Exception\ClientExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\RedirectExceptionInterface
Throws \Symfony\Contracts\HttpClient\Exception\ServerExceptionInterface
Since 1.3.0

HTTPPlugHttpClient

class Firstred\PostNL\HttpClient\HTTPPlugHttpClient

Class HTTPPlugClient.

Parent *Firstred\PostNL\HttpClient\BaseHttpClient*

Implements *Firstred\PostNL\HttpClient\HttpClientInterface*

Summary

Methods

- `public __construct($client, $logger, $concurrency, $maxRetries)`
- `public doRequests($requests)`
- `public doRequest($request)`
- `public getClient()`
- `public setClient($client)`

Properties

protected property Firstred\PostNL\HttpClient\HTTPPlugHttpClient::\$instance

Type static

protected static property Firstred\PostNL\HttpClient\HTTPPlugHttpClient::\$client

Type \Http\Client\HttpAsyncClient | \Http\Client\HttpClient

Methods

public Firstred\PostNL\HttpClient\HTTPPlugHttpClient::__construct(*\Http\Client\HttpAsyncClient | \Http\Client\HttpClient* \$client=null, *Psr\Log\LoggerInterface* \$logger=null, *int* \$concurrency=5, *int* \$maxRetries=5)

HTTPPlugClient constructor.

Parameters

- **\$client** (*Http\Client\HttpAsyncClient | \Http\Client\HttpClient* | null)
- **\$logger** (*Psr\Log\LoggerInterface* | null)
- **\$concurrency** (*int*)
- **\$maxRetries** (*int*)

Throws *\Firstred\PostNL\Exception\HttpClientException*

Since 1.0.0

Since 1.0.0

public Firstred\PostNL\HttpClient\HTTPPlugHttpClient::doRequests(*array* \$requests=[])

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (*Psr\Http\Message\RequestInterface[]*)

Returns *\Firstred\PostNL\Exception\HttpClientException[]* | *Psr\Http\Message\ResponseInterface[]*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\HttpClient\HTTPPlugHttpClient::doRequest(\$request)

Do a single request.

Exceptions are captured into the result array

Parameters

- **\$request** (Psr\Http\Message\RequestInterface)

Returns *\Psr\Http\Message\ResponseInterface*

Throws *\Firstred\PostNL\Exception\HttpClientException*

public Firstred\PostNL\HttpClient\HTTPPlugHttpClient::getClient()

Returns *\Http\Client\HttpAsyncClient | \Http\Client\HttpClient*

public Firstred\PostNL\HttpClient\HTTPPlugHttpClient::setClient(\Http\Client\HttpAsyncClient|\Http\Client\HttpClient \$client)

Parameters

- **\$client** (*\Http\Client\HttpAsyncClient | \Http\Client\HttpClient*)

Returns *static*

MockHttpClient

class Firstred\PostNL\HttpClient\MockHttpClient

Class MockClient.

Parent *Firstred\PostNL\HttpClient\BaseHttpClient*

Implements *Firstred\PostNL\HttpClient\HttpClientInterface*

Summary

Methods

- *public* setOption(\$name, \$value)
- *public* getOption(\$name)
- *public* setHandler(\$handler)
- *public* getHandler()
- *public* doRequest(\$request)
- *public* doRequests(\$requests)

Constants

DEFAULT_TIMEOUT = 60

DEFAULT_CONNECT_TIMEOUT = 20

Properties

protected static property Firstred\PostNL\HttpClient\MockHttpClient::\$defaultOptions

Type array

private static property Firstred\PostNL\HttpClient\MockHttpClient::\$handler

Type \GuzzleHttp\HandlerStack

Methods

public Firstred\PostNL\HttpClient\MockHttpClient::setOption(\$name, \$value)

Set Guzzle option.

Parameters

- **\$name** (string)
- **\$value** (mixed)

Returns [\Firstred\PostNL\HttpClient\MockHttpClient](#)

public Firstred\PostNL\HttpClient\MockHttpClient::getOption(\$name)

Get Guzzle option.

Parameters

- **\$name** (string)

Returns mixed | null

public Firstred\PostNL\HttpClient\MockHttpClient::setHandler(\$handler)

public Firstred\PostNL\HttpClient\MockHttpClient::getHandler()

public Firstred\PostNL\HttpClient\MockHttpClient::doRequest(\$request)

Do a single request.

Exceptions are captured into the result array

Throws [\Firstred\PostNL\Exception\HttpClientException](#)

public Firstred\PostNL\HttpClient\MockHttpClient::doRequests(\$requests=\|/)

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns \Psr\Http\Message\ResponseInterface[] | *\Firstred\PostNL\Exception\HttpClientException[]*

Psr18HttpClient

class Firstred\PostNL\HttpClient\Psr18HttpClient

Class Psr18HttpClient.

Parent *Firstred\PostNL\HttpClient\BaseHttpClient*

Implements *Firstred\PostNL\HttpClient\HttpClientInterface*

Summary**Methods**

- *public __construct(\$client, \$logger, \$concurrency, \$maxRetries)*
- *public doRequests(\$requests)*
- *public doRequest(\$request)*
- *public getClient()*
- *public setClient(\$client)*

Properties

protected property Firstred\PostNL\HttpClient\Psr18HttpClient::\$instance

Type static

protected static property Firstred\PostNL\HttpClient\Psr18HttpClient::\$client

Type \Psr\Http\Client\ClientInterface

Methods

public Firstred\PostNL\HttpClient\Psr18HttpClient::__construct(*\$client=null, \$logger=null, \$concurrency=5, \$maxRetries=5*)

HTTPPlugClient constructor.

Parameters

- **\$client** (Psr\Http\Client\ClientInterface | null)
- **\$logger** (Psr\Log\LoggerInterface | null)
- **\$concurrency** (int)
- **\$maxRetries** (int)

Throws *\Firstred\PostNL\Exception\HttpClientException*

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\HttpClient\Psr18HttpClient::doRequests( $requests=[])
```

Do all async requests.

Exceptions are captured into the result array

Parameters

- **\$requests** (Psr\Http\Message\RequestInterface[])

Returns [\Firstred\PostNL\Exception\HttpClientException\[\]](#) | [\Psr\Http\Message\ResponseInterface\[\]](#)

```
public Firstred\PostNL\HttpClient\Psr18HttpClient::doRequest($request)
```

Do a single request.

Exceptions are captured into the result array

Parameters

- **\$request** (Psr\Http\Message\RequestInterface)

Returns [\Psr\Http\Message\ResponseInterface](#)

Throws [\Firstred\PostNL\Exception\HttpClientException](#)

```
public Firstred\PostNL\HttpClient\Psr18HttpClient::getClient()
```

Returns [\Psr\Http\Client\ClientInterface](#)

