askGPT

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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 Latest release

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

Run with docker development version

```
docker run -i cyborgfi/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
user Do you believe in God?
assistant:
I do not have a belief system that includes the concept of God.
user: Do you believe?
assistant:
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 help

askgpt  man

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 commmands `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.

Essential Shell commands

- config
- credentials
- set
- help
- man
- query

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]
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": [ {"role":"user", "content":"<your initial prompt>"},
{"role": "assistant", "content": "<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":[
    {"role": "user", "content": "What's your role in the book?"},
    {"role": "assistant", "content": "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. Once you have your API key, 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.