

SMM WEB SERVICE

DROPOFF LOCATOR API

The information in this document is subject to change without notice.

This document contains information protected by copyright. No part of this document may be photocopied or reproduced in any form without prior written consent from San Marino Mail Italia Srl.

@Copyright 2020 San Marino Mail Italia.
All rights reserved.

Date Revised: Mon, 30 March 2020

Document purpose

This document briefly describes how to interact with SMM Drop-off locator API. Also are described the operations (i.e. methods) that are exposed and response messages

API description

The API offers a single operation that returns a JSON list of drop off locations near the zip code used in the search. The country list in version 1.1 is:

- Germany (DE)
- Great Britain (GB or UK)
- France (FR)
- Spain (ES)

The arguments (all mandatory) list is:

- country
- postalCode

In the POST and GET versions there are different authentication methods and will be explained.

The test credentials are:

- user: test
- key: testSMM

The test credentials are valid for both POST and GET method.

Invoking API using POST method

In order to be able to use the POST method the basic HTTP authentication must be used in the header.

The HTTPS url is:

<https://services.sanmarinomail.it/SMMDropOffWebService/DropOffResearcher>

The 2 mandatory arguments (country and postalCode) can be included in the header or in the queryString as the preferred by user.

Invoking API using GET method

To be able to use the GET method (less secure than POST version) the user must communicate the IP (or a list of IP) that are allowed and the credentials must be send in the queryString.

The credentials must be set as mandatory arguments

- user
- key

The HTTPS url is the same as in the POST version:

<https://services.sanmarinomail.it/SMMDropOffWebService/DropOffResearcher>

Here is a test link for a sample search in UK for postcode L1 208JQ:

<https://services.sanmarinomail.it/SMMDropOffWebService/DropOffResearcher?user=test&key=testSMM&country=UK&postalCode=L1%208JQ>

API Response example

An example of JSON API response (a reduced version of the one that can be obtained from the test link indicated above) is showed below:

```
[
  {
    "id": "10079",
    "name": "Post Office Ltd",
    "addressToView": "1-3 South John Street|L18BN - Liverpool",
    "address": "1-3 South John Street|L18BN|Liverpool|UK",
    "latitude": "53.40498",
    "longitude": "-2.9879",
    "detail": "",
    "country": "UK"
  },
  {
    "id": "10080",
    "name": "Post Office Ltd",
    "addressToView": "Unit 6 Lewiss Building|L12SA - Liverpool",
    "address": "Unit 6 Lewiss Building|L12SA|Liverpool|UK",
    "latitude": "53.4046",
    "longitude": "-2.9783",
    "detail": "",
    "country": "UK"
  }
]
```

the JSON RESPONSE is an array of objects.

The id field is the information that needs to be used in the delivery address field when requesting a dropoff label in the SMM web service.