```
public Firstred\PostNL\HttpClient\Psr18HttpClient::setClient($client)
```

Parameters

- **\$client** (Psr\Http\Client\ClientInterface)

Returns static

Service

[\Firstred\PostNL\Service](#)

Namespaces

RequestBuilder

\Firstred\PostNL\Service\RequestBuilder

Namespaces

Rest

\Firstred\PostNL\Service\RequestBuilder\Rest

Classes

LocationServiceRestRequestBuilder

class Firstred\PostNL\Service\RequestBuilder\Rest\LocationServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\LocationServiceRequestBuilderInterface*

Summary

Methods

- *public buildGetNearestLocationsRequest(\$getNearestLocations)*
- *public buildGetLocationsInAreaRequest(\$getLocations)*
- *public buildGetLocationRequest(\$getLocation)*
- *protected setService(\$entity)*

Constants

LIVE_ENDPOINT = \ 'https://api\ .postnl\ .nl/shipment/v2_1/locations\ '

SANDBOX_ENDPOINT = \ 'https://api\ -sandbox\ .postnl\ .nl/shipment/v2_1/locations\ '

Methods

public Firstred\PostNL\Service\RequestBuilder\Rest\LocationServiceRestRequestBuilder::buildGetNeares

Build the 'get nearest locations' HTTP request.

Parameters

- **\$getNearestLocations** (*Firstred\PostNL\Entity\Request\GetNearestLocations*)

Returns \Psr\Http\Message\RequestInterface

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\Rest\LocationServiceRestRequestBuilder::buildGetLocati

Build the 'get locations in area' HTTP.

Parameters

- **\$getLocations** (*Firstred\PostNL\Entity\Request\GetLocationsInArea*)

Returns *\Psr\Http\Message\RequestInterface*

Since 2.0.0

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

public Firstred\PostNL\Service\RequestBuilder\Rest\LocationServiceRestRequestBuilder::buildGetLocati

Build the 'get single location' HTTP request.

Parameters

- **\$getLocation** (*Firstred\PostNL\Entity\Request\GetLocation*)

Returns *\Psr\Http\Message\RequestInterface*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\Rest\LocationServiceRestRequestBuilder::setServiceC

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

TimeframeServiceRestRequestBuilder

class `Firstred\PostNL\Service\RequestBuilder\Rest\TimeframeServiceRestRequestBuilder`

Parent `Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder`

Implements `Firstred\PostNL\Service\RequestBuilder\TimeframeServiceRequestBuilderInterface`

Summary

Methods

- `public buildGetTimeframesRequest($getTimeframes)`
- `protected setService($entity)`

Constants

`LIVE_ENDPOINT = \ 'https://api\ .postnl\ .nl/shipment/v2_1/calculate/timeframes\ '`

`SANDBOX_ENDPOINT = \ 'https://api\ -sandbox\ .postnl\ .nl/shipment/v2_1/calculate/timeframes\ '`

Methods

public `Firstred\PostNL\Service\RequestBuilder\Rest\TimeframeServiceRestRequestBuilder::buildGetTimeframesRequest($getTimeframes)`

Build the 'get timeframes' HTTP request.

Parameters

- `$getTimeframes` (`Firstred\PostNL\Entity\Request\GetTimeframes`)

Returns `\Psr\Http\Message\RequestInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

protected `Firstred\PostNL\Service\RequestBuilder\Rest\TimeframeServiceRestRequestBuilder::setService($entity)`

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void**Throws** *\Firstred\PostNL\Exception\InvalidArgumentException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Throws** *\Firstred\PostNL\Exception\InvalidArgumentException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Since** 2.0.0**ConfirmingServiceRestRequestBuilder****class** Firstred\PostNL\Service\RequestBuilder\Rest\ConfirmingServiceRestRequestBuilder**Parent** *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder***Implements** *Firstred\PostNL\Service\RequestBuilder\ConfirmingServiceRequestBuilderInterface***Summary****Methods**

- *public buildConfirmRequest(\$confirming)*
- *protected setService(\$entity)*

Constants**LIVE_ENDPOINT** = *\'https://api.postnl.nl/shipment/v2/confirm\'***SANDBOX_ENDPOINT** = *\'https://api-sandbox.postnl.nl/shipment/v2/confirm\'***Methods****public** Firstred\PostNL\Service\RequestBuilder\Rest\ConfirmingServiceRestRequestBuilder::buildConfirm

Build the 'confirm label' HTTP request.

Throws *\Firstred\PostNL\Exception\InvalidArgumentException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Throws** *\Firstred\PostNL\Exception\InvalidArgumentException***Throws** *\Firstred\PostNL\Exception\InvalidConfigurationException***Since** 2.0.0**protected** Firstred\PostNL\Service\RequestBuilder\Rest\ConfirmingServiceRestRequestBuilder::setService

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

DeliveryDateServiceRestRequestBuilder**class**

Firstred\PostNL\Service\RequestBuilder\Rest\DeliveryDateServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\DeliveryDateServiceRequestBuilderInterface*

Summary**Methods**

- *public buildGetDeliveryDateRequest(\$getDeliveryDate)*
- *public buildGetSentDateRequest(\$getSentDate)*
- *protected setService(\$entity)*

Constants

LIVE_ENDPOINT = *\'https://api.postnl.nl/shipment/v2/_2/calculate/date\'*

SANDBOX_ENDPOINT = *\'https://api-sandbox.postnl.nl/shipment/v2/_2/calculate/date\'*

Methods

public Firstred\PostNL\Service\RequestBuilder\Rest\DeliveryDateServiceRestRequestBuilder::buildGetDe

Build the 'get delivery date' HTTP request.

Parameters

- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns *\Psr\Http\Message\RequestInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\Rest\DeliveryDateServiceRestRequestBuilder::buildGetSe

Build the 'get sent date' HTTP request.

Parameters

- **\$getSentDate** (*Firstred\PostNL\Entity\Request\GetSentDateRequest*)

Returns *\Psr\Http\Message\RequestInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\Rest\DeliveryDateServiceRestRequestBuilder::setServ

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

AbstractRestRequestBuilder

class Firstred\PostNL\Service\RequestBuilder\Rest**AbstractRestRequestBuilder**

Parent *Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder*

Summary

ShippingServiceRestRequestBuilder

class Firstred\PostNL\Service\RequestBuilder\Rest\ShippingServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\ShippingServiceRequestBuilderInterface*

Summary

Methods

- *public buildSendShipmentRequest(\$sendShipment, \$confirm)*
- *protected setService(\$entity)*

Constants

LIVE_ENDPOINT = *\'https://api\.postnl\.nl/v1/shipment\'*

SANDBOX_ENDPOINT = *\'https://api\-\sandbox\.postnl\.nl/v1/shipment\'*

Methods

public Firstred\PostNL\Service\RequestBuilder\Rest\ShippingServiceRestRequestBuilder::buildSendShipmentRequest(\$sendShipment, \$confirm)

Build the 'send shipment' HTTP request.

Parameters

- **\$sendShipment** (*Firstred\PostNL\Entity\Request\SendShipment*)
- **\$confirm** (bool)

Returns *\Psr\Http\Message\RequestInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\Rest\ShippingServiceRestRequestBuilder::setService(\$entity)

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

LabellingServiceRestRequestBuilder

class Firstred\PostNL\Service\RequestBuilder\Rest\LabellingServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\LabellingServiceRequestBuilderInterface*

Summary**Methods**

- *public buildGenerateLabelRequest(\$generateLabel, \$confirm)*
- *protected setService(\$entity)*

Constants

LIVE_ENDPOINT = *\'https://api\.postnl\.nl/shipment/v2_2/label\'*

SANDBOX_ENDPOINT = *\'https://api\(-sandbox\)\.postnl\.nl/shipment/v2_2/label\'*

Properties

private property Firstred\PostNL\Service\RequestBuilder\Rest\LabellingServiceRestRequestBuilder::**\$insuranceProductCodes**

Type int[]

Methods

public Firstred\PostNL\Service\RequestBuilder\Rest\LabellingServiceRestRequestBuilder::**buildGenerate**

Build the 'generate label' HTTP request.

Parameters

- **\$generateLabel** (*Firstred\PostNL\Entity\Request\GenerateLabel*)

- **\$confirm** (bool)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\Rest\LabellingServiceRestRequestBuilder::setService

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

ShippingStatusServiceRestRequestBuilder

class

Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface*

Summary

Methods

- *public buildCurrentStatusRequest(\$currentStatus)*
- *public buildCompleteStatusRequest(\$completeStatus)*
- *public buildGetSignatureRequest(\$getSignature)*
- *public buildGetUpdatedShipmentsRequest(\$getUpdatedShipments)*
- *protected setService(\$entity)*

Constants

`LIVE_ENDPOINT = \'https://api\..postnl\..nl/shipment/v2/status\'`

`SANDBOX_ENDPOINT = \'https://api\..sandbox\..postnl\..nl/shipment/v2/status\'`

Methods

`public Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder::buildCur`

Build the 'get current status' HTTP request.

This function auto-detects and adjusts the following requests:

- CurrentStatus
- CurrentStatusByReference

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

`public Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder::buildCom`

Build the 'get complete status' HTTP request.

This function auto-detects and adjusts the following requests:

- CompleteStatus
- CompleteStatusByReference
- CompleteStatusByPhase
- CompleteStatusByStatus

Parameters

- **\$completeStatus** (*Firstred\PostNL\Entity\Request\CompleteStatus*)

Returns *\Psr\Http\Message\RequestInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

`public Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder::buildGet`

Build the 'get signature' HTTP request.

Parameters

- **\$getSignature** (*Firstred\PostNL\Entity\Request\GetSignature*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder::buildGet

Build the 'get updated shipments' HTTP request.

Parameters

- **\$getUpdatedShipments** (*Firstred\PostNL\Entity\Request\GetUpdatedShipments*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\Rest\ShippingStatusServiceRestRequestBuilder::setSe

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

BarcodeServiceRestRequestBuilder

class Firstred\PostNL\Service\RequestBuilder\Rest\BarcodeServiceRestRequestBuilder

Parent *Firstred\PostNL\Service\RequestBuilder\Rest\AbstractRestRequestBuilder*

Implements *Firstred\PostNL\Service\RequestBuilder\BarcodeServiceRequestBuilderInterface*

Summary

Methods

- *public buildGenerateBarcodeRequest(\$generateBarcode)*
- *public setService(\$entity)*

Constants

SANDBOX_ENDPOINT = `\'https://api\ Sandbox\ .postnl\ .nl/shipment/v1_1/barcode\'`

LIVE_ENDPOINT = `\'https://api\ .postnl\ .nl/shipment/v1_1/barcode\'`

Methods

public Firstred\PostNL\Service\RequestBuilder\Rest\BarcodeServiceRestRequestBuilder::buildGenerateBarcodeRequest(\$generateBarcode)

Build the 'generate barcode' HTTP request.

Parameters

- **\$generateBarcode** (*Firstred\PostNL\Entity\Request\GenerateBarcode*)

Returns `\Psr\Http\Message\RequestInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\Rest\BarcodeServiceRestRequestBuilder::setService(\$entity)

Set this service on the given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns `void`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

Interfaces

LabellingServiceRequestBuilderInterface

interface

`Firstred\PostNL\Service\RequestBuilder\LabellingServiceRequestBuilderInterface`

Summary

Methods

- `public buildGenerateLabelRequest($generateLabel, $confirm)`

Methods

public `Firstred\PostNL\Service\RequestBuilder\LabellingServiceRequestBuilderInterface::buildGenerate`

Build the 'generate label' HTTP request.

Parameters

- **\$generateLabel** (`Firstred\PostNL\Entity\Request\GenerateLabel`)
- **\$confirm** (bool)

Returns `\Psr\Http\Message\RequestInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

ShippingServiceRequestBuilderInterface

interface

`Firstred\PostNL\Service\RequestBuilder\ShippingServiceRequestBuilderInterface`

Summary

Methods

- `public buildSendShipmentRequest($sendShipment, $confirm)`

Methods

public Firstred\PostNL\Service\RequestBuilder\ShippingServiceRequestBuilderInterface::buildSendShipmentRequest(\$sendShipment, \$confirm)

Build the 'send shipment' HTTP request.

Parameters

- **\$sendShipment** (*Firstred\PostNL\Entity\Request\SendShipment*)
- **\$confirm** (bool)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

LocationServiceRequestBuilderInterface

interface

Firstred\PostNL\Service\RequestBuilder\LocationServiceRequestBuilderInterface

Summary

Methods

- `public buildGetNearestLocationsRequest($getNearestLocations)`
- `public buildGetLocationsInAreaRequest($getLocations)`
- `public buildGetLocationRequest($getLocation)`

Methods

public Firstred\PostNL\Service\RequestBuilder\LocationServiceRequestBuilderInterface::buildGetNearestLocationsRequest(\$getNearestLocations)

Build the 'get nearest locations' HTTP request.

Parameters

- **\$getNearestLocations** (*Firstred\PostNL\Entity\Request\GetNearestLocations*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\LocationServiceRequestBuilderInterface::buildGetLocati

Build the 'get locations in area' HTTP.

Parameters

- **\$getLocations** (Firstred\PostNL\Entity\Request\GetLocationsInArea)

Returns \Psr\Http\Message\RequestInterface

Since 2.0.0

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

public Firstred\PostNL\Service\RequestBuilder\LocationServiceRequestBuilderInterface::buildGetLocati

Build the 'get single location' HTTP request.

Parameters

- **\$getLocation** (Firstred\PostNL\Entity\Request\GetLocation)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 2.0.0

TimeframeServiceRequestBuilderInterface

interface

Firstred\PostNL\Service\RequestBuilder\TimeframeServiceRequestBuilderInterface

Summary

Methods

- `public buildGetTimeframesRequest($getTimeframes)`

Methods

public Firstred\PostNL\Service\RequestBuilder\TimeframeServiceRequestBuilderInterface::buildGetTimef

Build the 'get timeframes' HTTP request.

Parameters

- `$getTimeframes` (*Firstred\PostNL\Entity\Request\GetTimeframes*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

ShippingStatusServiceRequestBuilderInterface

interface

Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface

Summary

Methods

- `public buildCurrentStatusRequest($currentStatus)`
- `public buildCompleteStatusRequest($completeStatus)`
- `public buildGetSignatureRequest($getSignature)`
- `public buildGetUpdatedShipmentsRequest($getUpdatedShipments)`

Methods

public Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface::buildCur

Build the 'get current status' HTTP request.

This function auto-detects and adjusts the following requests:

- CurrentStatus

- `CurrentStatusByReference`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

public `Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface::buildCom`

Build the 'get complete status' HTTP request.

This function auto-detects and adjusts the following requests:

- `CompleteStatus`
- `CompleteStatusByReference`
- `CompleteStatusByPhase`
- `CompleteStatusByStatus`

Parameters

- **\$completeStatus** (`Firstred\PostNL\Entity\Request\CompleteStatus`)

Returns `\Psr\Http\Message\RequestInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

public `Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface::buildGet`

Build the 'get signature' HTTP request.

Parameters

- **\$getSignature** (`Firstred\PostNL\Entity\Request\GetSignature`)

Returns `\Psr\Http\Message\RequestInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

public `Firstred\PostNL\Service\RequestBuilder\ShippingStatusServiceRequestBuilderInterface::buildGet`

Build the 'get updated shipments' HTTP request.

Parameters

- **\$getUpdatedShipments** (*Firstred\PostNL\Entity\Request\GetUpdatedShipments*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

ConfirmingServiceRequestBuilderInterface

interface

Firstred\PostNL\Service\RequestBuilder\ConfirmingServiceRequestBuilderInterface

Summary

Methods

- *public buildConfirmRequest(\$confirming)*

Methods

public Firstred\PostNL\Service\RequestBuilder\ConfirmingServiceRequestBuilderInterface::buildConfirmRequest(\$confirming)

Build the 'confirm label' HTTP request.

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

BarcodeServiceRequestBuilderInterface

interface Firstred\PostNL\Service\RequestBuilder\BarcodeServiceRequestBuilderInterface

Summary

Methods

- *public buildGenerateBarcodeRequest(\$generateBarcode)*

Methods

public Firstred\PostNL\Service\RequestBuilder\BarcodeServiceRequestBuilderInterface::buildGenerateBarcodeRequest(\$generateBarcode)

Build the 'generate barcode' HTTP request.

Parameters

- **\$generateBarcode** (*Firstred\PostNL\Entity\Request\GenerateBarcode*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

DeliveryDateServiceRequestBuilderInterface

interface

Firstred\PostNL\Service\RequestBuilder\DeliveryDateServiceRequestBuilderInterface

Summary

Methods

- *public buildGetDeliveryDateRequest(\$getDeliveryDate)*
- *public buildGetSentDateRequest(\$getSentDate)*

Methods

public Firstred\PostNL\Service\RequestBuilder\DeliveryDateServiceRequestBuilderInterface::buildGetDeliveryDateRequest(\$getDeliveryDate)

Build the 'get delivery date' HTTP request.

Parameters

- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\DeliveryDateServiceRequestBuilderInterface::buildGetSentDateRequest(\$getSentDate)

Build the 'get sent date' HTTP request.

Parameters

- **\$getSentDate** (*Firstred\PostNL\Entity\Request\GetSentDateRequest*)

Returns \Psr\Http\Message\RequestInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

Classes**AbstractRequestBuilder**

class Firstred\PostNL\Service\RequestBuilder**AbstractRequestBuilder**

Summary**Methods**

- *public* **__construct**(\$apiKey, \$sandbox, \$requestFactory, \$streamFactory)
- *public* **setApiKey**(\$apiKey)
- *public* **isSandbox**()
- *public* **setSandbox**(\$sandbox)
- *public* **getRequestFactory**()
- *public* **setRequestFactory**(\$requestFactory)
- *public* **getStreamFactory**()
- *public* **setStreamFactory**(\$streamFactory)
- *protected* **setService**(\$entity)

Methods

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::__construct(*\$apiKey*,
\$sand-
box,
\$re-
quest-
Fac-
tory,
\$stream-
Fac-
tory)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::setApiKey(*\$apiKey*)

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::isSandbox()

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::setSandbox(*\$sandbox*)

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::getRequestFactory()

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::setRequestFactory(*\$requestFactory*)

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::getStreamFactory()

Since 2.0.0

public Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::setStreamFactory(*\$streamFactory*)

Since 2.0.0

protected Firstred\PostNL\Service\RequestBuilder\AbstractRequestBuilder::setService(*\$entity*)

Set this service on given entity.

This lets the entity know for which service it should serialize.

Parameters

- **\$entity** (*Firstred\PostNL\Entity\AbstractEntity*)

Returns void

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 2.0.0

Traits

RequestBuilderSettersTrait

```
trait Firstred\PostNL\Service\RequestBuilder\RequestBuilderSettersTrait
```

Methods

```
public Firstred\PostNL\Service\RequestBuilder\RequestBuilderSettersTrait::setApiKey($apiKey)
```

Since 2.0.0

```
public Firstred\PostNL\Service\RequestBuilder\RequestBuilderSettersTrait::setSandbox($sandbox)
```

Since 2.0.0

```
public Firstred\PostNL\Service\RequestBuilder\RequestBuilderSettersTrait::setRequestFactory($requestFactory)
```

Since 2.0.0

```
public Firstred\PostNL\Service\RequestBuilder\RequestBuilderSettersTrait::setStreamFactory($streamFactory)
```

Since 2.0.0

ResponseProcessor

```
\Firstred\PostNL\Service\ResponseProcessor
```

Namespaces

Rest

```
\Firstred\PostNL\Service\ResponseProcessor\Rest
```

Classes

ShippingStatusServiceRestResponseProcessor

