Chatgpt Linux commands

User's Guide

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> Project Outline
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Provides Linux environment CLI commands that allow you to communicate with

the Open AI server in a Linux environment.

> Project Features
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- Provides a Linux-based CLI command feature that anyone can easily use.

- Provides a server and Linux-only CLI command for convenient communication

  with the Open AI server.

- In a CLI environment, you can use services provided by Open AI with only

  Linux commands.

> Services provided
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- It provides various services such as asking questions, checking grammar,

  creating voice file scripts, analyzing emotions, translating sentences,

  summarizing sentences, extracting top keywords, etc.

- Services are available on many Linux-based operating systems, including

  Amazon Linux, Mac OS, and Ubuntu.

> Key Service Targets

- Hardware companies developing using Linux commands

- Companies aiming to introduce Open AI server utilization

- Who wants to get a clean response from Open AI Server

- Anyone interested in Linux commands

- Who wants to use the chatgpt service when developing a server in a Linux environment

> Service Configuration

Command	Command Format	Description
Help	chatAsk–help	Show user manual.
Ask questions	chatAsk -m "Content of questions"	chatgpt and show the answers to the questions.
End of session	chatAsk–clear	End of question session (provides refresh).)
Grammar Check	chatAsk -gc "Question Content"	Grammar Check for English Sentences. Correct the sentence if the grammar is wrong or show the sentence as it is.
Voice conversion	chatAsk -at voice file.m4a	When a voice file is sent, the contents of the voice file are displayed in text format.
Emotional Analysis	chatAsk -md "Question Content"	Emotional Analysis for Sentences. Emotional Analysis is classified into three categories: negative, positive, and netal.
Sentence Translation	chatAsk -t "Question Contents"	English sentences are translated into Korean and shown.
Sentence Summary	chatAsk -md "Question Content"	Shows a short summary of the long sentence.
Top search terms	chatAsk–rank	Shows the top five question keywords that users usually ask.

※ This command can be added at any time thereafter

> File structure

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1. shell folder

There is a configuration shell script (ChatgptCommand.sh) that allows you to register Linux commands (chatAsk) as alias to run commands within a Linux-based CLI environment.

2. src folder

A project file for the Springboot server exists.

3. Other files

A Springboot-only file & folder exists.

> How to use the service

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I. You want to run the Spring Server locally and use it

```
git clone https://github.com/YGwan/spring-chatgpt-communication.git
cd spring-chatgpt-communication/shell
source chatgptCommand.sh
```

1. **Download git and java version 11 (you can skip it if it's already down)**

2. **Run the ChatgptCommand.sh file on the Linux server by running the above command**

```
[ec2-user@ip-172-31-40-7 demo]$ sudo chmod 777 ./gradlew
[ec2-user@ip-172-31-40-7 demo]$ ll ./gradlew
-rwxrwxrwx 1 ec2-user ec2-user 5296 Feb 21 05:04 ./gradlew
[ec2-user@ip-172-31-40-7 demo]$ ./gradlew build
Downloading https://services.gradle.org/distributions/gradle-6.0.1-bin.zip
..............................................................................

Welcome to Gradle 6.0.1!
...
Starting a Gradle Daemon (subsequent builds will be faster)
...

BUILD SUCCESSFUL in 2m 17s
5 actionable tasks: 5 executed




[ec2-user@ip-172-31-40-7 demo]$ cd build/libs/
[ec2-user@ip-172-31-40-7 libs]$ java -jar spring-chatgpt-communication-0.0.1-SNAPSHOT.jar
```

3. **Run the above command on a Linux-based server to obtain execution privileges and deploy the project build and server (at this time, ensure that the ip in the shell script is localhost)**

4. **Access the terminal to view the command format provided through chatAsk-help**

5. **Use the commands provided and check the results**

II. How to use a deployed server

```
git clone https://github.com/YGwan/spring-chatgpt-communication.git
cd spring-chatgpt-communication/shell
source chatgptCommand.sh
```

1. **Check Deployed Server (The server is currently stopped due to a cost issue. If necessary, please contact us.)**

2. **Download git and java version 11 (you can skip it if it's already down)**

3. **Run the above command on the Linux server to run the chatgptCommand.sh file (make sure the ip address in the shell script matches the deployed server address)**

4. **Access the terminal to view the command format provided through chatAsk-help**

5. **Use the commands provided and check the results**

Currently, the server ip address of the shell script is set to localhost and the port is set to 8081. To use the deployed server, you can modify the part of the file with the server address and port obtained after inquiring.

> Additional contribution methods
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I.   Using Social Email

Send mail to devygwan@gmail.com

II.   Using github

PR with information on the direction you want to contribute

※Answers may take up to one week.

> Reference Materials
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https://platform.openai.com/docs/

Thank you.