

What is your purpose?
ChatOnly

Which LLM?
LocalLLM

Input your API address of Local LLM
http://localhost:9997/v1

The local LLM server:
OLLAMA

Select model
gemma2:9b-instruct-q8_0

Temperature:
0.10

Deploy

Hello, I am a bot. How can I help you?

工作区

功能、LLM模型、模型参数设置区

Clear message history

Re-start the session

Stop the server

Type your message here...



What is your purpose?
ChatOnly

Which LLM?
LocalLLM

Input your API address of Local LLM
http://localhost:9997/v1 **本地LLM**

The local LLM server:
OLLAMA **API地址**

Select model **模型选择页面**
gemma2:9b-instruct-q8_0

temperature:
0.10

No. Context:
10000 **模型参数设置**

No. GPU layers:
100

Clear message history

Re-start the session

Stop the server

What is your purpose?
ChatOnly **功能选择**

ChatOnly 聊天

CodeWriter 写代码

DocAnalyzer 文献分析

DocTransEdit 修改论文, 翻译论文

Which LLM?
LocalLLM | **商业LLM还是本地LLM?**

LocalLLM

Rapidapi

CommercialLLM

Which LLM?
CommercialLLM

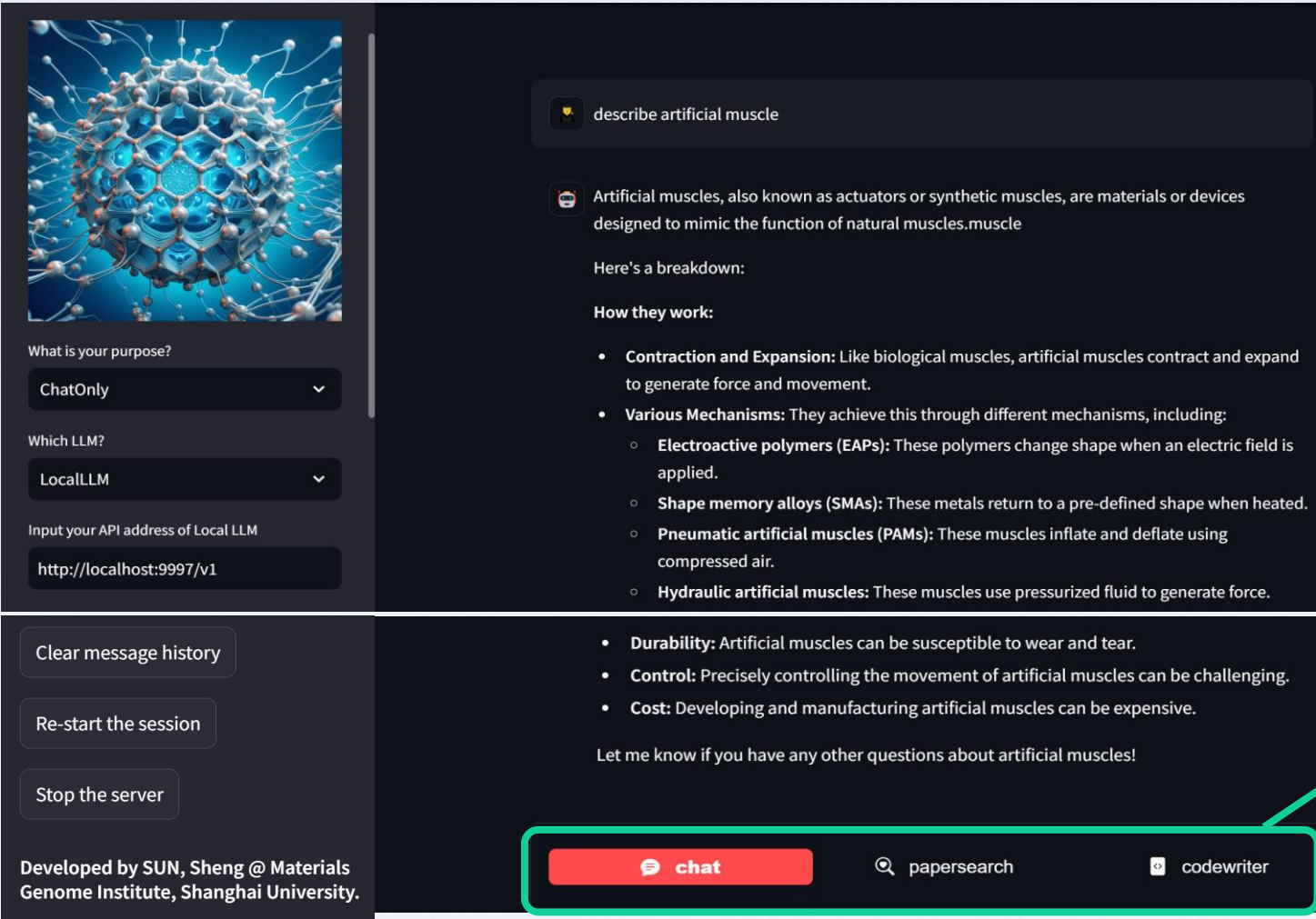
Which Company?
 Spark
 deepseek
 openai

Input Your API Key
sk-11111111111111111111111111111111

Select model **商业LLM选择 and 设置页面**
Spark Lite

Input Your Spark APP ID
XXXXXXXXXX

Input Your Spark API Secret
XXXXXXXXXXXXXXXXXXXX



describe artificial muscle

Artificial muscles, also known as actuators or synthetic muscles, are materials or devices designed to mimic the function of natural muscles.muscle