```
class Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingStatusServiceRestResponseProcessor
```

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor*

Implements *Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface*

Summary

Methods

- *public processCurrentStatusResponse(\$response)*
- *public processCompleteStatusResponse(\$response)*
- *public processGetSignatureResponse(\$response)*
- *public processGetUpdatedShipmentsResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingStatusServiceRestResponseProcessor::pr

Process the 'get current status' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns \Firstred\PostNL\Entity\Response\CurrentStatusResponse

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingStatusServiceRestResponseProcessor::pr

Process the 'get complete status' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponse*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingStatusServiceRestResponseProcessor::pr

Process the 'get signature' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingStatusServiceRestResponseProcessor::pr

Process the 'get updated shipments' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse[]*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

TimeframeServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest\TimeframeServiceRestResponseProcessor

Parent `Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor`

Implements `Firstred\PostNL\Service\ResponseProcessor\TimeframeServiceResponseProcessorInterface`

Summary

Methods

- `public processGetTimeframesResponse($response)`

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\TimeframeServiceRestResponseProcessor::process

Process the 'get timeframes' server response.

Parameters

- `$response` (Psr\Http\Message\ResponseInterface)

Returns `\Firstred\PostNL\Entity\Response\ResponseTimeframes`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 2.0.0

LabellingServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest\LabellingServiceRestResponseProcessor

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor*

Implements *Firstred\PostNL\Service\ResponseProcessor\LabellingServiceResponseProcessorInterface*

Summary

Methods

- *public processGenerateLabelResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\LabellingServiceRestResponseProcessor::process

Process the 'generate label' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GenerateLabelResponse*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

DeliveryDateServiceRestResponseProcessor

class *Firstred\PostNL\Service\ResponseProcessor\Rest*
DeliveryDateServiceRestResponseProcessor

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest*
AbstractRestResponseProcessor

Implements *Firstred\PostNL\Service\ResponseProcessor*
DeliveryDateServiceResponseProcessorInterface

Summary

Methods

- *public processGetDeliveryDateResponse(\$response)*
- *public processGetSentDateResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\DeliveryDateServiceRestResponseProcessor::proc

Process the 'get delivery date' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetDeliveryDateResponse*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\Rest\DeliveryDateServiceRestResponseProcessor::proc

Process the 'get sent date' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns `\Firstred\PostNL\Entity\Response\GetSentDateResponse`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

LocationServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest\LocationServiceRestResponseProcessor

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor*

Implements *Firstred\PostNL\Service\ResponseProcessor\LocationServiceResponseProcessorInterface*

Summary

Methods

- *public processGetNearestLocationsResponse(\$response)*
- *public processGetLocationsInAreaResponse(\$response)*
- *public processGetLocationResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\LocationServiceRestResponseProcessor::processG

Process the 'get nearest locations' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetNearestLocationsResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 2.0.0

public `Firstred\PostNL\Service\ResponseProcessor\Rest\LocationServiceRestResponseProcessor::processG`

Process the 'get locations in area' server response.

Parameters

- `$response` (`Psr\Http\Message\ResponseInterface`)

Returns `\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\Rest\LocationServiceRestResponseProcessor::processG

Process the 'get location' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 2.0.0

BarcodeServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest\BarcodeServiceRestResponseProcessor

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest*
AbstractRestResponseProcessor

Implements *Firstred\PostNL\Service\ResponseProcessor*
BarcodeServiceResponseProcessorInterface

Summary

Methods

- *public processGenerateBarcodeResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\BarcodeServiceRestResponseProcessor::processGe

Process the 'generate barcode' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns string

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

AbstractRestResponseProcessor

class Firstred\PostNL\Service\ResponseProcessor\Rest**AbstractRestResponseProcessor**

Parent *Firstred\PostNL\Service\ResponseProcessor*
AbstractResponseProcessor

Summary

Methods

- *protected validateResponse(\$response)*

Methods

protected Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor::**validateResp**

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns bool

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 2.0.0

ShippingServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingServiceRestResponseProcessor

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor*

Implements *Firstred\PostNL\Service\ResponseProcessor\ShippingServiceResponseProcessorInterface*

Summary

Methods

- *public processSendShipmentResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\ShippingServiceRestResponseProcessor::processS

Process the 'send shipment' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\SendShipmentResponse* | null

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

ConfirmingServiceRestResponseProcessor

class

Firstred\PostNL\Service\ResponseProcessor\Rest**ConfirmingServiceRestResponseProcessor**

Parent *Firstred\PostNL\Service\ResponseProcessor\Rest\AbstractRestResponseProcessor*

Implements *Firstred\PostNL\Service\ResponseProcessor\ConfirmingServiceResponseProcessorInterface*

Summary

Methods

- *public processConfirmResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\Rest\ConfirmingServiceRestResponseProcessor::process

Process the 'confirm label' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\ConfirmingResponseShipment[]*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

Interfaces

TimeframeServiceResponseProcessorInterface

interface

Firstred\PostNL\Service\ResponseProcessor\TimeframeServiceResponseProcessorInterface

Summary

Methods

- *public processGetTimeframesResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\TimeframeServiceResponseProcessorInterface::process

Process the 'get timeframes' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns \Firstred\PostNL\Entity\Response\ResponseTimeframes

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 2.0.0

ShippingServiceResponseProcessorInterface

interface

`Firstred\PostNL\Service\ResponseProcessor\ShippingServiceResponseProcessorInterface`

Summary

Methods

- *public processSendShipmentResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\ShippingServiceResponseProcessorInterface::processS

Process the 'send shipment' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns \Firstred\PostNL\Entity\Response\SendShipmentResponse | null

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 2.0.0

BarcodeServiceResponseProcessorInterface

interface

Firstred\PostNL\Service\ResponseProcessor\BarcodeServiceResponseProcessorInterface

Summary

Methods

- *public processGenerateBarcodeResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\BarcodeServiceResponseProcessorInterface::processGenerateBarcodeResponse(\$response)

Process the 'generate barcode' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns string

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 2.0.0

ShippingStatusServiceResponseProcessorInterface

interface `Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface`

Summary

Methods

- `public processCurrentStatusResponse($response)`
- `public processCompleteStatusResponse($response)`
- `public processGetSignatureResponse($response)`
- `public processGetUpdatedShipmentsResponse($response)`

Methods

public `Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface::pr`

Process the 'get current status' server response.

Parameters

- `$response` (`Psr\Http\Message\ResponseInterface`)

Returns `\Firstred\PostNL\Entity\Response\CurrentStatusResponse`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

public *Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface::pr*

Process the 'get complete status' server response.

Parameters

- **\$response** (*Psr\Http\Message\ResponseInterface*)

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponse*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface::pr

Process the 'get signature' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 2.0.0

public `Firstred\PostNL\Service\ResponseProcessor\ShippingStatusServiceResponseProcessorInterface::pr`

Process the 'get updated shipments' server response.

Parameters

- **\$response** (`Psr\Http\Message\ResponseInterface`)

Returns `\Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse[]`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 2.0.0

ConfirmingServiceResponseProcessorInterface

interface

Firstred\PostNL\Service\ResponseProcessor\ConfirmingServiceResponseProcessorInterface

Summary

Methods

- `public processConfirmResponse($response)`

Methods

public Firstred\PostNL\Service\ResponseProcessor\ConfirmingServiceResponseProcessorInterface::process

Process the 'confirm label' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns `\Firstred\PostNL\Entity\Response\ConfirmingResponseShipment[]`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 2.0.0

LabellingServiceResponseProcessorInterface

interface

Firstred\PostNL\Service\ResponseProcessor\LabellingServiceResponseProcessorInterface

Summary

Methods

- *public processGenerateLabelResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\LabellingServiceResponseProcessorInterface::process

Process the 'generate label' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GenerateLabelResponse*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 2.0.0

LocationServiceResponseProcessorInterface

interface

Firstred\PostNL\Service\ResponseProcessor\LocationServiceResponseProcessorInterface

Summary

Methods

- *public processGetNearestLocationsResponse(\$response)*
- *public processGetLocationsInAreaResponse(\$response)*
- *public processGetLocationResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\LocationServiceResponseProcessorInterface::processG

Process the 'get nearest locations' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetNearestLocationsResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\LocationServiceResponseProcessorInterface::processG

Process the 'get locations in area' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 2.0.0

public `Firstred\PostNL\Service\ResponseProcessor\LocationServiceResponseProcessorInterface::processG`

Process the 'get location' server response.

Parameters

- `$response` (`Psr\Http\Message\ResponseInterface`)

Returns `\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 2.0.0

DeliveryDateServiceResponseProcessorInterface

interface Firstred\PostNL\Service\ResponseProcessor\
DeliveryDateServiceResponseProcessorInterface

Summary

Methods

- *public processGetDeliveryDateResponse(\$response)*
- *public processGetSentDateResponse(\$response)*

Methods

public Firstred\PostNL\Service\ResponseProcessor\DeliveryDateServiceResponseProcessorInterface::proc

Process the 'get delivery date' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetDeliveryDateResponse*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Since 2.0.0

public Firstred\PostNL\Service\ResponseProcessor\DeliveryDateServiceResponseProcessorInterface::proc

Process the 'get sent date' server response.

Parameters

- **\$response** (Psr\Http\Message\ResponseInterface)

Returns *\Firstred\PostNL\Entity\Response\GetSentDateResponse*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 2.0.0

Classes

AbstractResponseProcessor

class `Firstred\PostNL\Service\ResponseProcessor\AbstractResponseProcessor`

Summary

Methods

- *protected static* `getResponseText($response)`

Methods

protected static `Firstred\PostNL\Service\ResponseProcessor\AbstractResponseProcessor::getResponseText`

Get the response.

Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Since 2.0.0

Traits

ResponseProcessorSettersTrait

```
trait Firstred\PostNL\Service\ResponseProcessor\ResponseProcessorSettersTrait
```

Interfaces

TimeframeServiceInterface

```
interface Firstred\PostNL\Service\TimeframeServiceInterface
```

Parent *Firstred\PostNL\Service\ServiceInterface*

Parent *Firstred\PostNL\Cache\CacheableServiceInterface*

Summary

Methods

- *public getTimeframes(\$getTimeframes)*

Methods

```
public Firstred\PostNL\Service\TimeframeServiceInterface::getTimeframes($getTimeframes)
```

Get timeframes via REST.

Parameters

- **\$getTimeframes** (*Firstred\PostNL\Entity\Request\GetTimeframes*)

Returns *\Firstred\PostNL\Entity\Response\ResponseTimeframes*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws [*\Firstred\PostNL\Exception\NotFoundException*](#)
Throws [*\Firstred\PostNL\Exception\CifDownException*](#)
Throws [*\Firstred\PostNL\Exception\CifException*](#)
Throws [*\Firstred\PostNL\Exception\HttpClientException*](#)
Throws [*\Psr\Cache\InvalidArgumentException*](#)
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Throws [*\Firstred\PostNL\Exception\HttpClientException*](#)
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Throws [*\Firstred\PostNL\Exception\CifException*](#)
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Throws [*\Firstred\PostNL\Exception\NotSupportedException*](#)
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Throws [*\Firstred\PostNL\Exception\NotFoundException*](#)
Throws [*\Firstred\PostNL\Exception\CifDownException*](#)
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Throws [*\Firstred\PostNL\Exception\HttpClientException*](#)
Throws [*\Psr\Cache\InvalidArgumentException*](#)
Throws [*\Firstred\PostNL\Exception\NotSupportedException*](#)
Throws [*\Firstred\PostNL\Exception\InvalidArgumentException*](#)

Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.0.0

ConfirmingServiceInterface

interface *Firstred\PostNL\Service\ConfirmingServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Summary

Methods

- *public confirmShipment(\$confirming)*
- *public confirmShipments(\$confirms)*

Methods

public *Firstred\PostNL\Service\ConfirmingServiceInterface::confirmShipment(\$confirming)*

Generate a single barcode via REST.

Parameters

- **\$confirming** (*Firstred\PostNL\Entity\Request\Confirming*)

Returns *\Firstred\PostNL\Entity\Response\ConfirmingResponseShipment*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

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Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

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Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws *\Firstred\PostNL\Exception\NotFoundException*

Since 1.0.0

public Firstred\PostNL\Service\ConfirmingServiceInterface::confirmShipments(*\$confirms*)

Confirm multiple shipments.

Parameters

- **\$confirms** (*Firstred\PostNL\Entity\Request\Confirming[]*) ['uuid' => Confirming, ...]

Returns *\Firstred\PostNL\Entity\Response\ConfirmingResponseShipment[]*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

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Throws *\Firstred\PostNL\Exception\CifDownException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\CifDownException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.0.0

LabellingServiceInterface

interface *Firstred\PostNL\Service\LabellingServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Summary

Methods

- *public generateLabel(\$generateLabel, \$confirm)*
- *public generateLabels(\$generateLabels)*

Methods

public *Firstred\PostNL\Service\LabellingServiceInterface::generateLabel*(\$generateLabel, \$confirm=true)

Generate a single barcode via REST.

Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Since 1.0.0

public Firstred\PostNL\Service\LabellingServiceInterface::**generateLabels**(\$generateLabels)

Generate multiple labels at once.

Parameters

- **\$generateLabels** (array | string,array{0: \Firstred\PostNL\Entity\Request\GenerateBarcode, 1: bool}>)

Returns array | string,\Firstred\PostNL\Entity\Response\GenerateLabelResponse>

Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 1.0.0

DeliveryDateServiceInterface

interface *Firstred\PostNL\Service\DeliveryDateServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Parent *Firstred\PostNL\Cache\CacheableServiceInterface*

Summary

Methods

- *public getDeliveryDate(\$getDeliveryDate)*
- *public getSentDate(\$getSentDate)*

Methods

public *Firstred\PostNL\Service\DeliveryDateServiceInterface::getDeliveryDate(\$getDeliveryDate)*

Get the delivery date.

Parameters

- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns *\Firstred\PostNL\Entity\Response\GetDeliveryDateResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

```

Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\NotFoundException
Throws \Psr\Cache\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\HttpClientException
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Throws \Firstred\PostNL\Exception\NotFoundException
Throws \Psr\Cache\InvalidArgumentException
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Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\NotFoundException
Throws \Psr\Cache\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\NotFoundException
Throws \Psr\Cache\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\NotFoundException
Throws \Psr\Cache\InvalidArgumentException
Since 2.0.0

```

