Building AlphaZero

With Goose

block

6 pm - 30th of July 2025
Block Sydney
5 Central Park Ave,
Chippendale NSW

Internet Access: `Block-Guest`

Password: `fieldinternet`

General Housekeeping

Toilets

Emergency Exits

Rubbish

Phones to silent please.

Please join our discord:

https://discord.gg/U2MRhSND

Join the #alphazero-goose channel!

Schedule

Time	Event
6:00 -> ~6:20	Networking
6:30 -> 7:00	Intro & demo
7:00 -> 8:00	Sub groups- RL fundamentals
8:00 +	Wrap Up

How to install the GAZ syllabus into Goose

All the steps in one place:

https://tinyurl.com/GAZinstallation

Let's go through them one by one

1. Goose Desktop App Installation

https://tinyurl.com/blockgoosealphazero

2. API Key For Goose

https://alpha-zero-goose.vercel.app/
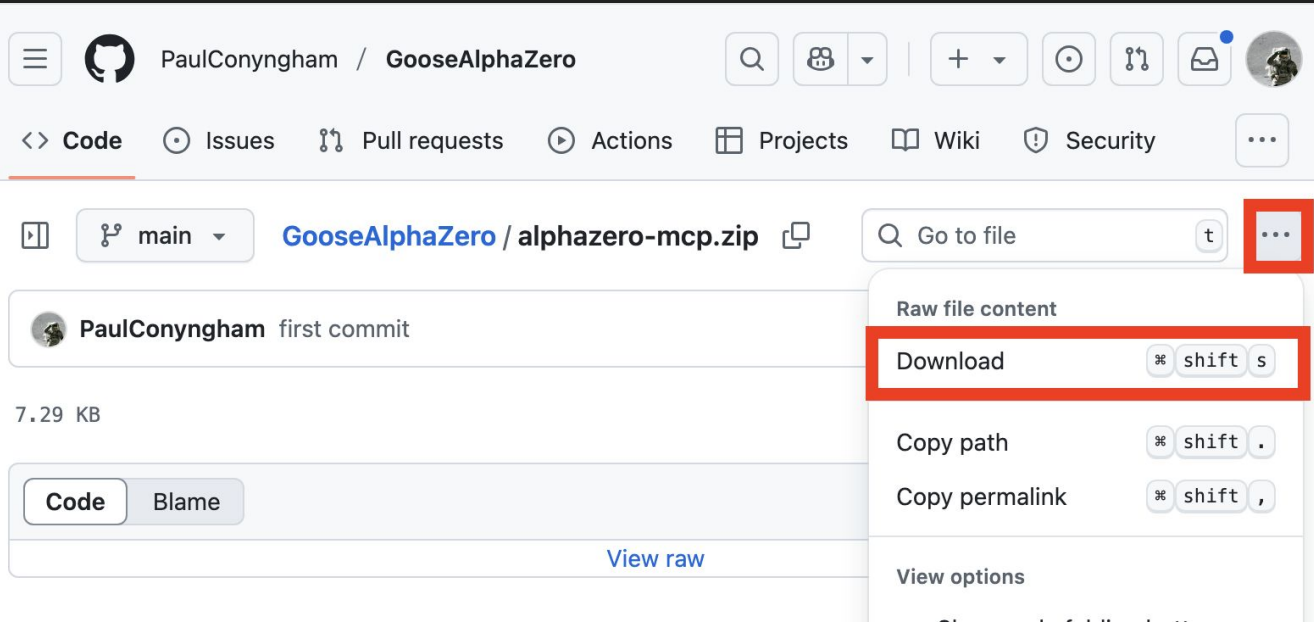
Write the api key down

