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Generated on 28/11/2026 22:49

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# Kilo Code reads our model list: choosing models without typing ids

Kilo Code

CODE
**RLX-MZ-KB-3199**

VERSION
**v2026.11.28**

COUNTRY · LANGUAGE
**Mozambique · English**

**MozOut Mozambique**
RLX Holdings, S.A. · Group RLX Holdings
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https://www.meu.mozout.co.mz/knowledgebase/3199

# Kilo Code reads our model list: choosing models without typing ids

Kilo Code Created on **November 28, 2026** 3 min read



In the Kilo Code extension for VS Code, you do not need to copy model ids. When you create the MozOut provider, Kilo Code asks our API for the list and shows it in a picker with search. You just choose.

## How it works

As soon as the **Base URL** and the **API key** are right, Kilo Code calls `GET /v1/models` at our address and fills the **Models** field. The search is approximate: type `kimi` or `glm` and the matching models show. If the list does not load, click **Fetch models** to try again.

Listing the models spends no credits, and the list is the same with a `sandbox_` key and a `prod_` key.

## The steps

1. Open the settings (the gear icon), the **Providers** tab and, at the end of the list, **Custom provider**.
2. Fill in **Provider ID**, **Display name**, **Provider API** (**OpenAI Compatible**), **Base URL** ( `https://api.mozout.co.mz/v1` ) and **API key**. What to put in each field is in **Provider ID, Display name and Provider API**.
3. In **Models**, search for and choose the models you want.
4. Click **Submit**. The models now show in the model picker.

## What is in the list

The list has every model on sale, not only the text ones. Your agents come first, with ids that start with `agent/` . Then come the text, image, video and voice models.

For coding, choose text models that support tools. An image, video or voice model does not work in chat: the API answers `404 model_not_found`.

| Model | Context | What for |
|---|---|---|
| `moonshotai/kimi-k2.7-code` | 262,144 tokens | Built for coding: the starting point for everyday work. |
| `deepseek-ai/deepseek-v4-pro` | 1,048,576 tokens | Strong reasoning, for big changes and hard bugs. |
| `zai-org/glm-5.2` | 1,048,576 tokens | Made for agents: handles tools well in long tasks. |
| `deepseek-ai/deepseek-v4-flash` | 1,048,576 tokens | Fast and cheap, for background tasks and short questions. |

The full list of the 79 models that support tools is in the block in **Kilo Code with All in One AI**.

## If the list does not show

| What happens | What to do |
|---|---|
| **Nothing loads.** | Check the **Base URL**, with `/v1` at the end, and the key. Then click **Fetch models**. |
| `401` **or "Invalid API Key".** | The key is wrong or incomplete. Paste it again, with no spaces. |
| `403 insufficient_scope` | The key does not have `ai:read`. Create one with `ai:read` and `ai:write`. |
| **You prefer to type.** | You can also type the ids by hand, exactly as they are in the catalogue, with the slash. |

## On the command line

The `kilo` program reads the models from the `kilo.jsonc` file, and only the ones you write there show: see **the global kilo.jsonc file**. To see the models it finds for the MozOut provider, type `kilo models api`.

RECOMMENDED

Want to pick between our models in VS Code? Visit the Coding with AI page.

See Coding with AI →

SEE ALSO

- Kilo Code with All in One AI: the custom provider in VS Code and kilo.jsonc in the CLI
- Provider ID, Display name and Provider API in Kilo Code: what to fill in
- Choosing a model for Kilo Code: models that accept tools
- Kilo Code on the command line: the global kilo.jsonc file
- Coding with AI in All in One AI

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| | |
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