


The User manual for Retrieval-Augmented Generation (RAG) System

1 Register and Log in

1. Go to this link <https://35.224.99.230:9222/>
2. Sign up a new user

35.224.99.230:9222/



Sign in

We're so excited to see you again!

* Email

Please input email


* Password

Please input password

☐ Remember me

Don't have an account? [Sign up](#)

Sign in



Create an account

Glad to have you on board!

* Email

sz3196@columbia.edu

* Nickname

sz3196

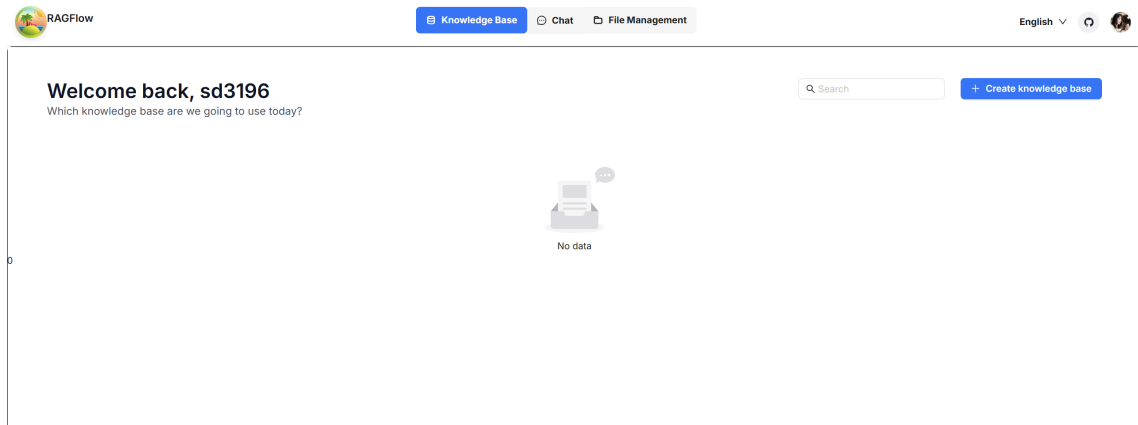
* Password

.....

Already have an account? [Sign in](#)

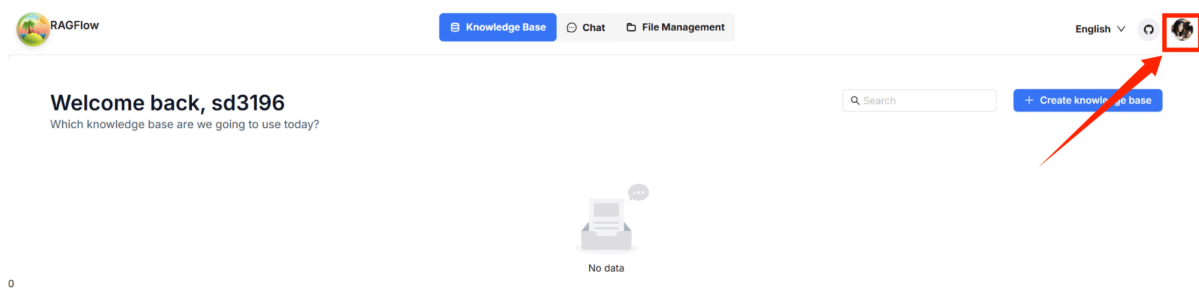
Continue

3. Log in, and you will get something like:



2 Set the Language Model

1. Go to the user setting



2. In 'Model Providers', click "add the model" button under ollama

3. Configure the setting as follows:

Add LLM



* Model type

embedding

* Model name

llama3.2:3b

* Base url

http://35.224.99.230:11434

API-Key

Please enter the API key (for locally deployed model, ignore this).

* Max Tokens

2048

How to integrate Ollama

Cancel

OK

- model name: llama3.2:3b
- Base url: <http://35.224.99.230:11434>
- max token 2048

4. Similarly, add another model with type "chat"

Add LLM



* Model type

chat



* Model name

llama3.1:8b

* Base url

http://35.224.99.230:11434

API-Key

Please enter the API key (for locally deployed model, ignore this).

* Max Tokens

2048

Does it support Vision?