Here's a breakdown:

How they work:

- **Contraction and Expansion:** Like biological muscles, artificial muscles contract and expand to generate force and movement.
- **Various Mechanisms:** They achieve this through different mechanisms, including:
 - **Electroactive polymers (EAPs):** These polymers change shape when an electric field is applied.
 - **Shape memory alloys (SMAs):** These metals return to a pre-defined shape when heated.
 - **Pneumatic artificial muscles (PAMs):** These muscles inflate and deflate using compressed air.
 - **Hydraulic artificial muscles:** These muscles use pressurized fluid to generate force.
- **Durability:** Artificial muscles can be susceptible to wear and tear.
- **Control:** Precisely controlling the movement of artificial muscles can be challenging.
- **Cost:** Developing and manufacturing artificial muscles can be expensive.

Let me know if you have any other questions about artificial muscles!

What is your purpose?
ChatOnly

Which LLM?
LocalLLM

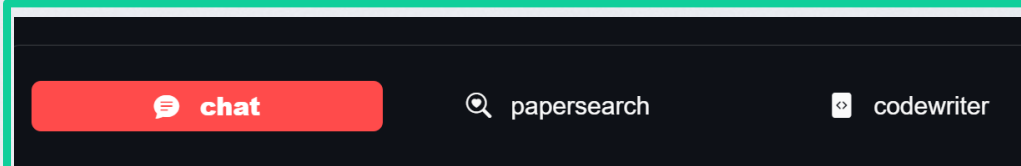
Input your API address of Local LLM
http://localhost:9997/v1

Clear message history

Re-start the session

Stop the server

Developed by SUN, Sheng @ Materials Genome Institute, Shanghai University.



