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Generated on 28/11/2026 20:45

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Naming the provider in Codex: the reserved names openai, ollama and lmstudio

Codex CLI

CODE	VERSION	COUNTRY · LANGUAGE
RLX-AO-KB-3132	v2026.11.28	Angola · English

Interweb Angola
RLX Angola, Lda. · Group RLX Holdings
Tax ID (NIF) 500 260 5724 · Commercial registration no. 26464-25/250724

https://www.meu.interweb.ao/knowledgebase/3132

Naming the provider in Codex: the reserved names openai, ollama and lmstudio

Codex CLI Created on **November 28, 2026** 2 min read



In `config.toml`, the Interweb provider lives in a `[model_providers.<id>]` table. You choose the id, but some names are kept by Codex for the providers it ships with.

The reserved names

According to the official Codex documentation, the ids `openai`, `ollama` and `lmstudio` belong to the providers that come with Codex and cannot be overridden. The advanced configuration page adds `amazon-bedrock`, `amazon-bedrock-runtime` and `gcp`. A block with one of these names does not count as your provider.

The id and the name

```
model = "moonshotai/kimi-k2.7-code"
model_provider = "aio"

[model_providers.aio]
name = "Interweb"
base_url = "https://api.interweb.ao/v1"
env_key = "INTERWEB_API_KEY"
wire_api = "responses"
```

Where	What it is
`[model_providers.aio]`	The id. Pick a unique name: `aio`, `api` or another.
`model_provider = "aio"`	It must match the id, letter by letter.
`name = "Interweb"`	Only the name Codex shows. It can have spaces and capitals.

In TOML, an id without quotes can only have letters, numbers, `_` and `-`. Prefer a short name with no spaces.

If model_provider is missing

Without the `model_provider` line, Codex uses the `openai` provider, which is the default, and the requests do not come to our API. The line goes at the top of the file, before the first table, and its value must be the id of a `[model_providers.<id>]` table that exists.

Not to be confused with the MCP server

The MCP server also has a name, in its own table: `[mcp_servers.interweb-ai]`. They are different things: `model_providers` says which models Codex uses to code, and `mcp_servers` adds tools, such as generating images. See **the All in One AI MCP server**.

Check with a `sandbox_` key: with the right provider, the answer is "Resposta de teste (sandbox)."

RECOMMENDED

Want to code with AI in Codex? Visit the Coding with AI page.

See Coding with AI →

SEE ALSO

- **Codex CLI with All in One AI: creating config.toml, the key and the model**
- **Codex in a project: why .codex/config.toml cannot change the provider**
- **env_key in Codex: how it reads your key from an environment variable**
- **The All in One AI MCP server: images, video and voice inside Claude Code, Codex and ChatGPT**
- **Coding with AI in All in One AI**

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RLX-AO-KB-3132 · v2026.11.28 · Generated on 28/11/2026 20:45

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