????AI?????????

Description

OpenAI API????Ollama?????????AI????????????

????????????????????????47????????????????????????41???????????????6??????assistant

?????gemma3:1b?????????

```python
from openai import OpenAI

assistant_msg = {
        'role': 'system',
        'content': (
            'You are a highly intelligent, friendly, and versatile assistant.
            'Your primary goal is to help users with a wide range of tasks and
            'Whether it is answering questions, providing information, offering
            'engaging in meaningful conversations, or just being a good compan
            'Your responses are always thoughtful, engaging, and tailored to m
            'You strive to be a dependable and cheerful companion, always read
            'attitude and an in-depth understanding of various topics. '
            'When you asked in Japanese, your responses should be always only
        )
    }

client = OpenAI(
    base_url="http://ollama????????????????IP????:11434/v1",
    api_key="ollama"
)

history = [assistant_msg]
MAX_HISTORY_SIZE = 50

while True:
    prompt = input("????????\n")
    if prompt == "":
        break;
    history.append({'role': 'user', 'content': prompt})
```

```python
response = client.chat.completions.create(
    model="gemma3:1b",
    messages=[
        {"role": m["role"], "content": m["content"]}
        for m in history
    ],
    stream=True
)
print('AI??????:')
message = []
for chunk in response:
    chunk_message = chunk.choices[0].delta.content
    print(chunk_message, end='', flush=True)
    message.append(chunk_message)
history.append({'role': 'assistant', 'content': ''.join(message)})
while len(history) > MAX_HISTORY_SIZE:
    history.pop(1)
print('\n\n')
```

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```
pip install openai
```

?????OpenAI???????????????????

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Python?????????
AI??????:
???Python??????????? Python?????????????????????????????????????? ???????????????????

1. ?????????:

- **??Python????????** (?: ????????????????????????) ???????????????????
- **????????????** (???????????)

2. ????:

- **????????:**
  - **Progate:** https://prog-gate.com/ja/???????????????????????
  - **Codecademy:** https://www.codecademy.com/learn/learn-python-3????????????????????
  - **?????????:** https://dotinstall.net/lessons/python???????????????????????????
  - **Udemy:** https://www.udemy.com/????????????????????????????????
- **??:**
  - **Python???????:** https://www.python.org/learn/start/?????????Python???????????????
  - **Python????????:** https://docs.python.org/ja/3/?????????????????????
- **???????:**

- **W3Schools Python Tutorial:** https://www.w3schools.com/python/default.asp ?????????????????????????????

3. ??????:

1. **Python???????:**
   - Python????? (https://www.python.org/downloads/) ????????????????
   - Windows?????Python??????????????????
2. **???????:**
   - ??if??for??while???????????
   - `print()`**??`??????????????????????????**
3. **??????????:**
   - **Hello, world!**: "Hello, world!" ????????????????
   - **????**: 2????????????????????
   - **??????**: ??????????????????????
4. **??????:**
   - **??????????**: ????????????????????
   - **??????????**: ??????????????????: ?????????
   - **??????????**: Python?????????????????????????????

4. ????:

- **?????:**
  - **Stack Overflow:** https://stackoverflow.com/questions/tagged/python ?????????????????????
  - **Python.org??Q&A:** https://www.python.org/bugs/report.tp?Python???????????????
- **?????????:**
  - SNS???????Python????????????

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- **??????:** ????????????????????????????????????
- **??????:** ????????????????????
- **??????:** Python????????????????????????
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Category

1. ?????
2. ???

Tags

1. AI
2. LLM
3. Ollama
4. OpenAI API
5. ????
6. ????????
7. ???

Date Created
2025?4?22?
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