



Brave Web Search API

Introduction

Brave Web Search API is a REST API to query Brave Search and get back search results from the web. The following sections describe how to curate requests, including parameters and headers, to Brave Web Search API and get a JSON response back.

To try the API on a Free plan, you'll still need to subscribe — you simply won't be charged. Once subscribed, you can get an API key in the [API Keys section](#).

Endpoints

Brave Search API exposes multiple endpoints for specific types of data, based on the level of your subscription. If you don't see the endpoint you're interested in, you may need to change your subscription.

```
https://api.search.brave.com/res/v1/web/search
```



Example

A request has to be made to the web search endpoint. An example CURL request is given below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/web/search?q=brave+search" \  
-H "Accept: application/json" \  
-H "Accept-Encoding: gzip" \  
-H "X-Subscription-Token: <YOUR_API_KEY>"
```



The response specification for Web Search API can be seen in the [WebSearchApiResponse](#) model.

Next Steps

To learn what parameters are available and what responses can be expected while querying Brave Web Search API, please review the following pages:

- [Query Parameters](#)
- [Request Headers](#)
- [Response Headers](#)

- [Response Objects](#)

Brave Local Search API

Introduction

Brave Local Search API provides enrichments for location search results.

Access to Local API is available through the [Pro plans](#).

Endpoints

Brave Local Search API is currently available at the following endpoints and exposes an API to get extra information about a location, including pictures and related web results.

```
https://api.search.brave.com/res/v1/local/pois
```



The endpoint supports batching and retrieval of extra information of up to 20 locations with a single request.

The local API also includes an endpoint to get an AI generated description for a location.

```
https://api.search.brave.com/res/v1/local/descriptions
```



Example

An initial request has to be made to web search endpoint with a given query. An example CURL request is given below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/web/search?q=greek+restaurants+in+san+francisco" \
-H "Accept: application/json" \
-H "Accept-Encoding: gzip" \
-H "X-Subscription-Token: <YOUR_API_KEY>"
```



If the query returns a list of locations, as in this case, each location result has an [id field](#), which is a temporary ID that can be used to retrieve extra information about the location. An example from the locations result is given below.

```
{
  "locations": {
    "results": [
      {
        "id": "1520066f3f39496780c5931d9f7b26a6",
        "title": "Pangea Banquet Mediterranean Food"
      },
      {
        "id": "d00b153c719a427ea515f9eacf4853a2",
        "title": "Park Mediterranean Grill"
      },
      {
        "id": "4b943b378725432aa29f019def0f0154",
        "title": "The Halal Mediterranean Co."
      }
    ]
  }
}
```

The `id` value can be used to further fetch extra information about the location. An example request is given below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/local/pois?ids=1520066f3f39496780c5931d9f7b26a6" \
-H "accept: application/json" \
-H "Accept-Encoding: gzip" \
-H "x-subscription-token: <YOUR_API_KEY>"
```

An AI generated description associated with a location can be further fetched using the example below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/local/descriptions?ids=1520066f3f39496780c5931d9f7b26a6" \
-H "accept: application/json" \
-H "Accept-Encoding: gzip" \
-H "x-subscription-token: <YOUR_API_KEY>"
```

The response specification for Local Search API can be seen in the [LocalPoiSearchApiResponse](#) and [LocalDescriptionsSearchApiResponse](#) models.

Next Steps

To learn what parameters are available and what responses can be expected while querying Brave Web Search API, please review the following pages:

- [Query Parameters](#)
- [Request Headers](#)
- [Response Headers](#)
- [Response Objects](#)

Brave Rich Search API

Introduction

Brave Rich Search API is a REST API to query Brave Search and get back rich search results. The following sections describe how to curate requests, including parameters and headers, to Brave Rich Search API and get a JSON response back.

Rich Search API responses provide accurate up to date information about the intent of the query. This data is sourced from 3rd party API providers and includes verticals such as sports, stocks and weather.

Access to Rich Search API is available through the [Pro plans](#).

Example

A request has to be made to the web search endpoint first with an extra query parameter `enable_rich_callback=1` . An example CURL request for the query `weather in munich` is given below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/web/search?q=weather+in+munich&enable_rich_callback=1" \
-H "Accept: application/json" \
-H "Accept-Encoding: gzip" \
-H "X-Subscription-Token: <YOUR_API_KEY>"
```

The response specification for Web Search API can be seen in the [WebSearchApiResponse](#) model.

The Web Search API response contains a `rich` field if the query is expected to return rich results. An example of the `rich` field is given below.

```
{
  "rich": {
    "type": "rich",
    "hint": {
```

```
    "vertical": "weather",  
    "callback_key": "86d06abffc884e9ea281a40f62e0a5a6"  
  }  
}  
}
```

The response contains a `callback_key` field which can be used to fetch the rich results. An example CURL request to fetch the rich results is given below.

```
curl -s --compressed "https://api.search.brave.com/res/v1/web/rich?callback_key=86d06abffc884e9ea281a40f62e0a5a6"  
-H "Accept: application/json" \  
-H "Accept-Encoding: gzip" \  
-H "X-Subscription-Token: <YOUR_API_KEY>"
```

The response specification for Rich Search API can be seen in the [RichSearchApiResponse](#) model.

Next Steps

To learn what parameters are available and what responses can be expected from the Rich Search callbacks.

- [Rich Search](#)
- [Query Parameters](#)
- [Request Headers](#)
- [Response Headers](#)
- [Response Objects](#)