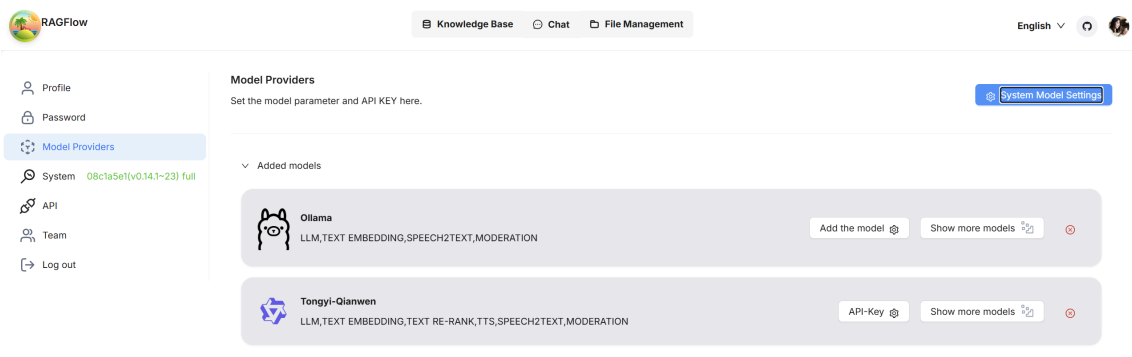


How to integrate Ollama

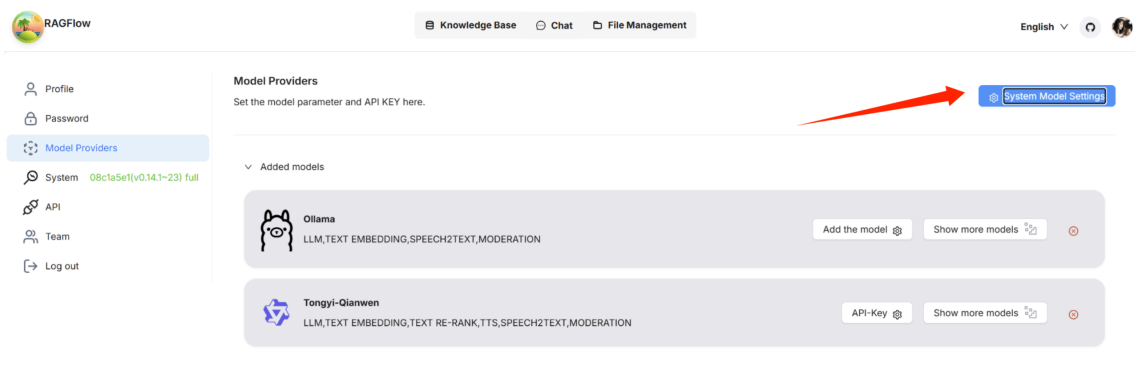
Cancel

OK

- model type: chat
- model name: llama3.1:8b
- Base url: <http://35.224.99.230:11434>
- max token 2048



5. Then click the system model settings, select the two models we add above in the pull list



System Model Settings

Chat model ?

llama3.1:8b

Embedding model ?

llama3.2:3b

Img2txt model ?

qwen-vl-max@Tongyi-Qianwen

Sequence2txt model ?

paraformer-realtime-8k-v1@Tongyi-Qianwen

Rerank Model ?

BAAI/bge-reranker-v2-m3

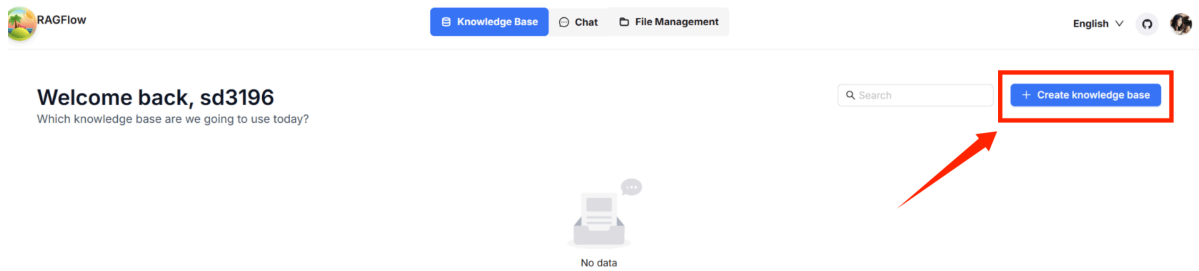
TTS Model ?

