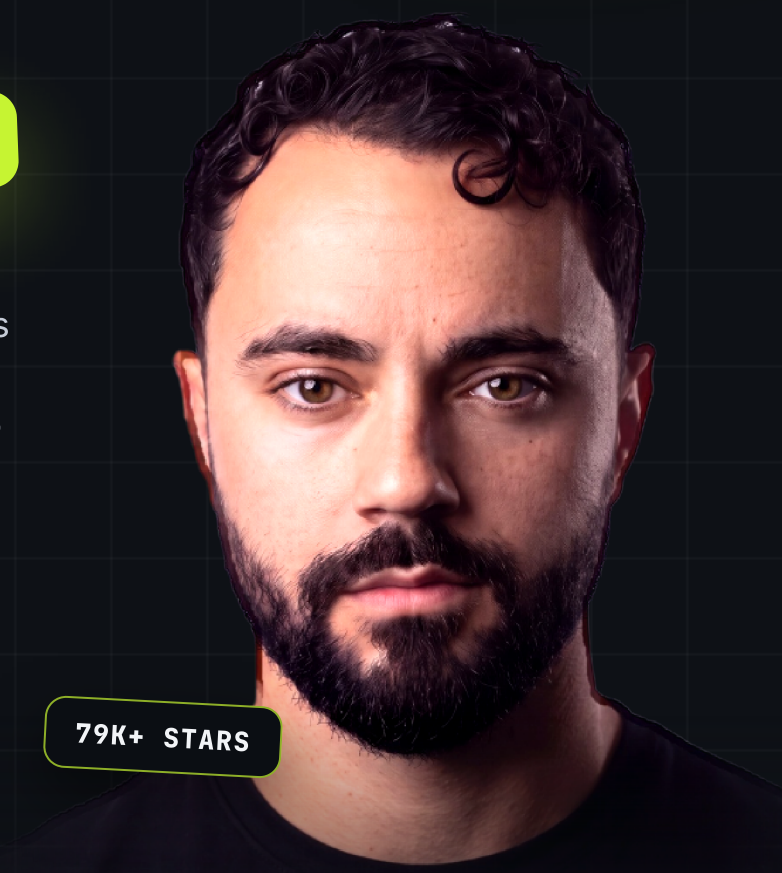
// FREE GUIDE BY @AVIGRONDIN

MiroFish: test your launch

ON AI CUSTOMERS

An open source engine that builds a world of AI people with their own backgrounds, shows them your launch and lets each one react. You read what they did before real buyers do it.

01 INSTALL · 02 UPLOAD · 03 PREDICT



THE REPO github.com/666ghj/MiroFish

You commented LAUNCH. Here is everything: what you need, the two keys, the install, what to upload from your launch, what to ask it, how to read the report and how to keep the bill small. MiroFish is built by its own open source team (666ghj/MiroFish, AGPL-3.0). I did not build it. I am showing you how to use it.

// 02 · WHAT IT IS

A test audience made of AI.

You give MiroFish seed material and one question in plain words. It builds a small world of AI people from that material, lets them talk and react to each other, then writes you a prediction report.

01
Reads
Pulls the people, facts and links out of what you upload.

→

02
Casts
Writes a persona and a memory for each AI person.

→

03
Simulates
Lets them react and talk, round after round.

→

04
Reports
A prediction report, and you can chat with anyone in it.

THE FACTS (GITHUB, OCTOBER 16, 2026)

Stars	**79,700+** on GitHub.
License	**AGPL-3.0**. Free to use. If you change it and offer it to others as a service, you must share your changes.
Engine	Built on **OASIS**, an open source social simulation engine by the CAMEL-AI team.
Backing	Incubated by **Shanda Group**, per the repo.
Try first	A live demo, no install: **666ghj.github.io/mirofish-demo**

WHAT IT IS NOT

It is not a crystal ball. It is a fast, cheap way to hear objections from many points of view before you spend on the real launch.

WHO BUILT IT

MiroFish is built by its own open source team (666ghj/MiroFish, AGPL-3.0). The repo: **github.com/666ghj/MiroFish**.

// 03 · BEFORE YOU START

Three tools, two keys.

MiroFish runs on your computer: a screen you open in the browser, and an engine behind it. Install these once.

THE TOOLS

- **Node.js 18 or newer.** Runs the screen. Check with `node -v`. Get it from nodejs.org.
- **Python 3.11 or 3.12.** Runs the engine. Check with `python3 --version`. Not 3.13: the repo asks for 3.12 at most.
- **uv.** Installs the engine's parts. On a Mac: `brew install uv`. Check with `uv --version`.

KEY 1 · AN AI MODEL

Any model that speaks the OpenAI format. This is where the cost is: you pay that provider for every call. Page 04 shows how to set OpenAI or the repo's default, Qwen.

KEY 2 · ZEP CLOUD

The memory for your AI people. Sign up at **app.getzep.com**. The repo says the free monthly quota is enough for simple use.

NOT A DEVELOPER?

You will paste about six lines into Terminal and fill in two keys. Everything after that happens in a normal web page on your computer.

// 04 · THE SETTINGS FILE

Two keys in one file.

MiroFish reads its keys from a file called `.env` in its folder. You make it on the next page. These are the lines to fill in.

OPTION A · OPENAI

`LLM_API_KEY`	Your OpenAI API key, from platform.openai.com.
`LLM_BASE_URL`	`https://api.openai.com/v1`
`LLM_MODEL_NAME`	The model to use. A small, cheap one keeps a big simulation affordable.

