

Search

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Overview

The Search endpoint is used to retrieve a list of suggested addresses from a search query.

We recommend that you read our [API Overview](#) guide first.

API Endpoint

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

Request

To retrieve Search 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.

Input Fields

Name	Type	Description
key*	string	Your API key. Required if token is not provided. See Authentication documentation for more details
token*	string	Access token from Create Token endpoint . Required if key is not provided. See Authentication documentation for more details
address*	string	Address to search
country	string	Country to limit results to
latitude	string	Latitude to search at
longitude	string	Longitude to search at
h3index	string	H3 index to search in
language	string	Language to return result in

* Required Fields

The following is an example Search API call in cURL using an address and token.

```
curl --location 'https://api.autoaddress.com/3.0/search?address=YOUR_ADDRESS&token=YOUR_TOKEN'
```

Response

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

```
{
  "type": "search",
  "message": {
    "id": 3100,
    "language": "en",
    "value": "Select an option below"
  },
  "options": [
```

```

options : [
  {
    "value": "Dublin Street Medical Centre, 19 Dublin Street, Longford, N39",
    "link": {
      "rel": "drilldown",
      "href": "https://api.autoaddress.com/3.0/drilldown?aa3Id=IE311b5a4b-afca-4129-a7d2-0f91e49504a8_Latn_en_V&originalEndpoint=Search&address=dublin%20street%20medical&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=6e15ca6b966cb671ed1d260afb317ae6",
      "title": "Dublin Street Medical Centre, 19 Dublin Street, Longford, N39"
    },
    "format": {
      "highlights": [
        0,
        29
      ],
      "lineBreaks": []
    },
    "suffix": "2 Addresses"
  },
  {
    "value": "ENHANCE MEDICAL DUBLIN, 22 Frederick Street South, Dublin 2",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900161611_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=b3e350c948f82852abc5a5eb6881a13a",
      "title": "ENHANCE MEDICAL DUBLIN, 22 Frederick Street South, Dublin 2"
    },
    "format": {
      "highlights": [
        0,
        23
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
    "value": "DAME STREET MEDICAL CENTRE, 16 Dame Street, Dublin 2",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900009041_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=237b4ef243e0a9b5e551bd0f7f4a0149",
      "title": "DAME STREET MEDICAL CENTRE, 16 Dame Street, Dublin 2"
    },
    "format": {
      "highlights": [
        0,
        27
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
    "value": "CLARE STREET MEDICAL CENTRE, 26 Clare Street, Dublin 2",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900174006_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=f884cf3a99e1e558e9a6817148936e2a",
      "title": "CLARE STREET MEDICAL CENTRE, 26 Clare Street, Dublin 2"
    },
    "format": {
      "highlights": [
        0,
        27
      ],
      "lineBreaks": []
    },
    "suffix": ""
  }
]

```

```
    "format": {
      "highlights": [
        0,
        28
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
    "value": "BAGGOT STREET MEDICAL, 10 Baggot Street Upper, Dublin 4",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900367134_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHBlcObk8gZSCcqN6Dnu0qXKxwleCIA&sig=7eb11e4b1b532b76e3160c7d9b6ee135",
      "title": "BAGGOT STREET MEDICAL, 10 Baggot Street Upper, Dublin 4"
    },
    "format": {
      "highlights": [
        0,
        22
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
    "value": "ABBEY STREET MEDICAL CENTRE, 71 Abbey Street Middle, Dublin 1",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900183682_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHBlcObk8gZSCcqN6Dnu0qXKxwleCIA&sig=a818eeabb40e42793c353149c58b4fd8",
      "title": "ABBEY STREET MEDICAL CENTRE, 71 Abbey Street Middle, Dublin 1"
    },
    "format": {
      "highlights": [
        0,
        28
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
    "value": "PARLIAMENT STREET MEDICAL PRACTICE, 11 Parliament Street, Dublin 2",
    "link": {
      "rel": "lookup",
      "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900168211_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHBlcObk8gZSCcqN6Dnu0qXKxwleCIA&sig=baa99fea29cc8e2e97469cb88dc7b31b",
      "title": "PARLIAMENT STREET MEDICAL PRACTICE, 11 Parliament Street, Dublin 2"
    },
    "format": {
      "highlights": [
        0,
        35
      ],
      "lineBreaks": []
    },
    "suffix": ""
  },
  {
```

```

"value": "O'CONNEL STREET MEDICAL CENTRE, 5 O'Connell Street Lower, Dublin 1",
"link": {
  "rel": "lookup",
  "href": "https://api.autoaddress.com/3.0/lookup?aa3Id=IE1900171910_Latn_en_V&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=40dc31eead77b3792fcaeb9a6d2a3162",
  "title": "O'CONNEL STREET MEDICAL CENTRE, 5 O'Connell Street Lower, Dublin 1"
},
"format": {
  "highlights": [
    0,
    31
  ],
  "lineBreaks": []
},
"suffix": ""
}
],
"links": [
  {
    "rel": "self",
    "href": "https://api.autoaddress.com/3.0/search?address=dublin+street+medical&token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&version=3.1.66",
    "title": "self"
  },
  {
    "rel": "autoaddressformlayout",
    "href": "https://api.autoaddress.com/3.0/autoaddressformlayout?token=s1IMRsRghn7_stw9rxFP_Et_FnrsgJo9NHKdhxIBpVPzH3psc-A8XglZHblcObk8gZSCcq6Dnu0qXKxwleCIA&sig=584e07f799db923fd378c83381d42de1",
    "title": "Enter your address manually >"
  }
]
}

```

Output Fields

Name	Type	Description
type	string	Name of the response type
message	Message	A Message object (detailed below)
options	Option[]	An array of Option objects (detailed below)
links	Link[]	An array of Link object (detailed below)

Message Object

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

Option Object

Name	Type	Description
value	string	Display name of the option
link	Link	A Link Object (Detailed below)
format	Format	Formatting instructions for autocomplete widget
suffix	string	Suffix to be displayed after the options value

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/search?address=YOUR_ADDRESS&token=YOUR_TOKEN",
  "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/search?address=YOUR_ADDRESS&token=YOUR_TOKEN")

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/search?address=YOUR_ADDRESS&token=YOUR_TOKEN"
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/search?address=YOUR_AD
DRESS&token=YOUR_TOKEN");
request.Headers.Add("User-Agent", ".NET application");
var response = await client.SendAsync(request);
response.EnsureSuccessStatusCode();
Console.WriteLine(await response.Content.ReadAsStringAsync());
```