```
public Firstred\PostNL\Service\DeliveryDateServiceInterface::getSentDate($getSentDate)
```

Get the shipping date.

Parameters

- **\$getSentDate** (*Firstred\PostNL\Entity\Request\GetSentDateRequest*)

Returns *\Firstred\PostNL\Entity\Response\GetSentDateResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Psr\Cache\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\CifDownException*
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Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Since 2.0.0

LocationServiceInterface

interface *Firstred\PostNL\Service\LocationServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Parent *Firstred\PostNL\Cache\CacheableServiceInterface*

Summary

Methods

- *public* *getNearestLocations(\$getNearestLocations)*
- *public* *getLocationsInArea(\$getLocations)*
- *public* *getLocation(\$getLocation)*

Methods

public Firstred\PostNL\Service\LocationServiceInterface::getNearestLocations(*\$getNearestLocations*)

Get the nearest locations.

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

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Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Since 1.0.0

```
public Firstred\PostNL\Service\LocationServiceInterface::getLocationsInArea($getLocations)
```

Get the nearest locations.

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.0.0

public Firstred\PostNL\Service\LocationServiceInterface::getLocation(*\$getLocation*)

Get the location via REST.

Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.0.0

ServiceInterface

interface *Firstred\PostNL\Service\ServiceInterface*

Summary

BarcodeServiceInterface

interface *Firstred\PostNL\Service\BarcodeServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Summary

Methods

- *public generateBarcode(\$generateBarcode)*
- *public generateBarcodes(\$generateBarcodes)*

Methods

public Firstred\PostNL\Service\BarcodeServiceInterface::**generateBarcode**(\$generateBarcode)

Generate a single barcode.

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Since 1.0.0

public Firstred\PostNL\Service\BarcodeServiceInterface::**generateBarcodes**(\$generateBarcodes)

Generate multiple barcodes at once.

Parameters

- **\$generateBarcodes** (Firstred\PostNL\Entity\Request\GenerateBarcode[])

Returns string[] Barcodes

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 1.0.0

ShippingServiceInterface

interface *Firstred\PostNL\Service\ShippingServiceInterface*

Parent *Firstred\PostNL\Service\ServiceInterface*

Summary

Methods

- *public sendShipment(\$sendShipment, \$confirm)*

Methods

public Firstred\PostNL\Service\ShippingServiceInterface::**sendShipment**(\$sendShipment,
\$confirm=true)

Generate a single Shipping vai REST.

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotFoundException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 1.2.0

ShippingStatusServiceInterface

interface `Firstred\PostNL\Service\ShippingStatusServiceInterface`

Parent `Firstred\PostNL\Service\ServiceInterface`

Parent `Firstred\PostNL\Cache\CacheableServiceInterface`

Summary

Methods

- `public currentStatus($currentStatus)`
- `public currentStatuses($currentStatuses)`
- `public completeStatus($completeStatus)`
- `public completeStatuses($completeStatuses)`
- `public getSignature($getSignature)`
- `public getSignatures($getSignatures)`
- `public getUpdatedShipments($customer, $dateTimeFrom, $dateTimeTo)`

Methods

public `Firstred\PostNL\Service\ShippingStatusServiceInterface::currentStatus`(`\Firstred\PostNL\Entity\Request\CurrentStatus` | `\Firstred\PostNL\Entity\Request\CurrentStatusByReference`)

Gets the current status.

This is a combi-function, supporting the following:

- CurrentStatus (by barcode):
 - Fill the Shipment->Barcode property. Leave the rest empty.
- CurrentStatusByReference:
 - Fill the Shipment->Reference property. Leave the rest empty.

Parameters

- **\$currentStatus** (`Firstred\PostNL\Entity\Request\CurrentStatus` | `Firstred\PostNL\Entity\Request\CurrentStatusByReference`)

Returns `\Firstred\PostNL\Entity\Response\CurrentStatusResponse`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.0.0

public Firstred\PostNL\Service\ShippingStatusServiceInterface::currentStatuses(*\$currentStatuses*)

Get current statuses REST.

Parameters

- **\$currentStatuses** (*Firstred\PostNL\Entity\Request\CurrentStatus[]* | *\Firstred\PostNL\Entity\Request\CurrentStatusByReference[]*)

Returns *\Firstred\PostNL\Entity\Response\CurrentStatusResponse[]*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.2.0

```

public Firstred\PostNL\Service\ShippingStatusServiceInterface::completeStatus(\Firstred\PostNL\Entity\Request\CompleteStatus | \Firstred\PostNL\Entity\Request\CompleteStatusByReference)
  
```

Gets the complete status.

This is a combi-function, supporting the following:

- CurrentStatus (by barcode):
 - Fill the Shipment->Barcode property. Leave the rest empty.
- CurrentStatusByReference:
 - Fill the Shipment->Reference property. Leave the rest empty.

Parameters

- **\$completeStatus** (*Firstred\PostNL\Entity\Request\CompleteStatus* | *Firstred\PostNL\Entity\Request\CompleteStatusByReference*)

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Since 1.0.0

public Firstred\PostNL\Service\ShippingStatusServiceInterface::completeStatuses(*\$completeStatuses*)

Get complete statuses REST.

Parameters

- **\$completeStatuses** (*Firstred\PostNL\Entity\Request\CompleteStatus[]* | *\Firstred\PostNL\Entity\Request\CompleteStatusByReference[]*)

Returns *\Firstred\PostNL\Entity\Response\CompleteStatusResponse[]*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 1.2.0

public Firstred\PostNL\Service\ShippingStatusServiceInterface::getSignature(*\$getSignature*)

Gets the complete status.

This is a combi-function, supporting the following:

- CurrentStatus (by barcode):
 - Fill the Shipment->Barcode property. Leave the rest empty.
- CurrentStatusByReference:
 - Fill the Shipment->Reference property. Leave the rest empty.

Parameters

- **\$getSignature** (*Firstred\PostNL\Entity\Request\GetSignature*)

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.0.0

public *Firstred\PostNL\Service\ShippingStatusServiceInterface::getSignatures(\$getSignatures)*

Get multiple signatures.

Parameters

- *\$getSignatures* (*Firstred\PostNL\Entity\Request\GetSignature[]*)

Returns `\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature[]`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 1.2.0

```
public Firstred\PostNL\Service\ShippingStatusServiceInterface::getUpdatedShipments($customer,
                                                                                    $date-
                                                                                    Time-
                                                                                    From=null,
                                                                                    $date-
                                                                                    TimeTo=null)
```

Get updated shipments for customer REST.

Parameters

- **\$customer** (`\Firstred\PostNL\Entity\Customer`)
- **\$dateTimeFrom** (`DateTimeInterface` | null)
- **\$dateTimeTo** (`DateTimeInterface` | null)

Returns `\Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse[]`

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\CifException*

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Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

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Throws *\Psr\Cache\InvalidArgumentException*
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Throws *\Firstred\PostNL\Exception\NotFoundException*
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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.2.0

Classes

AbstractService

class Firstred\PostNL\Service**AbstractService**

Class AbstractService.

Implements *Firstred\PostNL\Service\ServiceInterface*

Summary

Methods

- `public __construct($apiKey, $sandbox, $httpClient, $requestFactory, $streamFactory)`
- `public setApiKey($apiKey)`
- `public isSandbox()`
- `public setSandbox($sandbox)`
- `public getHttpClient()`
- `public setHttpClient($httpClient)`
- `public getRequestFactory()`
- `public setRequestFactory($requestFactory)`
- `public getStreamFactory()`
- `public setStreamFactory($streamFactory)`

Methods

```
public Firstred\PostNL\Service\AbstractService::__construct($apiKey, $sandbox, $httpClient,  
                                                         $requestFactory,  
                                                         $streamFactory)
```

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

```
public Firstred\PostNL\Service\AbstractService::setApiKey($apiKey)
```

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::isSandbox()
```

Returns bool

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::setSandbox($sandbox)
```

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::getHttpClient()
```

Returns *\Firstred\PostNL\HttpClient\HttpClientInterface*

```
public Firstred\PostNL\Service\AbstractService::setHttpClient($httpClient)
```

Parameters

- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)

Returns *\Firstred\PostNL\Service\AbstractService*

```
public Firstred\PostNL\Service\AbstractService::getRequestFactory()
```

Returns *\Psr\Http\Message\RequestFactoryInterface*

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::setRequestFactory($requestFactory)
```

Parameters

- **\$requestFactory** (*\Psr\Http\Message\RequestFactoryInterface*)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::getStreamFactory()
```

Returns *\Psr\Http\Message\StreamFactoryInterface*

Since 2.0.0

```
public Firstred\PostNL\Service\AbstractService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (*\Psr\Http\Message\StreamFactoryInterface*)

Returns static

Since 2.0.0

LocationService

```
class Firstred\PostNL\Service\LocationService
```

Parent *Firstred\PostNL\Service\AbstractCacheableService*

Implements *Firstred\PostNL\Service\LocationServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- `public __construct($apiKey, $sandbox, $httpClient, $requestFactory, $streamFactory, $cache, $ttl)`
- `public getNearestLocations($getNearestLocations)`
- `public getLocationsInArea($getLocations)`
- `public getLocation($getLocation)`
- `public setApiKey($apiKey)`
- `public setSandbox($sandbox)`
- `public setRequestFactory($requestFactory)`
- `public setStreamFactory($streamFactory)`

Properties

protected static property Firstred\PostNL\Service\LocationService::\$requestBuilder

protected static property Firstred\PostNL\Service\LocationService::\$responseProcessor

Methods

public Firstred\PostNL\Service\LocationService::__construct(*\$apiKey*, *\$sandbox*, *\$httpClient*, *\$requestFactory*, *\$streamFactory*, *\$cache=null*, *\DateInterval|\DateTimeInterface|int* *\$ttl=null*)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)
- **\$cache** (Psr\Cache\CacheItemPoolInterface | null)
- **\$ttl** (DateInterval | \DateTimeInterface | int | null)

public Firstred\PostNL\Service\LocationService::getNearestLocations(*\$getNearestLocations*)

Get the nearest locations via REST.

Parameters

- **\$getNearestLocations** (*Firstred\PostNL\Entity\Request\GetNearestLocations*)

Returns *\Firstred\PostNL\Entity\Response\GetNearestLocationsResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

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Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 1.0.0

public `Firstred\PostNL\Service\LocationService::getLocationsInArea($getLocations)`

Get the nearest locations via REST.

Parameters

- **\$getLocations** (`Firstred\PostNL\Entity\Request\GetLocationsInArea`)

Returns `\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\CifDownException`

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Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
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Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.0.0

public Firstred\PostNL\Service\LocationService::getLocation(*\$getLocation*)

Get the location via REST.

Parameters

- **\$getLocation** (*Firstred\PostNL\Entity\Request\GetLocation*)

Returns *\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
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Throws *\Firstred\PostNL\Exception\NotSupportedException*
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Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 1.0.0

public Firstred\PostNL\Service\LocationService::**setApiKey**(\$apiKey)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\LocationService::**setSandbox**(\$sandbox)

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\LocationService::**setRequestFactory**(\$requestFactory)

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\LocationService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

ShippingService

```
class Firstred\PostNL\Service\ShippingService
```

Parent *Firstred\PostNL\Service\AbstractService*

Implements *Firstred\PostNL\Service\ShippingServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory)*
- *public sendShipment(\$sendShipment, \$confirm)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties

```
protected static property Firstred\PostNL\Service\ShippingService::$requestBuilder
```

```
protected static property Firstred\PostNL\Service\ShippingService::$responseProcessor
```

Methods

```
public Firstred\PostNL\Service\ShippingService::__construct($apiKey, $sandbox, $httpClient,  
                                                            $requestFactory,  
                                                            $streamFactory)
```

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Since 2.0.0

public Firstred\PostNL\Service\ShippingService::**sendShipment**(\$sendShipment, \$confirm=true)

Generate a single Shipping vai REST.

Parameters

- **\$sendShipment** (*Firstred\PostNL\Entity\Request\SendShipment*)
- **\$confirm** (bool)

Returns *\Firstred\PostNL\Entity\Response\SendShipmentResponse* | null

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 1.2.0

public Firstred\PostNL\Service\ShippingService::**setApiKey**(\$apiKey)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingService::**setSandbox**(\$sandbox)

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingService::**setRequestFactory**(\$requestFactory)

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingService::**setStreamFactory**(\$streamFactory)

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static**Since** 2.0.0**BarcodeService****class** Firstred\PostNL\Service\BarcodeService**Parent** *Firstred\PostNL\Service\AbstractService***Implements** *Firstred\PostNL\Service\BarcodeServiceInterface***Used traits** *Firstred\PostNL\Service\ResponseProcessor*
*ResponseProcessorSettersTrait***Summary****Methods**

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory)*
- *public generateBarcode(\$generateBarcode)*
- *public generateBarcodes(\$generateBarcodes)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties**protected static property** Firstred\PostNL\Service\BarcodeService::\$requestBuilder**protected static property** Firstred\PostNL\Service\BarcodeService::\$responseProcessor**Methods****public** Firstred\PostNL\Service\BarcodeService::__construct(*\$apiKey, \$sandbox, \$httpClient,*
\$requestFactory, \$streamFactory)**Parameters**

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

public Firstred\PostNL\Service\BarcodeService::generateBarcode(*\$generateBarcode*)

Generate a single barcode.

