

# 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 personas to focus the conversation.

## 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 setup.py 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.

## 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 query --subject <subject> --enquiry <enquiry>

askGPT list

askGPT show <config|personas|subjects|engines>

askGPT show subject <subject>

askGPT delete --subject <subject>

askGPT delete --all

askGPT config

askGPT credentials
```

## 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  
engine = "text-davinci-003"  
temperature = 0.0  
topP = 1  
frequencyPenalty = 0.0  
presencePenalty = 0.0  
showDisclaimer = true
```

## Personas

**askGPT** allows you to use personas to focus the conversation. Personas are defined as follows:

```
{<persona>: {"name": "<name>", "greetings": "<Initial sentence>",  
  "prompt": [ {"user": "Human", "prompt": "<your initial prompt>"}, {"user":  
  "AI", "prompt": "<AI response>"}, ... ]}}
```

Where **<persona>** is the name of the persona, **<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", "prompt": [  
  {"user": "Human", "prompt": "What's your role in the book?"},  
  {"user": "AI", "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 personalities. Copy the file to **\$HOME/.askGPT**

If you do not have a personas.json file in the directory, the program will load with a Neutral persona without any background.

## 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: Personal, 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 personas 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 personas, list conversations, show the content of a conversation, delete it, and fine tune parameters such as temperature for more personalized conversations.

## Next

- Adding support for other languages.

## Note

This project is under active development.