

first\_env

### **IMPORTANT DOCUMENTS:**

main/DB\_AGENT.py: first agent that takes prompt template

main/getter\_files\_text.py: first getter\_files that chunks better text than code

rescope/prompt\_template\_agent.py: agent that takes prompt in initialization for the first fase of the Rescope (only 1 file on db)

rescope/retrieval\_agent\_first\_fase.py: multiple prompt templates in code

**MORE DOCUMENTS:** All the other documents in main and rescope are just basic tutorials that helped me learn how to use some tools and stuff.

new\_env

### **IMPORTANT DOCUMENTS:**

*custom\_agent.py*: standard agent with Retrieval and Python REPL tools to respond to second fase queries (14 files in db).

**environment.py**: file that makes the custom\_agent work and write the answer in a new file, using the File System Tool.

All the following files are important because they where used to complete the excel to study performance of different setups: map\_reduce\_retrieval\_baseline.py, refine\_conversational\_baseline.py, refine\_retrieval\_baseline.py, refine\_sourceschain\_baseline.py, refine\_sourceschain\_baseline.py, refine\_sourceschain\_prompt\_chain.py, stuff\_conversational\_baseline.py, stuff\_\* ...

**MORE DOCUMENTS:** All the other documents are just basic tutorials that helped me learn how to use some tools and stuff.

## Final\_week

### **IMPORTANT DOCUMENTS:**

All the **final\_\*** files are the top 3 configurations extracted from the excel.

The **getter\_files\_\*** are the best versions and these are the ones that must be used

The files **refine\_retrieval\_pyhon.py** and **refine\_sourceschain\_python.py** are important, because the 'stuff' doesn't work so well as expected from the excel. 'refine' gains advantage when the db contais large files with python code being chunked into numerus documents.

**NOTE:** the \*\_python.py reference at the end of the name s of the files, represent that those are directed to querying the db with the broken python github repo.

# **MY FINAL TAKE:**

The files that I consider more important and relevant to the R&D project are:

New\_env/custom\_agent.py

New\_env/environment.py

New\_env/open\_lists\_queries.py & lists\_queries.py

All the files from 'final\_week'

(The files used to complete the excel in 'new\_env' if you want to check how to pass prompts into 'refine' and 'stuff' retrievers from different chains)