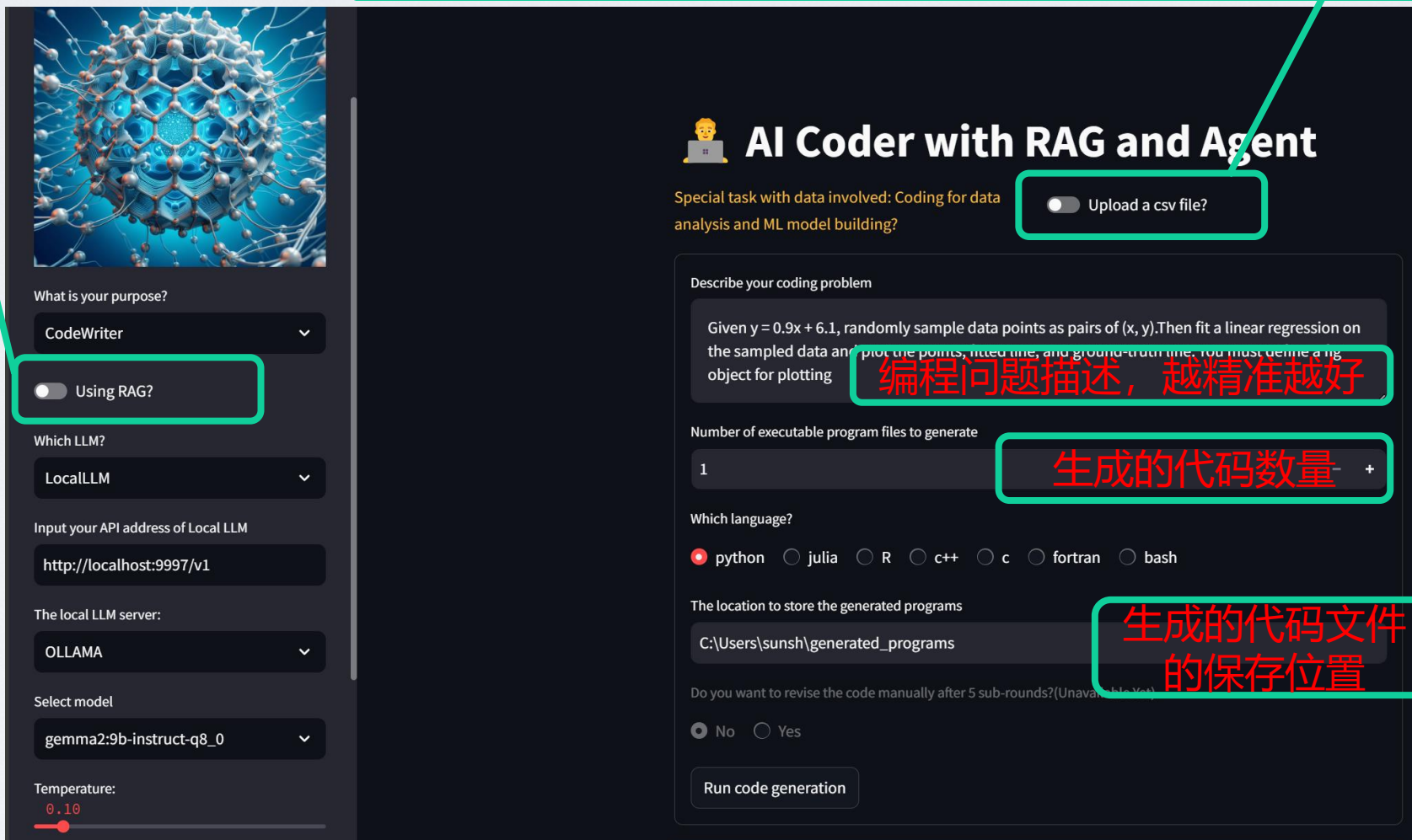
chat papersearch codewriter

- **Papersearch** : 如果有聊天历史, 点此按钮会使用LLM自动总结聊天历史到关键字; 通过总结的关键字, LLM会调用Agent, 在ArXiv或SematicScholar上开展学术搜索; LLM会分析搜索结果, 提出进一步的搜索关键词, 开展进一步搜索。最后会根据所有搜索结果, 打印出可能的研究方向。
- **Coderwriter**: 如果有聊天历史, 点此按钮会使用LLM根据聊天历史猜测用户需求, 使用python撰写程序, 完成用户需求。如果运行了python代码执行的API接口, 可以对生成的程序进行自动测试, 返回测试结果, 并根据信息进行程序更新, 直至程序运行成功, 并保存运行成果的程序到文件。