3. Download & unzip the GooseAlphaZero Extension

https://tinyurl.com/GAZinstallation

Go through steps and explain on github repo
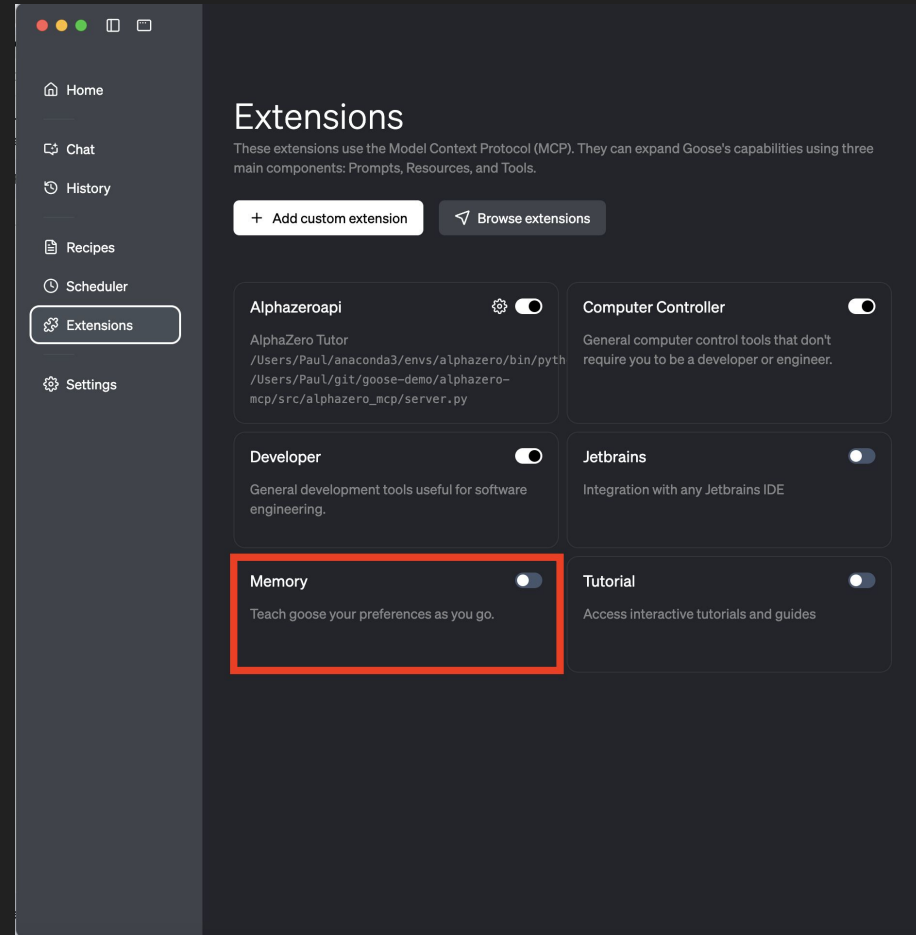
4. Configure open router

Go through steps using images on github repo

5. Add Custom Extension

Go through steps using images on github repo

6. Disable Memory Extension*

*For this study group only - feel free to turn it on for other things

Extensions

These extensions use the Model Context Protocol (MCP). They can expand Goose's capabilities using three main components: Prompts, Resources, and Tools.

+ Add custom extension   **Browse extensions**

Alphazeroapi

AlphaZero Tutor
/Users/Paul/anaconda3/envs/alphazero/bin/pyth
/Users/Paul/git/goose-demo/alphazero-
mcp/src/alphazero_mcp/server.py

Computer Controller

General computer control tools that don't require you to be a developer or engineer.

Developer

General development tools useful for software engineering.

Jetbrains

Integration with any Jetbrains IDE

Memory

Teach goose your preferences as you go.

Tutorial

Access interactive tutorials and guides

7. Launch the Recipe

Use the github link for this

*here we are essentially loading in the system prompt

8. Provide your alias - not complete

Use the github link for this

*here we are essentially loading in the system prompt

1st Lesson Demo

Live demo 🤞 🤞

- "Choose your own adventure learning"

- Earn xp & work with your team to unlock projects

- How to resume your work

*here we are essentially loading in the system prompt

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