



# Notes

## Document Link

开发过程中你可能会用到的documentation:

- OpenAI API [doc](#)  
需要翻到内地、港澳之外的地方才能访问
- Gemini API [doc](#)  
需要翻墙
- Siliconflow API [doc](#)
- openAI Agent SDK [doc](#)
- Google ADK [doc](#)

## Available Model

- All model provided by Siliconflow
- Free Gemini model

## Reason to drop Camel

1. Seems like siliconflow is not compatible with camel so well.  
The `camel.types.enums` don't provide the token limit about the siliconflow type.
2. Camel Agent don't support **streaming output**
3. Lack tutorial and guidance

## The Tech Stack

### Chat Bot

Currently use the OpenAI API.

An alternative way is to use [gemini-api](#) (support gemini only)

Another alternative approach is to init an Chat Agent.

### User Interface

Below listed the corresponding python package for different UI implement:

1. CLI
  - colorama
2. TUI
  - rich
3. GUI
  - Reflex
  - streamlit

## Agent system

I'm still figuring what's the best way to build up the agent system. Currently we are using the very crude OpenAI SDK approach.

Here's some promising approaches to build up agent / agentic workflow / multi-agent system:

1. OpenAI agent SDK  
<https://platform.openai.com/docs/guides/agents>
2. google agent SDK with gemini  
<https://google.github.io/adk-docs/>
3. Non-code purpose(e.g. n8n)(not sure if allowed)
4. Other multi-agent framework:
  - camel [no streaming support]
  - langchain and langgraph[too complicated]
  - crewai
  - ...

Most importantly, we have no idea what application we gonna build with agent / workflow / multi-agent. Making it harder to decide.

## Learn Basic Concept

Some article and video tutorial Listed Below:

### How to Protect your LLM

<https://www.promptingguide.ai/zh/risks/adversarial#参数化提示组件>

<https://www.youtube.com/watch?v=6bYGhY9HB8k>

<https://www.youtube.com/watch?v=jrHRe9ISqqA>

<https://zhuanlan.zhihu.com/p/30480330292>

## What is structured output:

<https://www.youtube.com/watch?v=xpvFinvqRCA>

## What is an Agent:

<https://openai.github.io/openai-agents-python/>

<https://zhuanlan.zhihu.com/p/24432308656>

<https://zhuanlan.zhihu.com/p/657937696>

<https://www.zhihu.com/question/1894891236617332066/answer/1900585340592424543>

<https://zhuanlan.zhihu.com/p/32230066307>

## What is agentic workflow:

<https://www.anthropic.com/engineering/building-effective-agents>

## Other Resouces

一个社媒爬虫repo: 小红书、知乎.....

[Reflex](#)

[streamlit](#)

[rich/textual](#)

[colorama](#)

## TODO

- Github action(<https://www.youtube.com/watch?v=0aEJBygCn5Q>)