SMM WEB SERVICE

DROPOFF LOCATOR API

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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 available country list is:

- Germany (DE)
- France (FR)
- Spain (ES)
- Italy (IT)

The arguments list is:

- Country (mandatory)
- PostalCode (mandatory)
- Dropoff type (optional)
- Carrier (optional)
- City (optional)
- Address (optional)

To be able to use the dropoff locator service a valid token is needed.

Every data passed and received with the web-service is based on headers values and JSON strings and everything need to be passed with POST method.

Generate Token

This function allows with valid credentials (http basic authorization) to gain a valid token usable with the other operations.
To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- Authorization: Basic (USERNAME:PASSWORD base 64 encoded)
- forcenew: true (default false)

If forcenew is set to true the token will be rigenerated otherwise the service return the active one if exists.

The URL is: https://ws3.sanmarinomail.it/SmmWs3/token

curl example :

curl -H "Accept: application/json" -H "Authorization: Basic YWxhZGRpbjpvcGVuc2VzYW1l" -H "forcenew: false" -X POST https://ws3.sanmarinomail.it/SmmWs3/token

response examples:

error:
{

"errorDescription": "Username or Password Not Valid",
"errorCode": 3001,
"status": -1
}
success:
{

"token": "{token}d87bb9c6-25fa-4035-ae90-c515554f3cf2",
"status": 0
}

A successful response must return a status field = 0;

The token obtained is valid for 24 hours.

Dropoff locator API

Locator Method:

To be able to use the web service is mandatory to add some headers in the call; these headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

If any of the listed mandatory headers is missing an error will be sent and no error label will be generated.

Here's a list of all arguments (to be passed in the json onbject "shipment"):

	NAME	DESCRIPTION	TYPE	MAX LENGTH	MANDA TORY
1	Country	Country	T	2	Y
2	PostalCode	PostalCode	T	10	Y
3	Type	Dropoff type Available options: shop/postoffice/locker Multiple option can be used by separating multiple values by comma	T	20	N
4	Carrier	Carrier code Available options: PDB, BRT, MR, INPOST, GLS Multiple option can be used by separating multiple values by comma	T	20	N
5	City	Address city	T	50	N
6	Address	Address	T	50	N

Here is a JSON request example:

```
{
        "Country": "IT",
        "PostalCode": "20125"
}
```

The URL is: https://ws3.sanmarinomail.it/SmmDropoffLocator/locate

curl example :

curl -H "Accept: application/json" -H "token: dddddddddddddddddddddd" -H "username: testuser" -d '{ "Country": "IT", "PostalCode": "20125" }' -X POST https://ws3.sanmarinomail.it/SmmDropoffLocator/locate

response examples (array of objects.):

```
[
        {
          "id": "IT-PDB-FMP-38490",
          "Carrier": "PDB",
          "Type": "locker",
          "name": "Ufficio postale MILANO 72",
          "address": "VIA COMUNE ANTICO 7|20125|MILANO|IT",
          "latitude": "45.50225823",
          "longitude": "9.20948868",
           "detail": "Monday: 08:20-13:35, Tuesday: 08:20-13:35, Wednesday: 08:20-13:35,
        Thursday: 08:20-13:35, Friday: 08:20-13:35",
          "country": "IT"
         },
         {
          "id": "IT-PDB-FMP-38532",
          "Carrier": "PDB",
          "Type": "shop",
          "name": "Ufficio postale MILANO 87",
          "address": "VIALE EVARISTO STEFINI 12|20125|MILANO|IT",
          "latitude": "45.49653673",
          "longitude": "9.20242065",
           "detail": "Monday: 08:20-13:35, Tuesday: 08:20-13:35, Wednesday: 08:20-13:35,
        Thursday: 08:20-13:35, Friday: 08:20-13:35",
          "country": "IT"
         }
]
```

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

<u>Getinfo Method:</u>

To be able to use the web service is mandatory to add some headers in the call; these headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

If any of the listed mandatory headers is missing an error will be sent and no error label will be generated.

This method allow the user to get all the informations regarding a single Dropoff Point; the method expects ad a mandatory argument the dropoffid (string type)

	NAME	DESCRIPTION	TYPE	MAX LENGTH	MANDATORY
1	dropoffID	Dropoff id of the interested point	T	50	Y

Here is a JSON request example:

```
{
        "dropoffID": "IT-PDB-FMP-01046"
}
```

The URL is: https://ws3.sanmarinomail.it/SmmDropoffLocator/getinfo

curl example :

curl -H "Accept: application/json" -H "token: ddddddddddddddddddddddddd" -H "username: testuser"   -d   '{   "dropoffID":   "IT-PDB-FMP-01046"   }'   -X   POST https://ws3.sanmarinomail.it/SmmDropoffLocator/getinfo

response examples (json object):

```
{
        "id":"IT-PDB-FMP-01046",
        "country":"IT",
        "Type":"postoffice",
        "address":"VICOLO CASTELLO 1",
        "latitude":"44.84928385",
        "longitude":"8.87033261",
        "name":"Ufficio postale CARBONARA SCRIVIA",
        "Carrier":"PDB",
        "detail":"Monday:     08:20-13:45,     Tuesday:     08:20-13:45,     Wednesday
: 08:20-13:45, Thursday: 08:20-13:45, Friday: 08:20-13:45"
```

}