如果使用了multimodal LLM模型 (例如LLAVA), 聊天界面会跳出图片上传功能区, 可以上传图片, 开展图片的问答分析

可以上传CSV格式的数据文件，在问题描述中描述此数据文件，让LLM生成针对此数据文件的ML建模代码

可以上传程序手册等，让LLM在撰写程序前参考 (RAG)



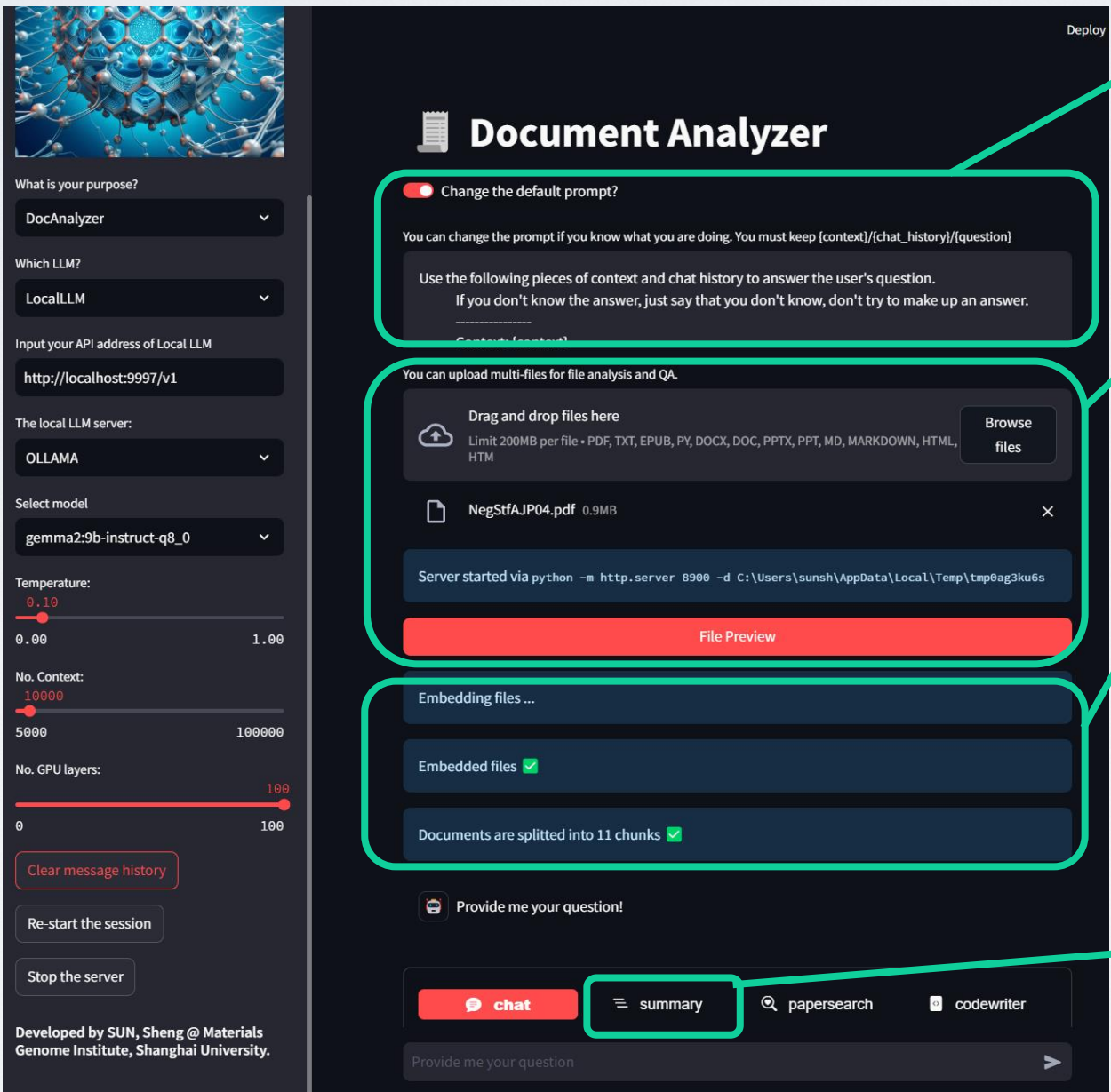
The screenshot shows the 'AI Coder with RAG and Agent' interface. On the left, there is a sidebar with configuration options: 'What is your purpose?' (CodeWriter), 'Using RAG?' (toggle), 'Which LLM?' (LocalLLM), 'Input your API address of Local LLM' (http://localhost:9997/v1), 'The local LLM server:' (OLLAMA), and 'Select model' (gemma2:9b-instruct-q8_0). The main area is titled 'AI Coder with RAG and Agent' and includes a toggle for 'Upload a csv file?'. Below this is a text input field for 'Describe your coding problem' containing a linear regression problem description. Other settings include 'Number of executable program files to generate' (1), 'Which language?' (python), and 'The location to store the generated programs' (C:\Users\sunsh\generated_programs). A 'Run code generation' button is at the bottom.