```
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Throws \Firstred\PostNL\Exception\CifDownException
Throws \Firstred\PostNL\Exception\CifException
Throws \Firstred\PostNL\Exception\HttpClientException
Throws \Firstred\PostNL\Exception\ResponseException
Throws \Firstred\PostNL\Exception\InvalidConfigurationException
Throws \Firstred\PostNL\Exception\InvalidArgumentException
Since 1.0.0
```

```
public Firstred\PostNL\Service\BarcodeService::generateBarcodes($generateBarcodes)
```

Generate multiple barcodes at once.

Parameters

- **\$generateBarcodes** (*Firstred\PostNL\Entity\Request\GenerateBarcode[]*)

Returns string[] Barcodes

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

public Firstred\PostNL\Service\BarcodeService::setApiKey(\$apiKey)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\BarcodeService::setSandbox(\$sandbox)

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\BarcodeService::setRequestFactory(\$requestFactory)

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\BarcodeService::setStreamFactory(\$streamFactory)

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

DeliveryDateService

class Firstred\PostNL\Service\DeliveryDateService

Parent *Firstred\PostNL\Service\AbstractCacheableService*

Implements *Firstred\PostNL\Service\DeliveryDateServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- `public __construct($apiKey, $sandbox, $httpClient, $requestFactory, $streamFactory, $cache, $ttl)`
- `public getDeliveryDate($getDeliveryDate)`
- `public getSentDate($getSentDate)`
- `public setApiKey($apiKey)`
- `public setSandbox($sandbox)`
- `public setRequestFactory($requestFactory)`
- `public setStreamFactory($streamFactory)`

Properties

protected static property Firstred\PostNL\Service\DeliveryDateService::\$requestBuilder

protected static property

Firstred\PostNL\Service\DeliveryDateService::\$responseProcessor

Methods

```
public Firstred\PostNL\Service\DeliveryDateService::__construct($apiKey, $sandbox,
                                                                $httpClient,
                                                                $requestFactory,
                                                                $streamFactory,
                                                                $cache=null, \DateInter-
                                                                val|\DateTimeInterface|int
                                                                $ttl=null)
```

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)
- **\$cache** (Psr\Cache\CacheItemPoolInterface | null)
- **\$ttl** (DateInterval | \DateTimeInterface | int | null)

```
public Firstred\PostNL\Service\DeliveryDateService::getDeliveryDate($getDeliveryDate)
```

Get the delivery date.

Parameters

- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns *\Firstred\PostNL\Entity\Response\GetDeliveryDateResponse*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Since 1.0.0

public Firstred\PostNL\Service\DeliveryDateService::getSentDate(*\$getSentDate*)

Get the shipping date.

Parameters

- **\$getSentDate** (*Firstred\PostNL\Entity\Request\GetSentDateRequest*)

Returns *\Firstred\PostNL\Entity\Response\GetSentDateResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

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Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
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Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\ApiException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 1.0.0

public Firstred\PostNL\Service\DeliveryDateService::setApiKey(\$apiKey)

Parameters

- \$apiKey (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\DeliveryDateService::setSandbox($sandbox)
```

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\DeliveryDateService::setRequestFactory($requestFactory)
```

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\DeliveryDateService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

TimeframeService

```
class Firstred\PostNL\Service\TimeframeService
```

Parent *Firstred\PostNL\Service\AbstractCacheableService*

Implements *Firstred\PostNL\Service\TimeframeServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory, \$cache, \$ttl)*
- *public getTimeframes(\$getTimeframes)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties

protected static property Firstred\PostNL\Service\TimeframeService::\$requestBuilder

protected static property Firstred\PostNL\Service\TimeframeService::\$responseProcessor

Methods

```
public Firstred\PostNL\Service\TimeframeService::__construct($apiKey, $sandbox, $httpClient,
                                                             $requestFactory,
                                                             $streamFactory, $cache=null,
                                                             \DateInter-
                                                             val\DateTimeInterface|int
                                                             $ttl=null)
```

Parameters

- *\$apiKey* (ParagonIE\HiddenString\HiddenString)
- *\$sandbox* (bool)
- *\$httpClient* (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- *\$requestFactory* (Psr\Http\Message\RequestFactoryInterface)
- *\$streamFactory* (Psr\Http\Message\StreamFactoryInterface)
- *\$cache* (Psr\Cache\CacheItemPoolInterface | null)
- *\$ttl* (DateInterval | \DateTimeInterface | int | null)

```
public Firstred\PostNL\Service\TimeframeService::getTimeframes($getTimeframes)
```

Get timeframes via REST.

Parameters

- *\$getTimeframes* (*Firstred\PostNL\Entity\Request\GetTimeframes*)

Returns *\Firstred\PostNL\Entity\Response\ResponseTimeframes*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

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Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 1.0.0

public `Firstred\PostNL\Service\TimeframeService::setApiKey($apiKey)`

Parameters

- `$apiKey` (`ParagonIE\HiddenString\HiddenString`)

Returns `static`

Since 2.0.0

public `Firstred\PostNL\Service\TimeframeService::setSandbox($sandbox)`

Parameters

- `$sandbox` (`bool`)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\TimeframeService::setRequestFactory($requestFactory)
```

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\TimeframeService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

AbstractCacheableService

```
class Firstred\PostNL\Service\AbstractCacheableService
```

Class AbstractService.

Parent *Firstred\PostNL\Service\AbstractService*

Implements *Firstred\PostNL\Cache\CacheableServiceInterface*

Used traits *Firstred\PostNL\Clock\ClockAwareTrait*

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory, \$cache, \$ttl)*
- *public retrieveCachedResponseItem(\$cacheableRequestEntity)*
- *public cacheResponseItem(\$item)*
- *public removeCachedResponseItem(\$item)*
- *public getTtl()*
- *public setTtl(\$ttl)*
- *public getCache()*
- *public setCache(\$cache)*

Properties

protected static property Firstred\PostNL\Service\AbstractCacheableService::\$ttl

TTL for the cache.

`null` disables the cache

`int` is the TTL in seconds

Any `DateTime` will be used as the exact date/time at which to expire the data (auto calculate TTL)

A `DateInterval` can be used as well to set the TTL

Type int | \DateTimeInterface | \DateInterval | null

protected static property Firstred\PostNL\Service\AbstractCacheableService::\$cache

The [PSR-6](<https://www.php-fig.org/psr/psr-6/>) CacheItemPoolInterface.

Use a caching library that implements [PSR-6](<https://www.php-fig.org/psr/psr-6/>) and you'll be good to go

`null` disables the cache

Type \Psr\Cache\CacheItemPoolInterface | null

Methods

public Firstred\PostNL\Service\AbstractCacheableService::__construct(*\$apiKey*, *\$sandbox*, *\$httpClient*, *\$requestFactory*, *\$streamFactory*, *\$cache=null*, *\DateInterval|\DateTimeInterface|int* *\$ttl=null*)

Parameters

- *\$apiKey* (ParagonIE\HiddenString\HiddenString)
- *\$sandbox* (bool)
- *\$httpClient* (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- *\$requestFactory* (Psr\Http\Message\RequestFactoryInterface)
- *\$streamFactory* (Psr\Http\Message\StreamFactoryInterface)
- *\$cache* (Psr\Cache\CacheItemPoolInterface | null)
- *\$ttl* (DateInterval | \DateTimeInterface | int | null)

public Firstred\PostNL\Service\AbstractCacheableService::retrieveCachedResponseItem(*\$cacheableRequestE*)

Retrieve a cached item.

Parameters

- **\$cacheableRequestEntity** (*Firstred\PostNL\Cache\CacheableRequestEntityInterface*)

Returns \Psr\Cache\CacheItemInterface | null

Throws \Psr\Cache\InvalidArgumentException

Since 2.0.0

public Firstred\PostNL\Service\AbstractCacheableService::**cacheResponseItem**(\$item)

Cache an item.

Parameters

- **\$item** (Psr\Cache\CacheItemInterface)

Returns bool

Since 2.0.0

public Firstred\PostNL\Service\AbstractCacheableService::**removeCachedResponseItem**(\$item)

Delete an item from cache.

Parameters

- **\$item** (Psr\Cache\CacheItemInterface)

Returns bool

Throws \Psr\Cache\InvalidArgumentException

Since 2.0.0

public Firstred\PostNL\Service\AbstractCacheableService::**getTtl**()

Returns \DateInterval | \DateTimeInterface | int | null

Since 1.2.0

public Firstred\PostNL\Service\AbstractCacheableService::**setTtl**(\DateInterval|\DateTimeInterface|int|null \$ttl=null)

Parameters

- **\$ttl** (DateInterval | \DateTimeInterface | int | null)

Returns static

Since 1.2.0

public Firstred\PostNL\Service\AbstractCacheableService::**getCache**()

Returns \Psr\Cache\CacheItemPoolInterface | null

Since 1.2.0

public Firstred\PostNL\Service\AbstractCacheableService::**setCache**(\$cache=null)

Parameters

- **\$cache** (Psr\Cache\CacheItemPoolInterface | null)

Returns static

Since 1.2.0

ShippingStatusService

class Firstred\PostNL\Service\ShippingStatusService

Parent *Firstred\PostNL\Service\AbstractCacheableService*

Implements *Firstred\PostNL\Service\ShippingStatusServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory, \$cache, \$ttl)*
- *public currentStatus(\$currentStatus)*
- *public currentStatuses(\$currentStatuses)*
- *public completeStatus(\$completeStatus)*
- *public completeStatuses(\$completeStatuses)*
- *public getSignature(\$getSignature)*
- *public getSignatures(\$getSignatures)*
- *public getUpdatedShipments(\$customer, \$dateTimeFrom, \$dateTimeTo)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties

protected static property

Firstred\PostNL\Service\ShippingStatusService::\$requestBuilder

protected static property

Firstred\PostNL\Service\ShippingStatusService::\$responseProcessor

Methods

public Firstred\PostNL\Service\ShippingStatusService::__construct(*\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory, \$cache=null, \DateTimeInterval|\DateTimeInterface|int \$ttl=null*)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)
- **\$cache** (Psr\Cache\CacheItemPoolInterface | null)
- **\$ttl** (DateInterval | \DateTimeInterface | int | null)

```
public Firstred\PostNL\Service\ShippingStatusService::currentStatus(\Firstred\PostNL\Entity\Request\CurrentStatus $currentStatus)
```

Gets the current status.

This is a combi-function, supporting the following:

- CurrentStatus (by barcode):
 - Fill the Shipment->Barcode property. Leave the rest empty.
- CurrentStatusByReference:
 - Fill the Shipment->Reference property. Leave the rest empty.

Parameters

- **\$currentStatus** (*Firstred\PostNL\Entity\Request\CurrentStatus* | *Firstred\PostNL\Entity\Request\CurrentStatusByReference*)

Returns *Firstred\PostNL\Entity\Response\CurrentStatusResponse*

Throws *Firstred\PostNL\Exception\DeserializationException*

Throws *Firstred\PostNL\Exception\HttpClientException*

Throws *Firstred\PostNL\Exception\NotSupportedException*

Throws *Firstred\PostNL\Exception\InvalidArgumentException*

Throws *Psr\Cache\InvalidArgumentException*

Throws *Firstred\PostNL\Exception\ResponseException*

Throws *Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *Firstred\PostNL\Exception\DeserializationException*

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Throws *Firstred\PostNL\Exception\HttpClientException*

Throws *Firstred\PostNL\Exception\NotSupportedException*

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Throws `\Firstred\PostNL\Exception\ResponseException`
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Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 1.0.0

public `Firstred\PostNL\Service\ShippingStatusService::currentStatuses($currentStatuses)`

Get current statuses.

Parameters

- **\$currentStatuses** (`Firstred\PostNL\Entity\Request\CurrentStatus[]`)

Returns `Firstred\PostNL\Entity\Response\CurrentStatusResponse[]`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 1.2.0

```
public Firstred\PostNL\Service\ShippingStatusService::completeStatus(\Firstred\PostNL\Entity\Request\Com
    $completeStatus)
```

Gets the complete status.

This is a combi-function, supporting the following:

- CurrentStatus (by barcode):
 - Fill the Shipment->Barcode property. Leave the rest empty.
- CurrentStatusByReference:
 - Fill the Shipment->Reference property. Leave the rest empty.

Parameters

- **\$completeStatus** `(Firstred\PostNL\Entity\Request\CompleteStatusByReference | \Firstred\PostNL\Entity\Request\CompleteStatus)`

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponse`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

public `Firstred\PostNL\Service\ShippingStatusService::completeStatuses($completeStatuses)`

Get complete statuses REST.

Parameters

- **\$completeStatuses** (`Firstred\PostNL\Entity\Request\CompleteStatus[]` | `\Firstred\PostNL\Entity\Request\CompleteStatusByReference[]`)

Returns `\Firstred\PostNL\Entity\Response\CompleteStatusResponse[]`

Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
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Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

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Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.2.0

public `Firstred\PostNL\Service\ShippingStatusService::getSignature($getSignature)`

Gets the signature.

Parameters

- **\$getSignature** (`Firstred\PostNL\Entity\Request\GetSignature`)

Returns `\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Since 1.0.0

```
public Firstred\PostNL\Service\ShippingStatusService::getSignatures($getSignatures)
```

Get multiple signatures.

Parameters

- **\$getSignatures** (*Firstred\PostNL\Entity\Request\GetSignature[]*)

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature[]*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 1.2.0

```
public Firstred\PostNL\Service\ShippingStatusService::getUpdatedShipments($customer,
                                                                    $dateTime-
                                                                    From=null,
                                                                    $date-
                                                                    TimeTo=null)
```

Get updated shipments for customer REST.

