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You can read the address. But where is it?

One call returns the coordinates.

The Geocoding API turns addresses and place names into coordinates and coordinates back into addresses. It also suggests addresses as users type and handles lists of up to 1,000 addresses per call. Built for developers who connect forms, maps and address data.

AT A GLANCE

Four routes: forward, reverse, suggestions while typing and batch with up to 1,000 addresses. Every response returns lat, lng, display_name and the address split into its parts.

01 · WHAT IT IS ABOUT

The address is there. Now the location comes with it.

Delivery addresses, customer records and web forms hold addresses as text. A map, a distance or clean master data needs coordinates. The Geocoding API resolves text into latitude and longitude, splits the address into street, postcode and city, and works in reverse as well.

INPUTS

Address or place name, coordinate pair, search term, list of up to 1,000 addresses

OUTPUT

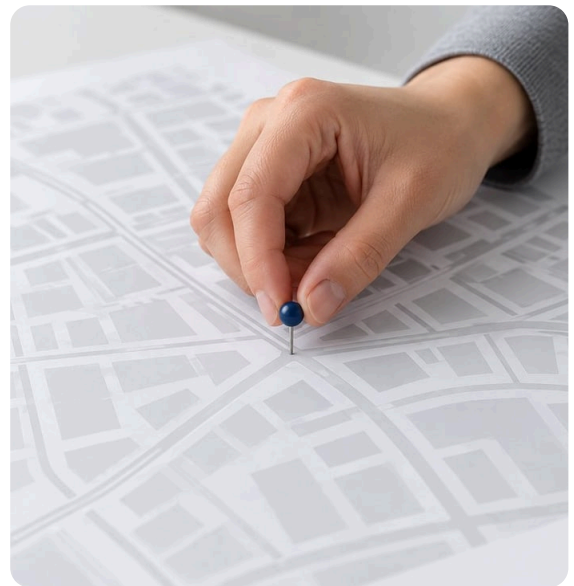
lat, lng, display_name, address split into parts, up to 5 matches per request

ACCESS

REST API with bearer token, Publishable Key in the browser, MCP

LANGUAGE

Language of place and country names via lang, e.g. de, en, fr, ja

**Forward**

Send an address or place name, get latitude and longitude back, along with the display name, match type and a relevance score per result.

Reverse

A coordinate pair becomes a readable address with street, house number, postcode, city and country. A good fit for GPS data from apps and vehicles.

Suggestions while typing

The autocomplete endpoint returns up to 20 address suggestions with coordinates while someone is still filling in the form.

Batch for lists

Up to 1,000 addresses in one call. The response counts matches and failures and returns each result at the position it had in your list.

Results in your language

Use lang to choose the language of place and country names, such as München or Munich. The same applies to suggestions and batch.

Straight from the browser

A Publishable Key with the scope

`Look up (e.g., addresses, currencies)` calls the API from your web app, bound to the origins you enter.

02 · HOW IT WORKS

Send an address. Get coordinates back.

One key, one call, JSON back. The response arrives directly, with no job to create and no status to poll. Forward, autocomplete and batch use POST with a JSON body.

1

Create a key

Under **API & Developer** > **API Keys**, use **Create New Key** to create a key of type **API Key** for your server. For the browser, choose **Publishable Key**.

2

Set scope and origins

For the browser key, tick the scope **Look up (e.g., addresses, currencies)** and enter the allowed origins of your website.

3

Call POST /geocoding/forward

Send address and, optionally, lang in the JSON body. For reverse lookups, send lat and lng to /geocoding/reverse.

4

Use the response

lat, lng and display_name sit at the top, address holds the parts, results up to 5 matches. found tells you whether there was a match.

TECHNICAL DATA

FEATURE	DETAILS
Endpoints	POST /geocoding/forward, /reverse, /autocomplete and /batch, plus GET /geocoding/status
Access	Bearer token in the Authorization header, base URL https://api.paperooffice.ai/latest
Parameters	address (or q), lat and lng (or lon), q with limit 1 to 20, addresses as a list, lang
Response fields	success, found, query, lat, lng, display_name, address, results, cached
Batch	Up to 1,000 addresses per call, response with total, success_count, failed_count and results
Cache	Matches 30 days, suggestions 1 hour; the cached field shows whether a result came from there
MCP tools	po_geocoding_forward, po_geocoding_reverse, po_geocoding_autocomplete (/claude, /cursor, /dms)

03 · IN PRACTICE

Where addresses become places. Three real-world workflows.

Delivery address at checkout

As the customer types, the autocomplete endpoint suggests matching addresses with coordinates. The shop takes street, postcode and city from the chosen suggestion, right in the browser.

Cleaning up customer records

The CRM export goes to `/geocoding/batch` as a list. Each address comes back with coordinates and parts, and `failed_count` counts the misses. You see at once which records need a review.

Senders on the map

The `Analytics AI > Sender Map` in the app places the senders of your documents with the same geocoding. For your own maps and reports, call the same service through the API.

FREQUENTLY ASKED QUESTIONS

How many addresses fit into one batch?

Up to 1,000 addresses per call, sent as a JSON list addresses or as the form field `addresses[]`. Results come back in the same order as your list.

Does it work from Claude or Cursor?

Yes. The MCP tools `po_geocoding_forward`, `po_geocoding_reverse` and `po_geocoding_autocomplete` are available on the `/claude`, `/cursor` and `/dms` endpoints.

Can I call the API directly from the browser?

Yes. Create a key of type `Publishable Key` with the scope `Look up (e.g., addresses, currencies)` and enter the origins of your website. For servers and scripts, use the type `API Key`.

How is it billed?

By usage. Current prices are on the pricing page, and you can see your usage under `API & Developer > API Usage`.

GET STARTED

Your first address is one call away.

Create an account, create a key under `API & Developer > API Keys` and call POST `/geocoding/forward` with your address.

paperoffice.ai/en/ai-geocoding-api-addresses-coordinates-gdpr



MORE ABOUT THE MODULE

paperoffice.ai/en/ai-geocoding-api-addresses-coordinates-gdpr

PRICING

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