

GetData

07/25/2024 4:33 am EDT

Overview

The Get Data endpoint is used to retrieve additional information about an address. The additional data is customer specific.

Please read [API Overview](#) first.

API Endpoint

```
https://api.autoaddress.com/3.0/getdata
```

Request

To retrieve GetData results, a simple `GET` request from your desired language is all that is needed.

The request must be authenticated. Please see the [API Authentication](#) documentation for full details.

Note: This API is intended to be called by backend servers. To ensure this, it is necessary for the IP address of that server to be set in the Account Centre. This can be done by following the steps [here](#).

Input Fields

Name	Type	Description
token*	string	Access token from Create Token endpoint
addressId*	string	ID of the address
dataTypes	string[]	Names of the additional data objects to be returned

** Required Field*

Note: If no dataType is passed, the API will look to what dataTypes are set on the Integration on the Account Centre.

cURL

```
curl --location 'https://api.autoaddress.com/3.0/getdata?token=YOUR_TOKEN&addressId=ADDRESS_ID&dataType=YOUR_DATA_TYPE'
```

Response

The following is a sample JSON response returned for a Get Data API request.

```

{
  "type": "getdata",
  "message": {
    "id": 100,
    "language": "en",
    "value": "Address Data Found"
  },
  "addressId": "IE1900166318",
  "data": {},
  "links": [
    {
      "rel": "self",
      "href": "https://localhost:443/3.0/getdata?token=k9nmH5Exyzfao3ScZPDnblbpBCEXNsvrnhuIJKM%2F4oI3V85OoVt7z8V2MWFHuYaessbRLZYbD0iIFABGe2uVQ%3D%3D&addressId=IE1900166318&dataType=location",
      "title": "self"
    }
  ]
}

```

Output Fields

Name	Type	Description
type	string	Name of the response type
message	Message	A Message object (described below)
addressId	string	Address ID of the address
data	dynamic	Dynamic field containing customer specific data
links	Link[]	An array of Link objects (described below)

Message Object

Name	Type	Description
id	int	Message ID
language	string	Language of the message
value	string	Value of the message

Link Object

Name	Type	Description
rel	string	Type of link
href	string	The hyperlink the client should follow is stored in the value of this property
title	string	Display name of the link

Examples

jQuery

```
var settings = {
  "url": "https://api.autoaddress.com/3.0/getdata?token=YOUR_TOKEN&addressId=ADDRESS_ID&dataType=YOUR_DATA_TYPE",
  "method": "GET",
  "timeout": 0,
};

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

Ruby

```
require "uri"
require "net/http"

url = URI("https://api.autoaddress.com/3.0/getdata?token=YOUR_TOKEN&addressId=ADDRESS_ID&dataType=YOUR_DATA_TYPE")

https = Net::HTTP.new(url.host, url.port)
https.use_ssl = true

request = Net::HTTP::Get.new(url)
request["User-Agent"] = "Ruby application"

response = https.request(request)
puts response.read_body
```

Python

```
import requests

url = "https://api.autoaddress.com/3.0/getdata?token=YOUR_TOKEN&addressId=ADDRESS_ID&dataType=YOUR_DATA_TYPE"

payload = {}
headers = {
  'User-Agent': 'Python application'
}

response = requests.request("GET", url, headers=headers, data=payload)

print(response.text)
```

C#

```
var client = new HttpClient();
var request = new HttpRequestMessage(HttpMethod.Get, "https://api.autoaddress.com/3.0/getdata?token=YOUR_TOKEN&addressId=ADDRESS_ID&dataType=YOUR_DATA_TYPE");
request.Headers.Add("User-Agent", ".NET application");
var response = await client.SendAsync(request);
response.EnsureSuccessStatusCode();
Console.WriteLine(await response.Content.ReadAsStringAsync());
```