

- å, æ??èµ•å?ã•?ã•|ã•?ã??PCã•?ã•?ã??i¼?ã?µã?¼ã?•ã?¼ã•®ã?-ã?³ã?¿ã?«ç?ã•-ã¿ è|ã•?ã??ã•¼ã?ã?ã??i¼?

ã??ã??ã?°ã?©ã?

```
import requests
from bs4 import BeautifulSoup
import time
import os
```

```
# JMAã•®ã•²ã•¾ã•ã??ç?»å?•ã??ã?¼ã?, URLi¼?ä¾?i¼?æ??æ? °ã•®ç?»å?•ã??å?•?å¾?i¼?
JMA_URL = "https://tenki.jp/satellite/japan-near/"
```

```
DISCORD_WEBHOOK_URL = "ä°?â?•ã•«ç??æ?•ã?•ã?•Discordã?•ã?£ã?³ã?•ã?«ã•  
@webHook URL"
```

```
# ä¿•å?å??ã??ã?£ã?-ã?¬ã??ã?^
SAVE_DIR = "./himawari_images"
os.makedirs(SAVE_DIR, exist_ok=True)
```

```
def get_latest_image_url():
    try:
        # JMAã•@ã??ã?¼ã?,ã??å•?å¾?
        response = requests.get(JMA_URL, verify=False)
        response.raise_for_status()
        soup = BeautifulSoup(response.text, "html.parser")

        # ç?»å?•URLã??æ?ç´çi¼?ã¾?i¼?HTMLå??ã•@imgã?¿ã?°ã•@srcå±?æ?§i¼?
        # å®?é??ã•@HTMLæ§?é? å•«å•?ã?•ã•?ã•|èªæ?´ã•?å¿?è|•ã•§ã•?
        image_url = None
        elems = soup.find_all("img")
        for img in elems:
            if img.get("id") == "satellite-image":
                image_url = img["src"]
                break

        if image_url:
            # ç?,å¬¾ã??ã?¹ã??çµ¶å¬¾URLã•«å?æ•?
            if image_url.startswith("//"):
                image_url = "https:" + image_url
            return image_url
        else:
            print("ç?»å?•URLã??å•?å¾?ã•§ã••ã•¾ã•?ã??ã•§ã•?ã•?ã??")
            return None
    except Exception as e:
        print(f"ã?"ã?@ã?¼: {e}")
        return None
```

```
def download_image(url, filename):
    try:
        response = requests.get(url)
        response.raise_for_status()
        with open(filename, "wb") as f:
```

```
f.write(response.content)
print(f"ç?»â?•ã??ä¿•â?ã?•ã?¼ã?•ã??: {filename}")
return filename
except Exception as e:
    print(f"ç?»â?•ã??ã?|ã?³ã?ã?¼ã?ã?¨ã?©ã?¼: {e}")
    return

def send_to_discord(image_path, message="Himawari ç?»â?•"):
    try:
        with open(image_path, "rb") as f:
            files = {"file": f}
            data = {"content": message}
            response = requests.post(DISCORD_WEBHOOK_URL, data=data, files=files)
            response.raise_for_status()
            print("Discordâ•«ç?»â?•ã??é?•ä¿ã?•ã?¼ã?•ã?ã?")
    except Exception as e:
        print(f"Discordé?•ä¿ã?¨ã?¨ã?©ã?¼: {e}")

def main():
    while True:
        image_url = get_latest_image_url()
        if image_url:
            # ç?¼ã?¨æ?¥æ??ã??ã??ã?jã?ã?«â?•ã?«â?•ã?ã??
            timestamp = time.strftime("%Y%m%d_%H%M%S")
            filename = os.path.join(SAVE_DIR, f"himawari_{timestamp}.jpg")
            download_file = download_image(image_url, filename)
            if download_file:
                send_to_discord(download_file, "æ??æ?°ã?®ã?²ã?¼ã?•ã??ã?•
ç?»â?•ã?§ã??!")
            else:
                print(f"ç?»â?•ã?¼ã?ã?«â?±æ??ã?ã?¼ã?ã?ã?")
                # 2æ??é??ã?ã?¨ã?«â?®?è¿¿i¼?é•©â?®?èªæ?´i¼?
                time.sleep(7200)

if __name__ == "__main__":
    main()
```

â?®?è¿¿

ç§•ã?®â´â?ã?ã?æ¬¿ã?®ã??ã?ã?«Venvã??ã½¿ã?£ã?|ä»®æ?³ç?°â?ã??ã½¿ã?£ã?|ã?ã?¼ã?ã??

```
python3 -m venv venv #ä»®æ?³ç?°â?ã??ã½¿æ?•
. venv/bin/activate #ä»®æ?³ç?°â?ã??æ??ã?¹ã??
```

```
ä»®æ?³ç?°â?ã??ã½¿æ?ã?»æ??ã?¹ã??ã?ã?ã?ã?æ¬¿ã?®ã?³ã??ã?³ã??ã?§ã¿ è|ã?
ªPythonã?©ã?ã??ã?©ã?ªã?¼ã??ã?ã?³ã?¹ã??ã?¼ã?«ã?ã?¼ã?ã??
```

```
pip install requests bs4
```

```
PCã?ã??ã?ã?°ã?£ã?|ã??ã?ã?ã?ã?ã?ã?°ã?©ã?ã?â?®?è¿¿ã?ã??ç?¶ã?ã?ã??ã??ã?ã?«æ¬¿ã?
®ã?³ã??ã?³ã??ã?§ã??ã?ã?ã?©ã?ã?èµ.â?ã?ã?¼ã?ã??
```

```
nohup python3 main.py &
```

Discordã•«é?•ä¿jã•?ã??ã•?ç?»å?•ã•§ã•?ã??



è?ªå??ã•?ä½?ã•£ã•?ã??ã?ã?°ã?ã?ã??Discordã•«ã??ã?¼ã?¿ã??é?•ä¿jã•?ã??ã•®ã•-å®¹æ??ã
§ã•?ã??ç?°jã•?ã•ªã??ã?ã?°ã?©ã?ã•ªã•®ã•§ã??ã?ã?°ã?©ã??ã?³ã?°å?•å!è?ã•®å!ç¿?ã??ã?¼ã??ã•«ã•
?ã•jã??è?¬ã?ã•?ã?ã?¢ã?ªã??ã?¢æ¬¡ç¬¬ã•§æ¥½½ã?ã•
?ã?µã?¼ã??ã?¼ã??ã?³ã??ã?¥ã??ã??ã?£ã?¼é?å?¶ã•«å°?å ¥ã•?ã??ã?ã•ã??ã•§ã•ã•¼ã•?ã??

Category

1. æ?¥ã?ã•®æ´»å??
2. ç?-ã??è"?

Tags

- 1. Discord
- 2. Python
- 3. ä,?é??å??å,?
- 4. å▯©æ°?
- 5. å±±±æ€`ç??

Date Created

2025å¹5æ??24æ?¥

Author

kazuo-tsubaki

default watermark