Cancel

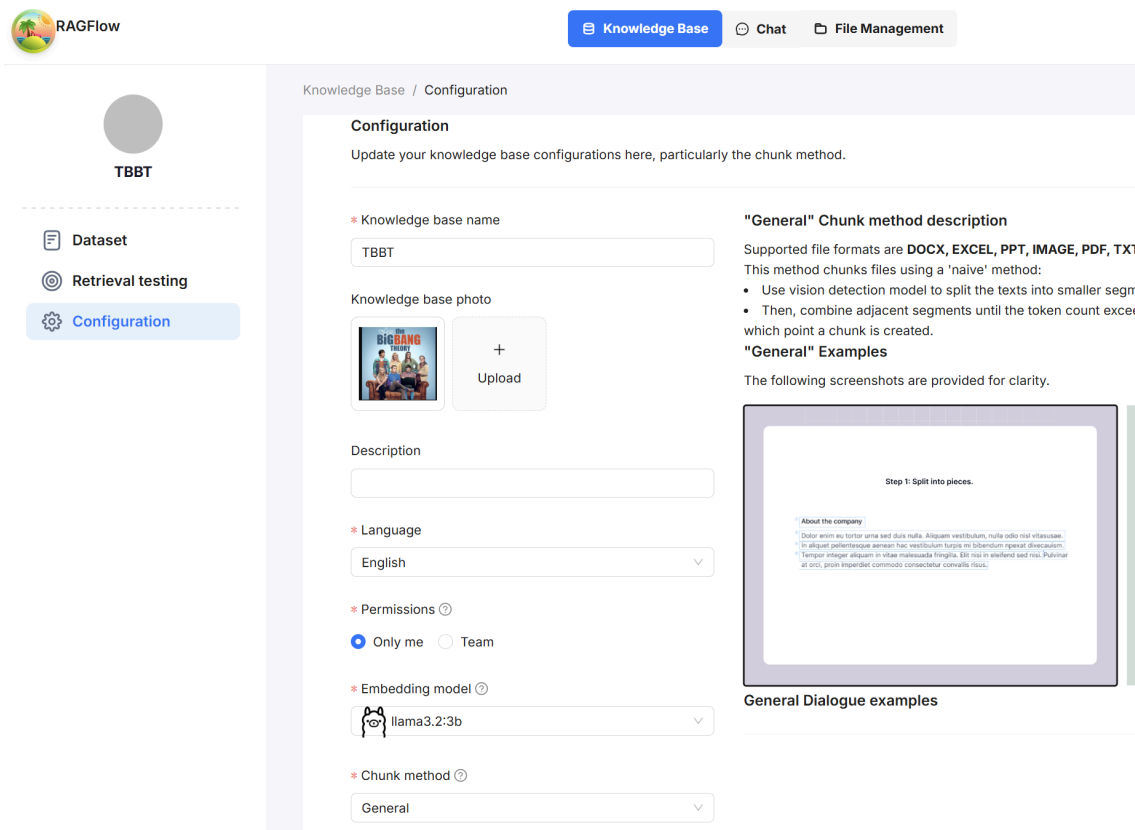
OK

3. Set Knowledge Base

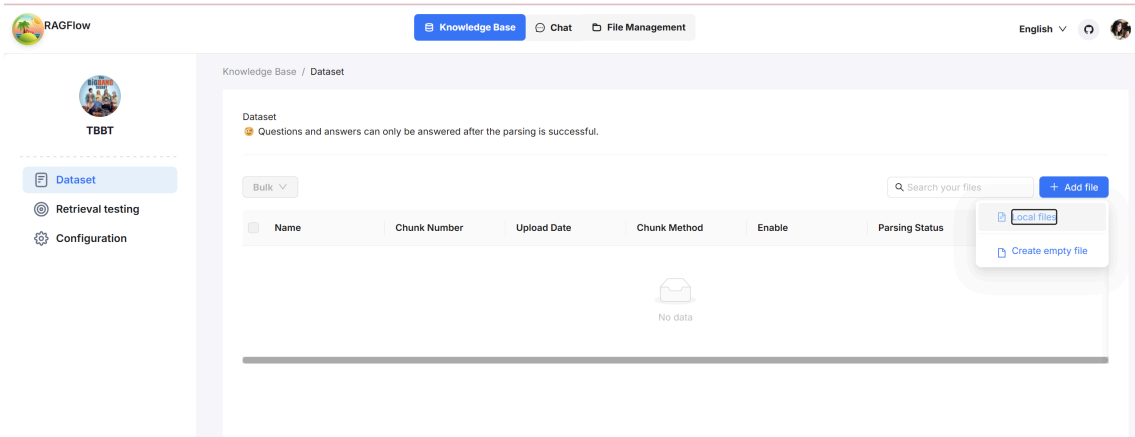
1. Click the button and create a Knowledge Base



2. Set the embedding model in llama3.2:3b



3. add the file








4. start parsing and wait until its finish

Bulk ▾


Q Search your files

+ Add file

<input type="checkbox"/>	Name	Chunk Number	Upload Date	Chunk Method	Enable	Parsing Status	Action
<input type="checkbox"/>	 The_Big_Bang_T...	0	19/12/2024 20:41:12	General	<input checked="" type="checkbox"/>	UNSTART	<div><div></div><div></div></div>

Total 1 < 1 > 10 / page ▾






Dataset

 Questions and answers can only be answered after the parsing is successful.

Bulk ▾

Q Search your files


+ Add file

<input type="checkbox"/>	Name	Chunk Number	Upload Date	Chunk Method	Enable	Parsing Status	Action
<input type="checkbox"/>	 The_Big_Bang_T...	6	19/12/2024 20:41:12	General	<input checked="" type="checkbox"/>	SUCCESS	<div><div></div><div></div></div>


Total 1 < 1 > 10 / page ▾

4. Create a chat assistant and talk to it

1. click "Create an Assistant", and select the knowledge base we create before


RAGFlow

Create an Assistant
Chat 0


Chat Configuration
Here, dress up a dedicated assistant for your special knowledge bases!

Assistant Setting
Prompt Engine
Model Setting

* Assistant name

bot1

Description of assistant

chat.descriptionPlaceholder

Assistant avatar

+
Upload

Empty response ?

Set an opener ?

Hi! I'm your assistant, what can I do for you?

Show Quote ?

☒

Text to speech ?

☐

* Knowledgebases ?

TBBT

TBBT

Cancel
OK

2. add a chat and talk to it!

