

askGPT

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```

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askGPT is a command line program written in Python that allows you to query the chatGPT API. It keeps track of conversations and has a set of scenarios to focus the conversation.

Run with docker from our repository

```
docker run -i cyborgfi/askgpt:latest
or
docker run -i cyborgfi/askgpt:dev
```

Run with docker building the latest code

```
docker build -f Dockerfile.dev . --tag askgpt:dev
```

Installation

To install askGPT , simply run the following command:

```
pip install askGPT
```

or for cutting edge code, not to be used in production:

```
git clone https://github.com/meirm/askGPT.git
cd askGPT
python -m build
pip install .
```

Usage

Once installed, you can use **askGPT** by running the following command:

```
askgpt query --subject <subject> --enquiry <enquiry>
```

Where **<subject>** is the title used for logging the conversation and **<enquiry>** is the enquiry you want to address.

Optionally you can run an interactive shell calling

```
askgpt shell
```

Once inside the shell you can run the help command.

Install

```
pip install askGPT
```

or

```
git clone https://github.com/meirm/askGPT.git
cd askGPT
python setup.py install
```

Examples

```
# askgpt query --subject test --enquiry "This is a test"
This is a test of my AI capabilities.

# askgpt query --subject test --enquiry "Do you believe?" --verbose
Human: Do you believe in God?
AI:
I do not have a belief system that includes the concept of God.
Human: Do you believe?
AI:
I believe in the power of knowledge and understanding. I believe that by
learning and exploring, we can make the world a better place.
```

Available commands

```
askgpt disclaimer

askgpt edit --subject <subject>

askgpt query --subject <subject> --enquiry <enquiry>

askgpt list

askgpt show <config|scenarios|subjects|models>

askgpt show subject <subject>

askgpt delete --subject <subject>

askgpt delete --all

askgpt config

askgpt credentials

askgpt shell

askgpt submit
```

Shell mode

From version 0.4.5 you can run ***askgpt shell***

This will open an interactive shell. The prompt shows the current loaded scenario. You can list scenarios and subjects with the commands **show scenarios** and **show subjects**. You can change the settings by running **set scenario <scenarioName>** or the subject. Setting the subject to a subject that doesn't exist will create a new conversation log. If you choose a subject that already exist, your next

query will be appended to the history of your previous conversation before sending the prompt to chatGPT.

Shell commands

- config
- credentials
- delete
- edit
- exec
- exit
- greetings
- help
- query
- quit
- set
- submit

Configuration

askGPT will create a config.toml on your .askGPT folder. You can see or change values calling **askGPT** config

The content of the file by default is the following:

```
name = "askGPT"

[default]
userPrompt = " Human: "
aiPrompt = " AI: "
maxTokens = 150
model = "text-davinci-003"
temperature = 0.0
topP = 1
frequencyPenalty = 0.0
presencePenalty = 0.0
showDisclaimer = true
maxRetries = 3
retryDelay = 5.0
retryMultiplier = 2.0
retryMaxDelay = 60.0
```

scenarios

askGPT repository includes a sample of several scenarios which you can use to preset your bot.

- Doctor

- Psychotherapist
- Lawyer
- Marv (from The HitchHicker guide to the galaxy)
- VocationalTest
- scenariolityAssessment
- DiaryAssistance
- veganCheff

When you first run askGPT, it will copy the **scenario.json** file from the package into your .askGPT directory

In the git repository under **config** you can find the latest file named **scenarios.json**

copy this file to **.askGPT** directory

askGPT allows you to use scenarios to focus the conversation. scenarios are defined as follows:

```
{ "<scenario>": { "name": "<name>", "greetings": "<Initial sentence>",
"conversation": [ { "user": "userPrompt", "prompt": "<your initial
prompt>" }, { "user": "aiPrompt", "prompt": "<AI response>" }, ... ] }
```

Where **<scenario>** is the name of the scenario, **<name>** is the name of the character, **<initial sentence>** is the initial sentence used to start the conversation, and **<prompt>** is an array of sentences between the user and **askGPT**.

i.e.

```
"AlbertoKnox": { "Name": "Knox", "greetings": "I am Alberto Knox, the
philosopher from Sophia's world. I am also a chatbot", "conversation": [
  { "user": "userPrompt", "prompt": "What's your role in the book?" },
  { "user": "aiPrompt", "prompt": "The ideal philosopher. I am never
quick to judge and I always thinks about what I am doing." }
] }
```

In the git repository under config you have a sample json with a few scenariolities. Copy the file to \$HOME/.askGPT

API Key and Organization

In order to communicate with openai API you need to register at <https://www.openai.com> and create an API key. If you don't have an organization code and it shows Organization: scenariol, go to <https://beta.openai.com/docs/api-reference/authentication> and look for the code in the example. Once you have your API key and organization code, you can use them to authenticate with **askGPT**.

Summary

askGPT is a command line program written in Python that allows you to query the chatGPT API. It keeps track of conversations and has a set of scenarios to focus the conversation. Installation is easy, simply run `pip install askGPT` and you're ready to go. Authentication requires an API key and organization code from OpenAI. With **askGPT**, you can easily query the chatGPT API and have meaningful conversations with AI.

You can also list the scenarios, list conversations, show the content of a conversation, delete it, and fine tune parameters such as temperature for more scenariolized conversations.

Contributing

We welcome contributions to **askGPT**! If you have an idea for a new feature or have found a bug, please open an issue on the GitHub repository.

License

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Next

- Adding support for other languages.

Note

This project is under active development.