Webex Developer - Weather Chat Bot

Teodor Lungu

March 22, 2022

1 General Description

The Cisco Webex bot has been constructed according to the instructions given within the Cisco Engineering Incubator 9.0. The bot is designed to print the weather in different ways, as will be highlighted in the next section. The command that the bot accepts are irrespective of capitalization of letters, to make usage easier.

Tools used:

1. Cisco Developer Bot API - for the registration of the bot within the Webex environment

2. ngrok - tunneling requests

3. flask - bind bot functions to the specific URL – public HTTPS URL created using ngrok

4. OpenWeatherMap API - used for weather

5. ip-api - maps IP address to specific geographical location
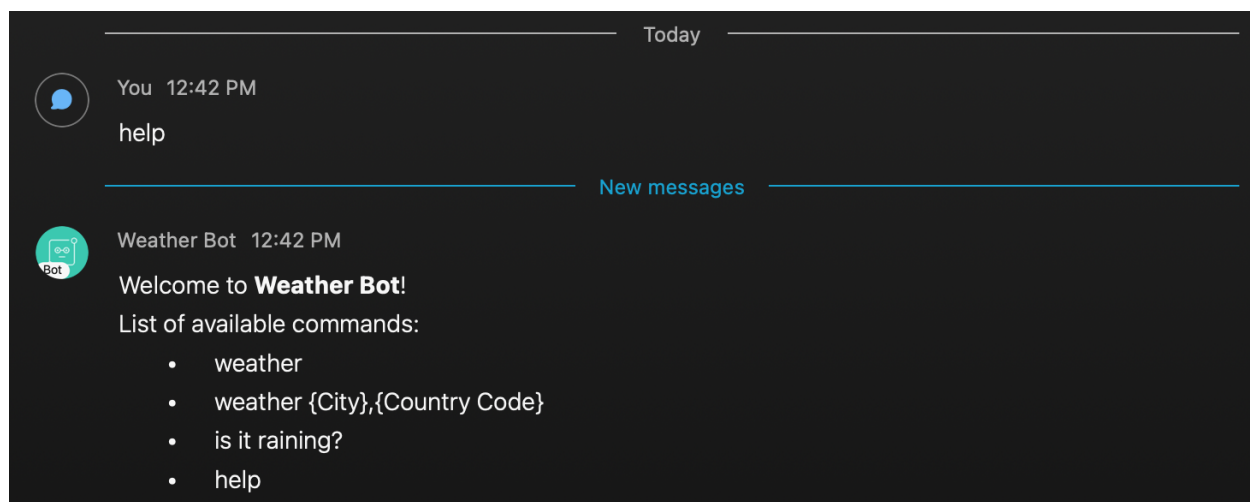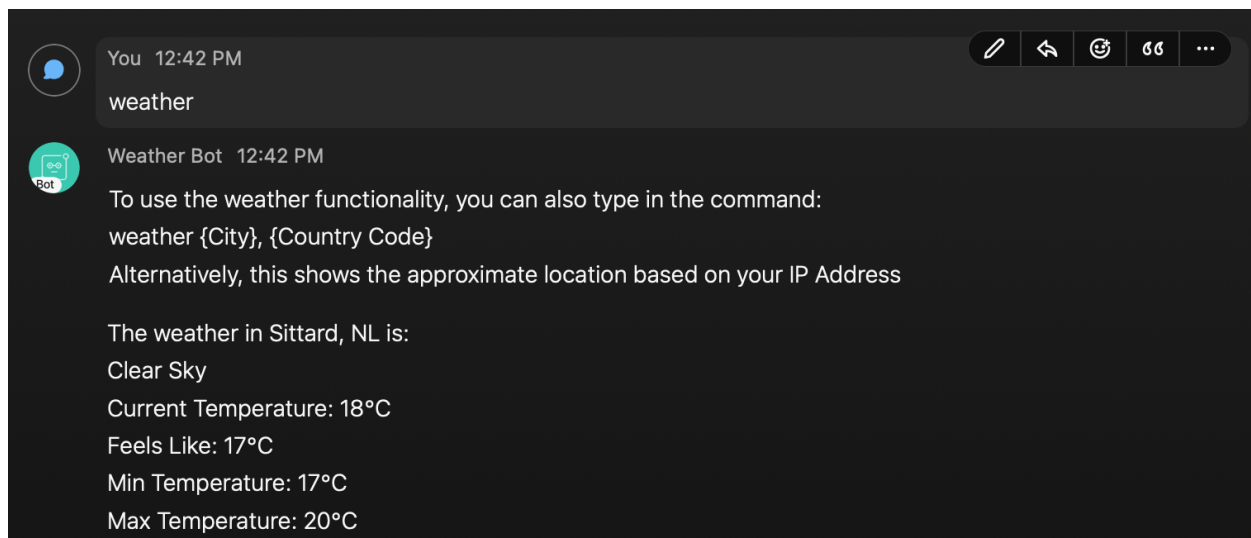
2 Usage

Figure 1: Help Function
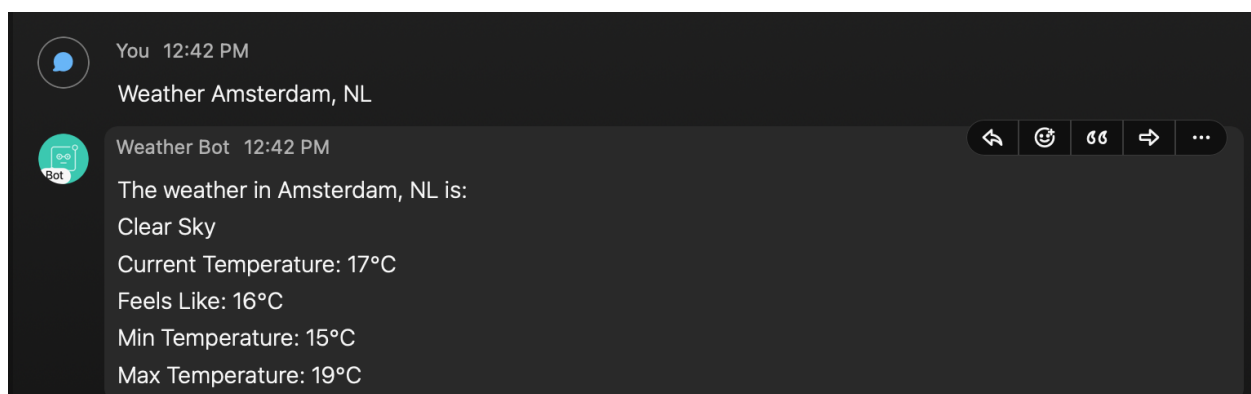
Figure 2: Weather Command

Figure 3: Weather for City with Country Code

Figure 4: Is It Raining?