Parameters

- **\$customer** (`\Firstred\PostNL\Entity\Customer`)
- **\$dateTimeFrom** (`DateTimeInterface` | null)
- **\$dateTimeTo** (`DateTimeInterface` | null)

Returns `\Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse[]`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\DeserializationException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Since 1.2.0

public Firstred\PostNL\Service\ShippingStatusService::setApiKey(*\$apiKey*)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingStatusService::setSandbox(*\$sandbox*)

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingStatusService::setRequestFactory(*\$requestFactory*)

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\ShippingStatusService::setStreamFactory(*\$streamFactory*)

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

LabellingService

class Firstred\PostNL\Service\LabellingService

Parent *Firstred\PostNL\Service\AbstractService*

Implements *Firstred\PostNL\Service\LabellingServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor\
ResponseProcessorSettersTrait*

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory)*
- *public generateLabel(\$generateLabel, \$confirm)*
- *public generateLabels(\$generateLabels)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties

protected static property Firstred\PostNL\Service\LabellingService::\$requestBuilder

protected static property Firstred\PostNL\Service\LabellingService::\$responseProcessor

private property Firstred\PostNL\Service\LabellingService::\$insuranceProductCodes

Methods

public Firstred\PostNL\Service\LabellingService::__construct(*\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory*)

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

public Firstred\PostNL\Service\LabellingService::generateLabel(*\$generateLabel, \$confirm=true*)

Generate a single barcode.

Parameters

- **\$generateLabel** (*Firstred\PostNL\Entity\Request\GenerateLabel*)
- **\$confirm** (bool)

Returns *\Firstred\PostNL\Entity\Response\GenerateLabelResponse*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
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Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
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Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

```
public Firstred\PostNL\Service\LabellingService::generateLabels($generateLabels)
```

Generate multiple labels at once.

Parameters

- **\$generateLabels** (array | string,array{0: \Firstred\PostNL\Entity\Request\GenerateBarcode, 1: bool}>)

Returns array | string,\Firstred\PostNL\Entity\Response\GenerateBarcodeResponse>

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\ApiException`

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Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\ApiException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Since 1.0.0

public Firstred\PostNL\Service\LabellingService::setApiKey(\$apiKey)

Parameters

- \$apiKey (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\LabellingService::setSandbox(\$sandbox)

Parameters

- \$sandbox (bool)

Returns static

Since 2.0.0

public Firstred\PostNL\Service\LabellingService::setRequestFactory(\$requestFactory)

Parameters

- \$requestFactory (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\LabellingService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

ConfirmingService

```
class Firstred\PostNL\Service\ConfirmingService
```

Parent *Firstred\PostNL\Service\AbstractService*

Implements *Firstred\PostNL\Service\ConfirmingServiceInterface*

Used traits *Firstred\PostNL\Service\ResponseProcessor*
ResponseProcessorSettersTrait

Summary

Methods

- *public __construct(\$apiKey, \$sandbox, \$httpClient, \$requestFactory, \$streamFactory)*
- *public confirmShipment(\$confirming)*
- *public confirmShipments(\$confirms)*
- *public setApiKey(\$apiKey)*
- *public setSandbox(\$sandbox)*
- *public setRequestFactory(\$requestFactory)*
- *public setStreamFactory(\$streamFactory)*

Properties

```
protected static property Firstred\PostNL\Service\ConfirmingService::$requestBuilder
```

```
protected static property
```

```
Firstred\PostNL\Service\ConfirmingService::$responseProcessor
```

Methods

```
public Firstred\PostNL\Service\ConfirmingService::__construct($apiKey, $sandbox,
                                                             $httpClient, $requestFactory,
                                                             $streamFactory)
```

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)
- **\$sandbox** (bool)
- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)
- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)
- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

```
public Firstred\PostNL\Service\ConfirmingService::confirmShipment($confirming)
```

Confirm a single shipment via REST.

Parameters

- **\$confirming** (*Firstred\PostNL\Entity\Request\Confirming*)

Returns *Firstred\PostNL\Entity\Response\ConfirmingResponseShipment*

Throws *Firstred\PostNL\Exception\CifDownException*

Throws *Firstred\PostNL\Exception\CifException*

Throws *Firstred\PostNL\Exception\HttpClientException*

Throws *Firstred\PostNL\Exception\ResponseException*

Throws *Firstred\PostNL\Exception\DeserializationException*

Throws *Firstred\PostNL\Exception\InvalidArgumentException*

Throws *Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *Firstred\PostNL\Exception\NotSupportedException*

Throws *Firstred\PostNL\Exception\CifDownException*

Throws *Firstred\PostNL\Exception\CifException*

Throws *Firstred\PostNL\Exception\HttpClientException*

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Throws *Firstred\PostNL\Exception\InvalidArgumentException*

Throws *Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *Firstred\PostNL\Exception\NotSupportedException*

Throws *Firstred\PostNL\Exception\CifDownException*

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Throws *Firstred\PostNL\Exception\HttpClientException*

Throws *Firstred\PostNL\Exception\ResponseException*

Throws *Firstred\PostNL\Exception\DeserializationException*

Throws *Firstred\PostNL\Exception\InvalidArgumentException*

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Since 1.0.0

public `Firstred\PostNL\Service\ConfirmService::confirmShipments($confirms)`

Confirm multiple shipments.

Parameters

- **\$confirms** (array) ['uuid' => Confirming, ...]

Returns array

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\DeserializationException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
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Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
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Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\DeserializationException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

public `Firstred\PostNL\Service\ConfirmingService::setApiKey($apiKey)`

Parameters

- **\$apiKey** (ParagonIE\HiddenString\HiddenString)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\ConfirmingService::setSandbox($sandbox)
```

Parameters

- **\$sandbox** (bool)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\ConfirmingService::setRequestFactory($requestFactory)
```

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Since 2.0.0

```
public Firstred\PostNL\Service\ConfirmingService::setStreamFactory($streamFactory)
```

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 2.0.0

Util

\Firstred\PostNL\Util

Classes

UUID

```
class Firstred\PostNL\Util\UUID
```

Class UUID.

Summary

Methods

- *public static generate()*

Methods

public static Firstred\PostNL\Util\UUID::**generate()**

Generate a v4 UUID in RFC 4122 format.

Returns string

RFPdi

class Firstred\PostNL\Util\RFPdi

Class RFPdi.

Parent setasign\Fpdi\Fpdi

Summary

Methods

- *public rotate(\$angle, \$x, \$y)*
- *public rotateClockWise()*
- *public rotateCounterClockWise()*
- *public _endpage()*

Properties

public static property Firstred\PostNL\Util\RFPdi::\$**angle**

Methods

public Firstred\PostNL\Util\RFPdi::**rotate**(\$angle, \$x=-1, \$y=-1)

public Firstred\PostNL\Util\RFPdi::**rotateClockWise**()

public Firstred\PostNL\Util\RFPdi::**rotateCounterClockWise**()

public Firstred\PostNL\Util\RFPdi::**_endpage**()

Util

class Firstred\PostNL\Util\Util

Class Util.

Summary

Methods

- `public static urlEncode($arr, $prefix)`
- `public static getPdfSizeAndOrientation($pdf)`
- `public static getDeliveryDate($deliveryDate, $mondayDelivery, $sundayDelivery)`
- `public static getShippingDate($deliveryDate, $days)`
- `public static getShippingDaysRemaining($shippingDate, $preferredDeliveryDate)`
- `protected static getHolidaysForYear($year)`
- `public static compareGuzzleVersion($a, $b)`
- `public static isAssociativeArray($array)`

Constants

ERROR_MARGIN = 2

Methods

public static Firstred\PostNL\Util\Util::**urlEncode**(\$arr, \$prefix=null)

Parameters

- **\$arr** (array) a map of param keys to values
- **\$prefix** (string | null)

Returns string a querystring, essentially

Since 1.0.0

Deprecated 2.0.0

public static Firstred\PostNL\Util\Util::**getPdfSizeAndOrientation**(\$pdf)

Parameters

- **\$pdf** (string) Raw PDF string

Returns array | false | string Returns an array with the dimensions or ISO size and orientation
The orientation is in FPDF format, so L for Landscape and P for Portrait Sizes are in mm

Since 1.0.0

public static Firstred\PostNL\Util\Util::**getDeliveryDate**(\$deliveryDate,
\$mondayDelivery=false,
\$sundayDelivery=false)

Offline delivery date calculation.

Parameters

- **\$deliveryDate** (string) Delivery date in any format accepted by DateTime
- **\$mondayDelivery** (bool) Sunday sorting/Monday delivery enabled
- **\$sundayDelivery** (bool) Sunday delivery enabled

Returns string (format: `Y-m-d H:i:s`)

Throws `\Exception`

Since 1.0.0

```
public static Firstred\PostNL\Util\Util::getShippingDate( $deliveryDate, $days=[0 => false,
                                                         1 => true, 2 => true, 3 => true, 4
                                                         => true, 5 => true, 6 => true])
```

Offline shipping date calculation.

Parameters

- **\$deliveryDate** (string)
- **\$days** (array)

Returns string

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.0.0

```
public static Firstred\PostNL\Util\Util::getShippingDaysRemaining($shippingDate,
                                                                    $preferredDeliveryDate)
```

Calculates amount of days remaining

i.e. preferred delivery date the day tomorrow => today = 0

i.e. preferred delivery date the day after tomorrow => today + tomorrow = 1

i.e. preferred delivery date the day after tomorrow, but one holiday => today + holiday = 0.

0 means: should ship today

< 0 means: should've shipped in the past

anything higher means: you've got some more time

Parameters

- **\$shippingDate** (string) Shipping date (format: *Y-m-d H:i:s*)
- **\$preferredDeliveryDate** (string) Customer preference

Returns int

Throws `\Exception`

Since 1.0.0

```
protected static Firstred\PostNL\Util\Util::getHolidaysForYear($year)
```

Get an array with all Dutch holidays for the given year.

Parameters

- **\$year** (string)

Returns array Credits to @tvlooy (<https://gist.github.com/tvlooy/1894247>)

Since 1.0.0

```
public static Firstred\PostNL\Util\Util::compareGuzzleVersion(int|float|string $a,  
                                                             int|float|string $b)
```

Parameters

- **\$a** (*int | float | string*)
- **\$b** (*int | float | string*)

Returns *int***Since** 1.0.0

```
public static Firstred\PostNL\Util\Util::isAssociativeArray($array)
```

Check if the given array is associative.

Parameters

- **\$array** (*array*)

Returns *bool***Since** 2.0.0

DummyLogger

```
class Firstred\PostNL\Util\DummyLogger
```

Class DummyLogger.

Implements *Psr\Log\LoggerInterface*

Summary

Methods

- *public emergency(\$message, \$context)*
- *public alert(\$message, \$context)*
- *public critical(\$message, \$context)*
- *public error(\$message, \$context)*
- *public warning(\$message, \$context)*
- *public notice(\$message, \$context)*
- *public info(\$message, \$context)*
- *public debug(\$message, \$context)*
- *public log(\$level, \$message, \$context)*

Methods

public Firstred\PostNL\Util\DummyLogger::**emergency**(*string*|\Stringable \$message, \$context=[])

System is unusable.

Parameters

- **\$message** (*string* | \Stringable)
- **\$context** (*array*)

Returns void

public Firstred\PostNL\Util\DummyLogger::**alert**(*string*|\Stringable \$message, \$context=[])

Action must be taken immediately.

Example: Entire website down, database unavailable, etc. This should trigger the SMS alerts and wake you up.

Parameters

- **\$message** (*string* | \Stringable)
- **\$context** (*array*)

Returns void

public Firstred\PostNL\Util\DummyLogger::**critical**(*string*|\Stringable \$message, \$context=[])

Critical conditions.

Example: Application component unavailable, unexpected exception.

Parameters

- **\$message** (*string* | \Stringable)
- **\$context** (*array*)

Returns void

public Firstred\PostNL\Util\DummyLogger::**error**(*string*|\Stringable \$message, \$context=[])

Runtime errors that do not require immediate action but should typically be logged and monitored.

Parameters

- **\$message** (*string* | \Stringable)
- **\$context** (*array*)

Returns void

public Firstred\PostNL\Util\DummyLogger::**warning**(*string*|\Stringable \$message, \$context=[])

Exceptional occurrences that are not errors.

Example: Use of deprecated APIs, poor use of an API, undesirable things that are not necessarily wrong.

Parameters

- **\$message** (string | \Stringable)
- **\$context** (array)

Returns void

```
public Firstred\PostNL\Util\DummyLogger::notice(string|\Stringable $message, $context=[])
```

Normal but significant events.

Parameters

- **\$message** (string | \Stringable)
- **\$context** (array)

Returns void

```
public Firstred\PostNL\Util\DummyLogger::info(string|\Stringable $message, $context=[])
```

Interesting events.

Example: User logs in, SQL logs.

Parameters

- **\$message** (string | \Stringable)
- **\$context** (array)

Returns void

```
public Firstred\PostNL\Util\DummyLogger::debug(string|\Stringable $message, $context=[])
```

Detailed debug information.

Parameters

- **\$message** (string | \Stringable)
- **\$context** (array)

Returns void

```
public Firstred\PostNL\Util\DummyLogger::log( $level, string|\Stringable $message, $context=[])
```

Logs with an arbitrary level.

Parameters

- **\$level** (mixed)
- **\$message** (string | \Stringable)

- **\$context** (array)

Returns void

Throws \Psr\Log\InvalidArgumentException

1.14.2 Classes

PostNL

class Firstred\PostNL\PostNL

Class PostNL.