OPTION B · THE REPO'S DEFAULT (QWEN-PLUS)

`LLM_API_KEY`	Your key from Alibaba's Bailian platform (bailian.console.aliyun.com).
`LLM_BASE_URL`	`https://dashscope.aliyuncs.com/compatible-mode/v1`
`LLM_MODEL_NAME`	`qwen-plus`

BOTH OPTIONS

`ZEP_API_KEY`	Your Zep Cloud key, from app.getzep.com.

ONE TRAP

The file also has three `LLM_BOOST_` lines for an optional faster model. If you are not using them, **delete those three lines**. The repo says to leave them out completely, not blank.

// 05 · INSTALL IT

Six lines. Then a browser tab.

Open Terminal (Cmd + Space, type Terminal, Enter) and run these in order.

01 **Download it**

```
git clone https://github.com/666ghj/MiroFish.git
```

02 **Go into the folder**

```
cd MiroFish
```

03 **Make your settings file**

```
cp .env.example .env
```

Open `.env` in any text editor and fill it in as on page 04.

04 **Install everything**

```
npm run setup:all
```

Screen and engine, in one go. Takes a few minutes the first time.

05 **Start it**

```
npm run dev
```

Leave this window open while you use it.

06 **Open it**

```
http://localhost:3000
```

In your browser. The engine runs at port 5001 behind it.

PREFER DOCKER?

After step 03, run `docker compose up -d` instead of steps 04 and 05. It uses the same `.env` and the same address.

// 06 · RUN YOUR LAUNCH

Upload the launch. Ask one question.

MiroFish needs two things from you: seed material to build the world from, and what you want predicted, in plain words.

WHAT TO UPLOAD

- **Your ad.** The copy, and a description of the image or video.
- **Your price.** And what is included, exactly as the buyer sees it.
- **Your launch page.** Paste the text, or save the page as a PDF.
- **Who it is for.** A short paragraph on your buyers: job, budget, what they already use.

KEEP THE FIRST RUN SMALL

The repo warns that runs use a lot of model calls. Start with **fewer than 40 rounds**, read the result, then go bigger if it is useful.

WHAT TO ASK · COPY AND EDIT

@avigrondin

```
Simulate how [WHO YOUR BUYERS ARE] react when they see this ad, this price and this launch page for the first time.

Predict: who scrolls past, who clicks, who buys, and who pushes back.
For each group, give me the exact reason in their words.
Then tell me the 3 changes that would win the most of the people who said no.
```

// 07 · READ THE RESULT

Then interview your AI buyers.

When the run ends you get a prediction report. The part most people skip is the best part: you can talk to anyone in the simulated world.

01
Read the report
Look for the objections that came up again and again, not one loud voice.

02
Talk to a no
Pick an AI person who ignored or rejected the launch and ask why.

03
Change one thing
Fix the top objection in your ad, price or page, then run it again.

QUESTIONS THAT GET USEFUL ANSWERS

```
"What almost made you buy, and what stopped you?"
```

```
"What would you need to see on the page to trust this?"
```

```
"Is the price too high, too low, or not the problem?"
```

```
"Which line in the ad made you scroll past?"
```

THE HONEST PART

It is a simulation, not a guarantee. Treat it as a room full of opinions you could not get in an afternoon, then test the winner with real money in small amounts.

// 08 · CHEAT SHEET

Every command you will need.

Run these from inside the MiroFish folder.

SET UP ONCE

`git clone https://github.com/666ghj/MiroFish.git`	Download it
`cp .env.example .env`	Make the settings file
`npm run setup:all`	Install everything

EVERY TIME

`npm run dev`	Start it
`http://localhost:3000`	Open it

ONE PART AT A TIME

`npm run backend`	Engine only
`npm run frontend`	Screen only

DOCKER

`docker compose up -d`	Start in Docker
`docker compose down`	Stop it

// 09 · STUCK?

The usual problems, and the fix.

Most first-run problems are one of these.

`node: command not found`	Install Node.js 18 or newer from nodejs.org, open a new Terminal window, try again.
`Python version error`	MiroFish wants Python 3.11 or 3.12. Install 3.12 and run setup again.
`uv: command not found`	Install it with `brew install uv`, then run `npm run setup:all` again.
`Model or key errors`	Check the three LLM lines in `.env`, and delete the `LLM_BOOST_` lines if you are not using them.
`Memory errors`	Check `ZEP_API_KEY` and your Zep quota.
`Page will not open`	Make sure `npm run dev` is still running, then reload localhost:3000.
`Bill too high`	Use a smaller model and fewer rounds. Watch your provider's usage page during the first runs.

STILL STUCK?

The repo's README and its Discord are the best place for MiroFish problems: **github.com/666ghj/MiroFish**.

// 10 · WHAT NEXT

MiroFish tests the launch. Here is how to run one.

I use AI to build and run lead generation businesses. If you want to do the same, there are two ways to work with me.

OPTION 1 · THE COMMUNITY

Join my Skool community

Pay Per Lead Academy

Stop chasing clients. Start building a lead generation business.

- Pick a niche
- Run Meta and Google ads
- Find lead buyers and price your leads
- Automate delivery and tracking

Join on Skool →

skool.com/pay-per-lead-academy-3593

OPTION 2 · DIRECT

Book a call with me

1 on 1 with Avi Grondin · 60 minutes

One hour. Your business. My full attention.

- A deep dive into your specific business
- Your niche, your ads, your lead buyers
- A straight read on your numbers
- Your next best moves

Book your call →

Tap the button or scan the code

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