



Discordã•®ç??æ?•Alã??ã??ã??

Description

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ã½¿ç?ã•?ã•?Pythonã?©ã?ðã?©ã?ªã?¼ã•Sã•?ã??ã»¥ã_?ã•®å? å®¹ã??requirements.txtã•«è?è¿ã•
?pip install -r requirements.txtã?³ã??ã?³ã??ã•Sã?ðã?³ã?¹ã??ã?¼ã?«ã•?ã•¾ã•?ã??

```
python-dotenv==1.0.1
discord.py==2.3.2
ollama==0.2.0
```

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```
import os
import asyncio
from dotenv import load_dotenv
from discord import Intents, Message
from discord.ext import commands
import ollama
import logging
```

```
# .envã??ã?jã?ðã?«ã•?ã??DISCORDã??ã?¼ã?ã?³ã??èªã•¿è¾ã•¿
load_dotenv()
DISCORD_TOKEN = os.getenv('DISCORD_TOKEN')
```

```
logging.basicConfig(level=logging.INFO, format='%(asctime)s - %(name)s - %(lev
```

```
MODEL_NAME = 'ã?¢ã??ã?«ã•' # Ollamaã•Sã½¿ã•?ã?¢ã??ã?«ã•®ã•ã?
TEMPERATURE = 0.7ã??# æ?è«ã•®ã??ã?©ã?jã?¼ã?¿ã?¼
TIMEOUT = 120.0
```

```
# ã•?ã•¹ã??ã? ã??ã?ã?³ã??ã??
SYSTEM_PROMPT = """
ã•?ã•ªã•?ã•ã•Discordã•«ã•?ã??é?ã_, ã•«ç?¥ç??ã•Sã•?ã¥¾ç??ã?ã•?ã•ðã?æ?ã•
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""
```

```
MAX_HISTORY_SIZE = 50 # ä¿·æ?·ã·?ã??ã¼?è©±ª±¥æ´ã·@ä·?é?
```

```
# ä??ã??ã??Intentsã·@ã··æ??ã??  
intents = Intents.default()  
intents.message_content = True
```

```
# ä??ã??ã??ã·@ã··æ??ã??  
bot = commands.Bot(command_prefix='!', intents=intents)
```

```
# ä¼?è©±ª±¥æ´ã·«ã··ã?¹ã??ã? ä??ã?ã?³ã??ã??ã??è¿½ã? i¼?OpenAIæ?¹ã¼·ã·  
@ã?¿ã??ã?»ã?¼ã?·ã¼¢ã¼·ã·§ã·?i¼?  
history = [{'role': 'system', 'content': SYSTEM_PROMPT}]
```

```
async def send_in_chunks(ctx, text, reference=None, chunk_size=2000):  
    """"é?·ã·?ã?¿ã??ã?»ã?¼ã?·ã??ã·?ã·£ã?³ã·¬ã·«ã??ã·?ã·|é?·ä¿ì""  
    for start in range(0, len(text), chunk_size):  
        await ctx.send(text[start:start + chunk_size], reference=reference if
```

```
@bot.command(name='reset')  
async def reset(ctx):  
    """"ä¼?è©±ª±¥æ´ã·@ã?ªã?»ã??ã??""  
    history.clear()  
    history.append({'role': 'system', 'content': SYSTEM_PROMPT})  
    await ctx.send("ä¼?è©±ª±¥æ´ã·?ã?ªã?»ã??ã??ã·?ã??ã·¾ã·?ã·?ã??")
```

```
async def get_ollama_response():  
    """"Ollamaã·?ã??ã·@ã?-ã?¹ã··ã?³ã?¹ã??ã·?ä¿ì""  
    try:  
        messages_to_send = history.copy()  
        response = await asyncio.wait_for(  
            ollama.AsyncClient(timeout=TIMEOUT).chat(  
                model=MODEL_NAME,  
                messages=messages_to_send,  
                options={'temperature': TEMPERATURE}  
            ),  
            timeout=TIMEOUT  
        )  
        return response['message']['content']  
    except asyncio.TimeoutError:  
        return "ãªã¬ã?¹ã??ã·?ã?¿ã?ªã?ã?¢ã?|ã??ã·?ã·¾ã·?ã·?ã??ã·?  
è©¿è¿ã·?ã·|ã··ã·ã·?ã·?ã??"  
    except Exception as e:  
        logging.error(f"An error occurred: {e}")  
        return f"ã¬ã?ã?©ã?¼ã·?ç?°ç??: {e}"
```

```
@bot.event
async def on_message(message: Message):
    """ã?_ã?©ã?±ã?¢ã?³ã??ã?·ã??ã?·@ã?|ã??ã?»ã?¼ã?, ã??å?·ä¿jã?·ã?·ã?“ã··ã·
    @ã?!ç?·?"""

    # æ??ç“¿è??ã?·ã?·ã?·@ã??ã??ã??ã?·@ã ‘å?·ã?¬ä½?ã??ã?·ã?ªã?·
    if message.author == bot.user:
        return
    await bot.process_commands(message)

    # ä½?è©±å±¥æ´ã?·@ã?ªã?»ã??ã??ã?ªã?¬ã?“ã?¹ã??ã??ã?·ä¿jã?·ã?·ã‘å?·ã·
    “ã?·ã?¹ã??ã? ä?jã??ã?»ã?¼ã?, ã??å?·ä¿jã?·ã?·ã?“ã··ã·¬ä½?ã??ã?·ã?ªã?·
    if message.content.startswith('!') or message.is_system():
        return

    # ä?jã?³ã?·ã?§ã?³ã?·ç?¹å®ã?·@ã?!ã?¼ã?¶ã?¼ã?«å?·ã?·ã?·ã??ã?·@ã·§ã?ªã?·å‘å
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    if len(message.mentions) == 0 or message.mentions[0].nick != 'èª°ã?·ã·
    @ã??ã??ã?¬ã?·ã?¼ã? i¼ã?·ã?·@ã??ã??ã?ºã?©ã? ä?·@ã ‘å?·ã?¬ã?·ã?·@ã??ã??ã??ã?·@ã··
    å?·ã??æ?³å®?i¼?':
        return

    history.append({'role': 'user', 'content': message.content})

    # Ollamaã?«ç??æ?·ã?ªã?¬ã?“ã?¹ã??ã??é?·ä¿jã?·ã?·|å??ç?ã??å?·ä¿j
    async with message.channel.typing():
        response = await get_ollama_response()

    history.append({'role': 'assistant', 'content': response})

    while len(history) > MAX_HISTORY_SIZE:
        history.pop(1) # ä½?è©±å±¥æ´ã?·@ã, ?é?·ã?«é?·ã?·ã?·ã??å?·±ã?·ã??ã·
    @ã??å??é?±

    await send_in_chunks(message.channel, response, message)

@bot.event
async def on_ready():
    """Discordã?µã?¼ã?·ã?¼ã?“æ?¥ç¶?ã?·ã?·ã?“ã··ã?·@ã?!ç?·?"""
    logging.info(f'{bot.user.name} is now running!')

def main():
    """ã??ã??ã??ã??èµ·å??"""
    bot.run(DISCORD_TOKEN)

if __name__ == '__main__':
    main()

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```
python bot.py
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Category

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Tags

1. AI
2. Discord
3. Discordã??ã??ã??
4. LLM
5. Python
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Date Created

2025å¹¹æ??21æ?¥

Author

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