



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¥¼ç??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?·
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```
# 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·
@ä?¿ä??ã?»ã?¼ã?,  ä½¢ä¼·ã·§ã·?i¼?
history = [{'role': 'system', 'content': SYSTEM_PROMPT}]
```

```
async def send_in_chunks(ctx, text, reference=None, chunk_size=2000):
    """"é?·ã·?ã?¿ä??ã?»ã?¼ã?,  ä??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·@ä?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·@ä?-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 "ª?ª?¬ã?¨ã?¹ã??ã·?ã?¿ã?ªã?  ä?¢ã?|ã??ã·?ã·¾ã·?ã·?ã??ã?·
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    except Exception as e:
        logging.error(f"An error occurred: {e}")
        return f"ã?¨ã?©ã?¼ã·?ç?°ç???: {e}"
```

```
@bot.event
async def on_message(message: Message):
    """
    # 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¿¿ã·?ã·?ã´å·?ã·
    ¬ã·¬ã?¹ã??ã?¬ã¿ã??ã?»ã½ã?, ä??å·?ä¿¿ã·?ã·?ã·¬ã·ã·¬ä½?ã??ã·?ã·ªã·?
    if message.content.startswith('!') or message.is_system():
        return

    # ä?¿ã?³ã·¬ã?§ã?³ã·?ç?¹å®?ã·@ã?¿ã½ã?¶ã½ã·«å·?ã·?ã·?ã??ã·@ã·§ã·ªã·?ã´å
    ·?ã·¬ä½?ã??ã·?ã·ªã·?
    if len(message.mentions) == 0 or message.mentions[0].nick != 'è°ã·?ã·
    @ã??ã??ã?¬ã·¬ã½ã? ì½ã·?ã·@ã??ã??ã?°ã?©ã? ä·@ã´å·?ã·¬ã·?ã·@ã??ã??ã??ã·@ã·
    å·?ã??æ?³å®?¿½?':
        return

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

    # Ollamaã·«ç??æ?·ãªã¬ã?¬ã?¹ã??ã??é?·ä¿¿ã·?ã·¿å??ç?ã??å·?ä¿¿
    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·@ä, ?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?µã½ã·¬ã½ã·¬æ?¥ç¶?ã·?ã·?ã·¬ã·ã·@å?¿ç·?"""
    logging.info(f'{bot.user.name} is now running!')

def main():
    """
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    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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