



A simple Langchain RAG application.

☆ 854 stars

🍴 470 forks


👁 10 watching

🌿 Branches

📈 Activity

🏷 Tags

🌐 Public repository

 **pixegami**

Merge pull request #10 from williamagyapong/main

c6e0454 · last year

data/books	add RAG example	2 years ago
.gitignore	Updated file with .env	last year
README.md	Included link to YouTube video tut...	last year
compare_embeddings.py	Replaced deprecated langchain m...	last year
create_database.py	Replaced deprecated langchain m...	last year
query_data.py	Replaced deprecated langchain m...	last year
requirements.txt	Included other necessary depende...	last year

📖 README

Langchain RAG Tutorial

Install dependencies

- Do the following before installing the dependencies found in requirements.txt file because of current challenges installing onnxruntime through pip install onnxruntime .
 - For MacOS users, a workaround is to first install onnxruntime dependency for chromadb using:

```
conda install onnxruntime -c conda-forge
```

See this [thread](#) for additonal help if needed.

- For Windows users, follow the guide [here](#) to install the Microsoft C++ Build Tools. Be sure to follow through to the last step to set the environment variable path.

2. Now run this command to install dependencies in the `requirements.txt` file.

```
pip install -r requirements.txt
```



3. Install markdown dependencies with:

```
pip install "unstructured[md]"
```



Create database

Create the Chroma DB.

```
python create_database.py
```



Query the database

Query the Chroma DB.

```
python query_data.py "How does Alice meet the Mad Hatter?"
```



You'll also need to set up an OpenAI account (and set the OpenAI key in your environment variable) for this to work.

Here is a step-by-step tutorial video: [RAG+Langchain Python Project: Easy AI/Chat For Your Docs.](#)

Releases

No releases published

Packages

No packages published

Contributors 2



williamagyapong William Ofosu Agyapong