The screenshot displays a chat application interface. At the top, there are tabs for 'Knowledge Base', 'Chat', and 'Management'. Below these, a 'Create an Assistant' button is visible. The main chat area shows a conversation with an assistant named 'bot1', described as 'A helpful Dialog'. The assistant's initial message is 'Hi! I'm your assistant, what can I do for you?'. The user's first question is 'Tell me something about the Character Howard from the TV series The Big Bang Theory.'. The assistant responds with a detailed answer: 'According to our knowledge base, here's what we have on Howard Wolowitz: Howard Wolowitz is an aerospace engineer and one of the main characters in The Big Bang Theory. He is known for his big personality and a penchant for flashy clothes. As part of the group of friends living together, he often finds himself involved in humorous situations alongside Sheldon Cooper, Leonard Hofstadter, Rajesh Koothrappali, and Penny. The answer you are looking for is found in the knowledge base!'. Below the text, a citation is provided: 'The_Big_Bang_Theory_Introduction.pdf'. The user's second question is 'Tell me more about Howards' Family'. The assistant responds with another detailed answer: 'According to our knowledge base: Howard lives with his overly protective mother in her home. His interactions with his unseen mother are a recurring comic theme throughout the series. This information suggests that Howard's family life is an important aspect of his character, and his relationship with his mother often provides humor and insight into his personality. The answer you are looking for is found in the knowledge base!'. At the bottom, there is a text input field labeled 'Message the Assistant...' and a 'Send' button.

We can see the assistant is answering the question using the knowledge from the knowledge base we created. It can be a powerful solution for processing unstructured documents and delivering intelligent, context-aware answers.