Implements Psr\Log\LoggerAwareInterface

Summary

Methods

- *public __construct(\$customer, \$apiKey, \$sandbox)*
- *public setApiKey(\$apiKey)*
- *public getCustomer()*
- *public setCustomer(\$customer)*
- *public getSandbox()*
- *public setSandbox(\$sandbox)*
- *public getHttpClient()*
- *public setHttpClient(\$httpClient)*
- *public getLogger()*
- *public setLogger(\$logger)*
- *public resetLogger()*
- *public getRequestFactory()*
- *public setRequestFactory(\$requestFactory)*
- *public getResponseFactory()*
- *public setResponseFactory(\$responseFactory)*
- *public getStreamFactory()*
- *public setStreamFactory(\$streamFactory)*
- *public getBarcodeService()*
- *public setBarcodeService(\$service)*
- *public getLabellingService()*
- *public setLabellingService(\$service)*
- *public getConfirmingService()*
- *public setConfirmingService(\$service)*
- *public getShippingStatusService()*

- `public setShippingStatusService($service)`
- `public getDeliveryDateService()`
- `public setDeliveryDateService($service)`
- `public getTimeframeService()`
- `public setTimeframeService($service)`
- `public getLocationService()`
- `public setLocationService($service)`
- `public getShippingService()`
- `public setShippingService($service)`
- `public generateBarcode($type, $range, $serie, $seps)`
- `public generateBarcodeByCountryCode($iso)`
- `public generateBarcodesByCountryCodes($isos)`
- `public sendShipment($shipment, $printertype, $confirm)`
- `public sendShipments($shipments, $printertype, $confirm, $merge, $format, $positions, $a60Orientation)`
- `public generateLabel($shipment, $printertype, $confirm)`
- `public generateLabels($shipments, $printertype, $confirm, $merge, $format, $positions, $a60Orientation)`
- `public confirmShipment($shipment)`
- `public confirmShipments($shipments)`
- `public getShippingStatusByBarcode($barcode, $complete)`
- `public getShippingStatusesByBarcodes($barcodes, $complete)`
- `public getShippingStatusByReference($reference, $complete)`
- `public getShippingStatusesByReferences($references, $complete)`
- `public getUpdatedShipments($dateTimeFrom, $dateTimeTo)`
- `public getSignatureByBarcode($barcode)`
- `public getSignaturesByBarcodes($barcodes)`
- `public getDeliveryDate($getDeliveryDate)`
- `public getSentDate($getSentDate)`
- `public getTimeframes($getTimeframes)`
- `public getNearestLocations($getNearestLocations)`
- `public getTimeframesAndNearestLocations($getTimeframes, $getNearestLocations, $getDeliveryDate)`
- `public getLocationsInArea($getLocationsInArea)`
- `public getLocation($getLocation)`
- `public findBarcodeSerie($type, $range, $seps)`

Properties

public property Firstred\PostNL\PostNL::\$threeSCountries

3S (or EU Pack Special) countries.

Type list

public property Firstred\PostNL\PostNL::\$a6positions

A6 positions

(index = amount of a6 left on the page).

Type array{1: array{int, int}, 2: array{int, int}, 3:
array{int, int}, 4: array{int, int}}

protected static property Firstred\PostNL\PostNL::\$apiKey

Type \ParagonIE\HiddenString\HiddenString

protected static property Firstred\PostNL\PostNL::\$customer

Type \Firstred\PostNL\Entity\Customer

protected static property Firstred\PostNL\PostNL::\$sandbox

Type bool

protected static property Firstred\PostNL\PostNL::\$httpClient

Type \Firstred\PostNL\HttpClient\HttpClientInterface

protected static property Firstred\PostNL\PostNL::\$logger

Type \Psr\Log\LoggerInterface

protected static property Firstred\PostNL\PostNL::\$requestFactory

Type \Psr\Http\Message\RequestFactoryInterface

protected static property Firstred\PostNL\PostNL::\$responseFactory

Type \Psr\Http\Message\ResponseFactoryInterface

protected static property Firstred\PostNL\PostNL::\$streamFactory

Type \Psr\Http\Message\StreamFactoryInterface

protected static property Firstred\PostNL\PostNL::\$barcodeService

Type \Firstred\PostNL\Service\BarcodeServiceInterface

protected static property Firstred\PostNL\PostNL::\$labellingService

Type \Firstred\PostNL\Service\LabellingServiceInterface

protected static property Firstred\PostNL\PostNL::\$confirmingService

Type \Firstred\PostNL\Service\ConfirmingServiceInterface

protected static property Firstred\PostNL\PostNL::\$shippingStatusService

Type \Firstred\PostNL\Service\ShippingStatusServiceInterface

protected static property Firstred\PostNL\PostNL::\$deliveryDateService

Type \Firstred\PostNL\Service\DeliveryDateServiceInterface

protected static property Firstred\PostNL\PostNL::\$timeframeService

```

    Type \Firstred\PostNL\Service\TimeframeServiceInterface
protected static property Firstred\PostNL\PostNL::$locationService
    Type \Firstred\PostNL\Service\LocationServiceInterface
protected static property Firstred\PostNL\PostNL::$shippingService
    Type \Firstred\PostNL\Service\ShippingServiceInterface
protected static property Firstred\PostNL\PostNL::$timeframeServiceRequestBuilder
protected static property Firstred\PostNL\PostNL::$locationServiceRequestBuilder
protected static property Firstred\PostNL\PostNL::$deliveryDateServiceRequestBuilder
protected static property Firstred\PostNL\PostNL::$timeframeServiceResponseProcessor
protected static property Firstred\PostNL\PostNL::$locationServiceResponseProcessor
protected static property
Firstred\PostNL\PostNL::$deliveryDateServiceResponseProcessor

```

Methods

```

public Firstred\PostNL\PostNL::__construct($customer,
                                           string|\ParagonIE\HiddenString\HiddenString
                                           $apiKey, $sandbox)

```

PostNL constructor.

Parameters

- **\$customer** (*Firstred\PostNL\Entity\Customer*) customer object
- **\$apiKey** (string | *\ParagonIE\HiddenString\HiddenString*) API key or UsernameToken object
- **\$sandbox** (bool) whether the testing environment should be used

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

```

public Firstred\PostNL\PostNL::setApiKey(\ParagonIE\HiddenString\HiddenString|string $apiKey)

```

Parameters

- **\$apiKey** (*ParagonIE\HiddenString\HiddenString* | string)

Returns static

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 2.0.0

```

public Firstred\PostNL\PostNL::getCustomer()

```

Get PostNL Customer.

Returns *\Firstred\PostNL\Entity\Customer*

Since 1.0.0

```

public Firstred\PostNL\PostNL::setCustomer($customer)

```

Set PostNL Customer.

Parameters

- **\$customer** (*Firstred\PostNL\Entity\Customer*)

Returns static

Since 1.0.0

public Firstred\PostNL\PostNL::**getSandbox()**

Get sandbox mode.

Returns bool

Since 1.0.0

public Firstred\PostNL\PostNL::**setSandbox**(\$sandbox)

Set sandbox mode.

Parameters

- **\$sandbox** (bool)

Returns static

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

public Firstred\PostNL\PostNL::**getHttpClient()**

HttpClient.

Automatically load Guzzle when available

Returns *\Firstred\PostNL\HttpClient\HttpClientInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

public Firstred\PostNL\PostNL::**setHttpClient**(\$httpClient)

Set the HttpClient.

Parameters

- **\$httpClient** (*Firstred\PostNL\HttpClient\HttpClientInterface*)

Returns static

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

Since 1.0.0

public Firstred\PostNL\PostNL::**getLogger()**

Get the logger.

Returns \Psr\Log\LoggerInterface

Since 1.0.0

```
public Firstred\PostNL\PostNL::setLogger($logger)
```

Set the logger.

Parameters

- **\$logger** (Psr\Log\LoggerInterface)

Returns void

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.0.0

```
public Firstred\PostNL\PostNL::resetLogger()
```

Set a dummy logger.

Returns static

Since 1.2.0

```
public Firstred\PostNL\PostNL::getRequestFactory()
```

Get PSR-7 Request factory.

Returns \Psr\Http\Message\RequestFactoryInterface

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

```
public Firstred\PostNL\PostNL::setRequestFactory($requestFactory)
```

Set PSR-7 Request factory.

Parameters

- **\$requestFactory** (Psr\Http\Message\RequestFactoryInterface)

Returns static

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Since 1.2.0

Since 1.2.0

Since 1.2.0

```
public Firstred\PostNL\PostNL::getResponseFactory()
```

Get PSR-7 Response factory.

Returns \Psr\Http\Message\ResponseFactoryInterface

Since 1.2.0

```
public Firstred\PostNL\PostNL::setResponseFactory($responseFactory)
```

Set PSR-7 Response factory.

Parameters

- **\$responseFactory** (Psr\Http\Message\ResponseFactoryInterface)

Returns static

Since 1.2.0

Since 1.2.0

Throws \Firstred\PostNL\Exception\InvalidArgumentException

```
public Firstred\PostNL\PostNL::getStreamFactory()
```

Set PSR-7 Stream factory.

Returns \Psr\Http\Message\StreamFactoryInterface

Since 1.2.0

```
public Firstred\PostNL\PostNL::setStreamFactory($streamFactory)
```

Set PSR-7 Stream factory.

Parameters

- **\$streamFactory** (Psr\Http\Message\StreamFactoryInterface)

Returns static

Since 1.2.0

Since 1.2.0

Since 1.2.0

Throws \Firstred\PostNL\Exception\InvalidArgumentException

```
public Firstred\PostNL\PostNL::getBarcodeService()
```

Barcode service.

Automatically load the barcode service

Returns \Firstred\PostNL\Service\BarcodeServiceInterface

Since 1.0.0

Throws \Firstred\PostNL\Exception\InvalidArgumentException

```
public Firstred\PostNL\PostNL::setBarcodeService($service)
```

Set the barcode service.

Parameters

- **\$service** (Firstred\PostNL\Service\BarcodeServiceInterface)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getLabellingService()
```

Labelling service.

Automatically load the labelling service

Returns *\Firstred\PostNL\Service\LabellingServiceInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

```
public Firstred\PostNL\PostNL::setLabellingService($service)
```

Set the labelling service.

Parameters

- **\$service** (*Firstred\PostNL\Service\LabellingServiceInterface*)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getConfirmingService()
```

Confirming service.

Automatically load the confirming service

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

```
public Firstred\PostNL\PostNL::setConfirmingService($service)
```

Set the confirming service.

Parameters

- **\$service** (*Firstred\PostNL\Service\ConfirmingServiceInterface*)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getShippingStatusService()
```

Shipping status service.

Automatically load the shipping status service

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.0.0

```
public Firstred\PostNL\PostNL::setShippingStatusService($service)
```

Set the shipping status service.

Parameters

- **\$service** (`Firstred\PostNL\Service\ShippingStatusServiceInterface`)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getDeliveryDateService()
```

Delivery date service.

Automatically load the delivery date service

Returns `\Firstred\PostNL\Service\DeliveryDateServiceInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.0.0

```
public Firstred\PostNL\PostNL::setDeliveryDateService($service)
```

Set the delivery date service.

Parameters

- **\$service** (`Firstred\PostNL\Service\DeliveryDateServiceInterface`)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getTimeframeService()
```

Timeframe service.

Automatically load the timeframe service

Returns `\Firstred\PostNL\Service\TimeframeServiceInterface`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Since 1.0.0

```
public Firstred\PostNL\PostNL::setTimeframeService($service)
```

Set the timeframe service.

Parameters

- **\$service** (*Firstred\PostNL\Service\TimeframeServiceInterface*)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getLocationService()
```

Location service.

Automatically load the location service

Returns *\Firstred\PostNL\Service\LocationServiceInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

```
public Firstred\PostNL\PostNL::setLocationService($service)
```

Set the location service.

Parameters

- **\$service** (*Firstred\PostNL\Service\LocationServiceInterface*)

Returns static

Since 1.0.0

Since 1.0.0

```
public Firstred\PostNL\PostNL::getShippingService()
```

Shipping service.

Automatically load the shipping service

Returns *\Firstred\PostNL\Service\ShippingServiceInterface*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.2.0

```
public Firstred\PostNL\PostNL::setShippingService($service)
```

Set the shipping service.

Parameters

- **\$service** (*Firstred\PostNL\Service\ShippingServiceInterface*)

Returns static

Since 1.2.0

Since 1.2.0

```
public Firstred\PostNL\PostNL::generateBarcode($type='3S', $range=null, $serie=null,
                                                $seps=false)
```

Generate a single barcode.

Parameters

- **\$type** (string)
- **\$range** (string | null)
- **\$serie** (string | null)
- **\$seps** (bool)

Returns string

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Since 1.0.0

public Firstred\PostNL\PostNL::**generateBarcodeByCountryCode**(\$iso)

Generate a single barcode by country code.

Parameters

- **\$iso** (string) 2-letter Country ISO Code

Returns string The Barcode as a string

Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

public Firstred\PostNL\PostNL::generateBarcodesByCountryCodes(\$isos)

Generate a single barcode by country code.

Parameters

- \$isos (array) key = iso code, value = amount of barcodes requested

Returns array Country isos with the barcodes as string

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidBarcodeException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidBarcodeException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidBarcodeException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidBarcodeException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`
Throws `\Firstred\PostNL\Exception\InvalidConfigurationException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

```
public Firstred\PostNL\PostNL::sendShipment($shipment, $printertype='GraphicFile|PDF',  
                                           $confirm=true)
```

Send a single shipment.

Parameters

- **\$shipment** (`Firstred\PostNL\Entity\Shipment`)
- **\$printertype** (string)
- **\$confirm** (bool)

Returns `\Firstred\PostNL\Entity\Response\SendShipmentResponse`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.2.0

```

public Firstred\PostNL\PostNL::sendShipments( $shipments, $printertype='\GraphicFile\PDF',
                                              $confirm=true, $merge=false,
                                              $format=Label::FORMAT_A4, $positions=[1 =>
true, 2 => true, 3 => true, 4 => true],
                                              $a6Orientation='P')
  
```

Send multiple shipments.

