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Creating AI images through the API: the request, the status and saving the file

All in One AI

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RLX-MZ-KB-2909	v2026.11.27	Mozambique · English

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https://www.meu.mozout.co.mz/knowledgebase/2909

Creating AI images through the API: the request, the status and saving the file

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In short: send the request to `POST /v1/media/generations`, with the `model` and, in `input`, the description. The answer comes straight back, with the `id`. Then call `GET /v1/media/generations/{id}` every 5 seconds until the `status` is no longer `processing`. Image links are not permanent: download the files. See also the **AI images** page.

What you need

1. A key created on the **API page in Meu MozOut**, with `ai:read` and `ai:write`. Start with a `sandbox_` key.
2. AI credits in your account, for the `prod_` key. You buy them in **All in One AI**.
3. The model id. On the **«Models» tab**, the «Copy the id» button copies it.

The two steps

An image takes from a few seconds to a few minutes. So there are two steps: the request, which answers at once, and the status check, which you repeat until the image is done. The OpenAI SDK does not have these operations: use plain HTTP requests.

Step	Operation	What you get
1. The request	`POST /v1/media/generations`	Code `202`, with the `id`, the `status` `processing` and the reserved credits in `credits_reserved`.
2. The check	`GET /v1/media/generations/{id}`	`completed`: the files in `outputs` and the real cost in `credits_charged`. `failed`: the reason in `error`, and nothing is charged.

A complete example, in Python

Keep the key in the `MOZOUT_API_KEY` environment variable and run:

```
import os, time, requests

API = "https://api.mozout.co.mz/v1"
H = {"Authorization": "Bearer " + os.environ["MOZOUT_API_KEY"]}

job = requests.post(API + "/media/generations", headers=H, timeout=30, json={
"model": "openai/gpt-image-2/text-to-image",
"input": {"prompt": "A bright, modern office with plants and soft morning light",
"size": "1024x1024"},
}).json()["data"]

while job["status"] == "processing":
time.sleep(5)
job = requests.get(API + "/media/generations/" + job["id"], headers=H,
timeout=30).json()["data"]

print(job["status"], job["outputs"], job["credits_charged"])
```

The `input` fields change from model to model. `GET /v1/models/{id}` shows them, with the accepted values and the default for each one. Starting files, such as a photo to edit, go as public addresses (URLs).

Saving the files

The links in `outputs` are not permanent. Have your program download the images as soon as the generation finishes, and keep them on your server or your computer.

The key stays on the server.
Never put it in code that runs in the browser or in a mobile app: anyone who sees it can spend your credits. See **how to create an API key**.

When you repeat a request after a network failure
, send the `Idempotency-Key` header: that way you do not pay for two images. See **how Idempotency-Key works**. Without writing code, the **aio command** and the **MCP server** also create images with the same key. Everything is in the **AI documentation**.

RECOMMENDED

Want AI images in your own program? See the AI images page.

See AI images →

SEE ALSO

- Testing All in One AI in the Sandbox at no cost: what each answer looks like →
- Creating an API key: name, mode, permissions, validity, IP list and spending limit →
- Our API's error codes: what each one means, and which ones are worth retrying →
- What an AI image costs in credits: the price per image, the reserve and the refund →

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