Parameters

- **\$shipments** (`Firstred\PostNL\Entity\Shipment[]`) Array of shipments
- **\$printertype** (string) Printer type, see PostNL dev docs for

available types * **\$confirm** (bool) Immediately confirm the shipments * **\$merge** (bool) Merge the PDFs and return them in a MyParcel way * **\$format** (int) A4 or A6 * **\$positions** (array{1: bool, 2: bool, 3: bool, 4: bool}) Set the positions of the A6s on the first A4 The indices should be the position number, marked with *true* or *false* These are the position numbers: ` +-+-+ |2|4| +--+ |1|3| +-+-+ ` So, for ` +-+-+ |x|✓|

+-+-+ |✓|x| +---+ ` you would have to pass: `php [1 => true, 2 => false, 3
=> false, 4 => true,] ` * \$a6Orientation (string) A6 orientation (P or L)

Returns *\Firstred\PostNL\Entity\Response\SendShipmentResponse* | string

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException*

Throws *\setasign\Fpdi\PdfParser\Filter\FilterException*

Throws *\setasign\Fpdi\PdfParser\PdfParserException*

Throws *\setasign\Fpdi\PdfParser\Type\PdfTypeException*

Throws *\setasign\Fpdi\PdfReader\PdfReaderException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException*

Throws *\setasign\Fpdi\PdfParser\Filter\FilterException*

Throws *\setasign\Fpdi\PdfParser\PdfParserException*

Throws *\setasign\Fpdi\PdfParser\Type\PdfTypeException*

Throws *\setasign\Fpdi\PdfReader\PdfReaderException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException*

Throws *\setasign\Fpdi\PdfParser\Filter\FilterException*

Throws *\setasign\Fpdi\PdfParser\PdfParserException*

Throws *\setasign\Fpdi\PdfParser\Type\PdfTypeException*

Throws *\setasign\Fpdi\PdfReader\PdfReaderException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`
Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`
Throws `\setasign\Fpdi\PdfParser\PdfParserException`
Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`
Throws `\setasign\Fpdi\PdfReader\PdfReaderException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Since 1.2.0

```
public Firstred\PostNL\PostNL::generateLabel($shipment, $printertype='GraphicFile\PDF',  
                                             $confirm=true)
```

Generate a single label.

Parameters

- **\$shipment** (`Firstred\PostNL\Entity\Shipment`)
- **\$printertype** (string)
- **\$confirm** (bool)

Returns `\Firstred\PostNL\Entity\Response\GenerateLabelResponse`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

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Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Since 1.0.0

```
public Firstred\PostNL\PostNL::generateLabels( $shipments, $printertype='GraphicFile\PDF',
                                                $confirm=true, $merge=false,
                                                $format=Label::FORMAT_A4, $positions=[1 =>
true, 2 => true, 3 => true, 4 => true],
                                                $a6Orientation='P')
```

Generate or retrieve multiple labels.

Note that instead of returning a `GenerateLabelResponse` this function can merge the labels and return a string which contains the PDF with the merged pages as well.

Parameters

- **\$shipments** (`Firstred\PostNL\Entity\Shipment[]`) (key = ID) Shipments
- **\$printertype** (string) Printer type, see PostNL dev docs for available types
- **\$confirm** (bool) Immediately confirm the shipments
- **\$merge** (bool) Merge the PDFs and return them in a MyParcel way
- **\$format** (int) A4 or A6
- **\$positions** (array) Set the positions of the A6s on the first A4

The indices should be the position number, marked with *true* or *false*. These are the position numbers: `` +-+-+ |2|4| +-+-+ |1|3| +-+-+ `` So, for `` +-+-+ |x|✓| +-+-+ |✓|x| +-+-+ `` you would have to pass: ``php [1 => true, 2 => false, 3 => false, 4 => true,] `` * **\$a6Orientation** (string) A6 orientation (P or L)

Returns `\Firstred\PostNL\Entity\Response\GenerateLabelResponse[]` | string
Throws `\Firstred\PostNL\Exception\PostNLException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`
Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`
Throws `\setasign\Fpdi\PdfParser\PdfParserException`
Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\PostNLException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\PostNLException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\setasign\Fpdi\PdfParser\CrossReference\CrossReferenceException`

Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`

Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

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Throws `\setasign\Fpdi\PdfParser\PdfParserException`

Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`

Throws `\setasign\Fpdi\PdfReader\PdfReaderException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws \Psr\Cache\InvalidArgumentException

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Throws \setasign\Fpdi\PdfReader\PdfReaderException

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Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws `\setasign\Fpdi\PdfParser\Filter\FilterException`
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Throws `\setasign\Fpdi\PdfReader\PdfReaderException`
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Throws `\setasign\Fpdi\PdfParser\Type\PdfTypeException`
Throws `\setasign\Fpdi\PdfReader\PdfReaderException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

public `Firstred\PostNL\PostNL::confirmShipment($shipment)`

Confirm a single shipment.

Parameters

- **\$shipment** (`Firstred\PostNL\Entity\Shipment`)

Returns `Firstred\PostNL\Entity\Response\ConfirmingResponseShipment`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

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Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 1.0.0

```
public Firstred\PostNL\PostNL::confirmShipments($shipments)
```

Confirm multiple shipments.

Parameters

- **\$shipments** (array)

Returns `\Firstred\PostNL\Entity\Response\ConfirmingResponseShipment[]`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Since 1.0.0

public Firstred\PostNL\PostNL::getShippingStatusByBarcode(\$barcode, \$complete=false)

Get the current status of the given shipment by barcode.

Parameters

- **\$barcode** (string) Pass a single barcode
- **\$complete** (bool) Return the complete status (incl. shipment history)

Returns *\Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment* | *\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

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Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

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Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Since 1.2.0


```
public Firstred\PostNL\PostNL::getShippingStatusesByBarcodes($barcodes, $complete=false)
```

Get the current statuses of the given shipments by barcodes.

Parameters

- **\$barcodes** (string[]) Pass multiple barcodes
- **\$complete** (bool) Return the complete status (incl. shipment history)

Returns array | \Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment>

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Since 1.2.0

```
public Firstred\PostNL\PostNL::getShippingStatusByReference($reference, $complete=false)
```

Get the current status of the given shipment by reference.

Parameters

- **\$reference** (string) Pass a single reference

- **\$complete** (bool) Return the complete status (incl. shipment history)

Returns `\Firstred\PostNL\Entity\Response\CurrentStatusResponseShipment` | `\Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Since 1.2.0

public Firstred\PostNL\PostNL::getShippingStatusesByReferences(\$references, \$complete=false)

Get the current statuses of the given shipments by references.

Parameters

- **\$references** (string[]) Pass multiple references
- **\$complete** (bool) Return the complete status (incl. shipment history)

Returns array | \Firstred\PostNL\Entity\Response\CompleteStatusResponseShipment>

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.2.0

public *Firstred\PostNL\PostNL::getUpdatedShipments(\$dateTimeFrom=null, \$dateTimeTo=null)*

Get updated shipments.

Parameters

- **\$dateTimeFrom** (DateTimeInterface | null)
- **\$dateTimeTo** (DateTimeInterface | null)

Returns *\Firstred\PostNL\Entity\Response\UpdatedShipmentsResponse[]*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.2.0

public Firstred\PostNL\PostNL::getSignatureByBarcode(\$barcode)

Get the signature of a shipment.

Parameters

- **\$barcode** (string)

Returns *\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\CifDownException`
Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.2.0

public `Firstred\PostNL\PostNL::getSignaturesByBarcodes($barcodes)`

Get the signature of a shipment.

Parameters

- `$barcodes` (string[])

Returns `\Firstred\PostNL\Entity\Response\GetSignatureResponseSignature[]`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 1.2.0

public Firstred\PostNL\PostNL::getDeliveryDate(*\$getDeliveryDate*)

Get a delivery date.

Parameters

- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns *\Firstred\PostNL\Entity\Response\GetDeliveryDateResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
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Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.0.0

public Firstred\PostNL\PostNL::getSentDate(*\$getSentDate*)

Get a shipping date.

Parameters

- **\$getSentDate** (*Firstred\PostNL\Entity\Request\GetSentDateRequest*)

Returns *\Firstred\PostNL\Entity\Response\GetSentDateResponse*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

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Throws `\Psr\Cache\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.0.0

public Firstred\PostNL\PostNL::getTimeframes(*\$getTimeframes*)

Get timeframes.

Parameters

- **\$getTimeframes** (*Firstred\PostNL\Entity\Request\GetTimeframes*)

Returns *\Firstred\PostNL\Entity\Response\ResponseTimeframes*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
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Throws *\Firstred\PostNL\Exception\NotFoundException*

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Throws *\Firstred\PostNL\Exception\NotSupportedException*

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Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

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Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

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Throws *\Firstred\PostNL\Exception\NotFoundException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Since 1.0.0

public Firstred\PostNL\PostNL::getNearestLocations(*\$getNearestLocations*)

Get nearest locations.

Parameters

- **\$getNearestLocations** (*Firstred\PostNL\Entity\Request\GetNearestLocations*)

Returns *\Firstred\PostNL\Entity\Response\GetNearestLocationsResponse*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

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Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Throws `\Firstred\PostNL\Exception\CifDownException`

Throws `\Firstred\PostNL\Exception\CifException`

Throws `\Firstred\PostNL\Exception\HttpClientException`

Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

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Throws `\Firstred\PostNL\Exception\NotSupportedException`

Throws `\Firstred\PostNL\Exception\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\NotFoundException`

Throws `\Psr\Cache\InvalidArgumentException`

Throws `\Firstred\PostNL\Exception\ResponseException`

Since 1.0.0

```
public Firstred\PostNL\PostNL::getTimeframesAndNearestLocations($getTimeframes,  
                                                                $getNearestLocations,  
                                                                $getDeliveryDate)
```

All-in-one function for checkout widgets. It retrieves and returns the

- timeframes
- locations
- delivery date.

Parameters

- **\$getTimeframes** (*Firstred\PostNL\Entity\Request\GetTimeframes*)
- **\$getNearestLocations** (*Firstred\PostNL\Entity\Request\GetNearestLocations*)
- **\$getDeliveryDate** (*Firstred\PostNL\Entity\Request\GetDeliveryDate*)

Returns array{timeframes: \Firstred\PostNL\Entity\Response\ResponseTimeframes, locations: \Firstred\PostNL\Entity\Response\GetNearestLocationsResponse, delivery_date: \Firstred\PostNL\Entity\Response\GetDeliveryDateResponse}

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\ApiException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Throwable

Throws \Firstred\PostNL\Exception\CifDownException

Throws \Firstred\PostNL\Exception\CifException

Throws \Firstred\PostNL\Exception\ApiException

Throws \Firstred\PostNL\Exception\DeserializationException

Throws \Firstred\PostNL\Exception\HttpClientException

Throws \Firstred\PostNL\Exception\InvalidArgumentException

Throws \Firstred\PostNL\Exception\InvalidConfigurationException

Throws \Firstred\PostNL\Exception\NotSupportedException

Throws \Psr\Cache\InvalidArgumentException

Throws \Firstred\PostNL\Exception\ResponseException

Throws \Throwable

Throws \Firstred\PostNL\Exception\CifDownException

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Throwable*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\ApiException*

Throws *\Firstred\PostNL\Exception\DeserializationException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Throwable*

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Throws *\Firstred\PostNL\Exception\ApiException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*

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Throws *\Firstred\PostNL\Exception\ResponseException*

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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\InvalidConfigurationException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Throws *\Throwable*
Since 1.0.0

public Firstred\PostNL\PostNL::getLocationsInArea(*\$getLocationsInArea*)

Get locations in area.

Parameters

- ***\$getLocationsInArea*** (*Firstred\PostNL\Entity\Request\GetLocationsInArea*)

Returns *\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

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Throws *\Psr\Cache\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

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Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

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Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

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Throws *\Firstred\PostNL\Exception\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\NotFoundException*
Throws *\Psr\Cache\InvalidArgumentException*
Throws *\Firstred\PostNL\Exception\ResponseException*
Since 1.0.0

public Firstred\PostNL\PostNL::getLocation(*\$getLocation*)

Get locations in area.

Parameters

- **\$getLocation** (*Firstred\PostNL\Entity\Request\GetLocation*)

Returns *\Firstred\PostNL\Entity\Response\GetLocationsInAreaResponse*
Throws *\Firstred\PostNL\Exception\CifDownException*
Throws *\Firstred\PostNL\Exception\CifException*
Throws *\Firstred\PostNL\Exception\HttpClientException*
Throws *\Firstred\PostNL\Exception\NotSupportedException*
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Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws *\Firstred\PostNL\Exception\CifException*

Throws *\Firstred\PostNL\Exception\HttpClientException*

Throws *\Firstred\PostNL\Exception\NotSupportedException*

Throws *\Firstred\PostNL\Exception\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\NotFoundException*

Throws *\Psr\Cache\InvalidArgumentException*

Throws *\Firstred\PostNL\Exception\ResponseException*

Throws *\Firstred\PostNL\Exception\CifDownException*

Throws `\Firstred\PostNL\Exception\CifException`
Throws `\Firstred\PostNL\Exception\HttpClientException`
Throws `\Firstred\PostNL\Exception\NotSupportedException`
Throws `\Firstred\PostNL\Exception\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\NotFoundException`
Throws `\Psr\Cache\InvalidArgumentException`
Throws `\Firstred\PostNL\Exception\ResponseException`
Since 1.0.0

public Firstred\PostNL\PostNL::findBarcodeSerie(\$type, \$range, \$seps)

Find a suitable serie for the barcode.

Parameters

- **\$type** (string)
- **\$range** (string)
- **\$seps** (bool) Indicates whether it is an EPS Shipment

Returns string

Throws `\Firstred\PostNL\Exception\InvalidBarcodeException`

Since 1.0.0

1.15 Authors

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- Michael Dekker <git@michaeldekker.nl> (maintainer)

Looking for maintainers! If you'd like to help keep this library up to date please send an email to git@michaeldekker.nl

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