编程问题描述，越精准越好

生成的代码数量

生成的代码文件的保存位置

对python代码，如果在8082端口运行了python代码执行的API，会执行自动执行反馈更正程序

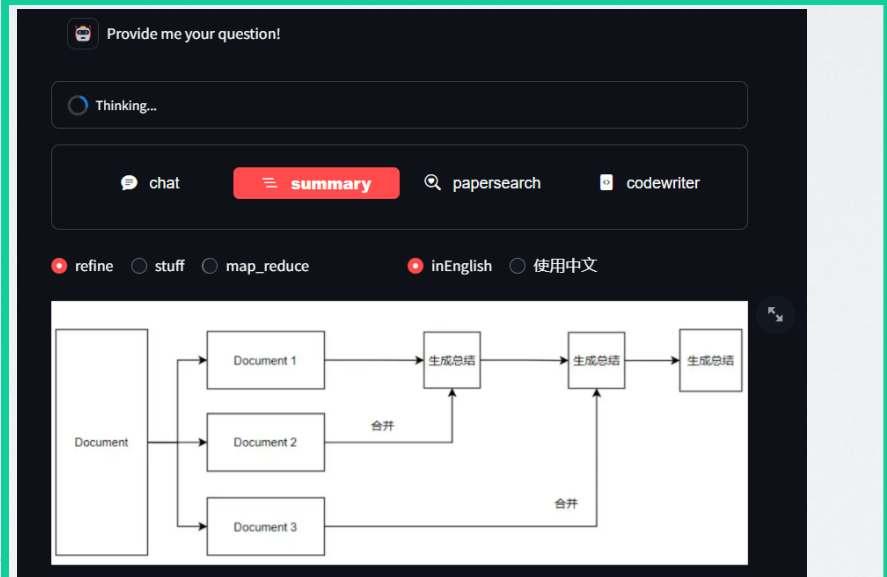


The screenshot shows the 'Document Analyzer' web interface. On the left is a configuration sidebar with options for 'What is your purpose?' (DocAnalyzer), 'Which LLM?' (Local LLM), 'Input your API address of Local LLM' (http://localhost:9997/v1), 'The local LLM server:' (OLLAMA), 'Select model' (gemma2:9b-instruct-q8_0), 'Temperature:' (0.10), 'No. Context:' (10000), and 'No. GPU layers:' (100). The main area has a 'Deploy' button in the top right. A 'Change the default prompt?' section is highlighted with a red box, containing instructions on how to use context and chat history. Below it, a file upload section is highlighted with a red box, showing a file 'NegStfAJP04.pdf' (0.9MB) being processed. A 'File Preview' bar is visible. The 'Embedding files ...' section is also highlighted with a red box, showing 'Embedded files' and 'Documents are splitted into 11 chunks'. At the bottom, a 'summary' button is highlighted with a red box, and a flow diagram is shown in the bottom right corner.

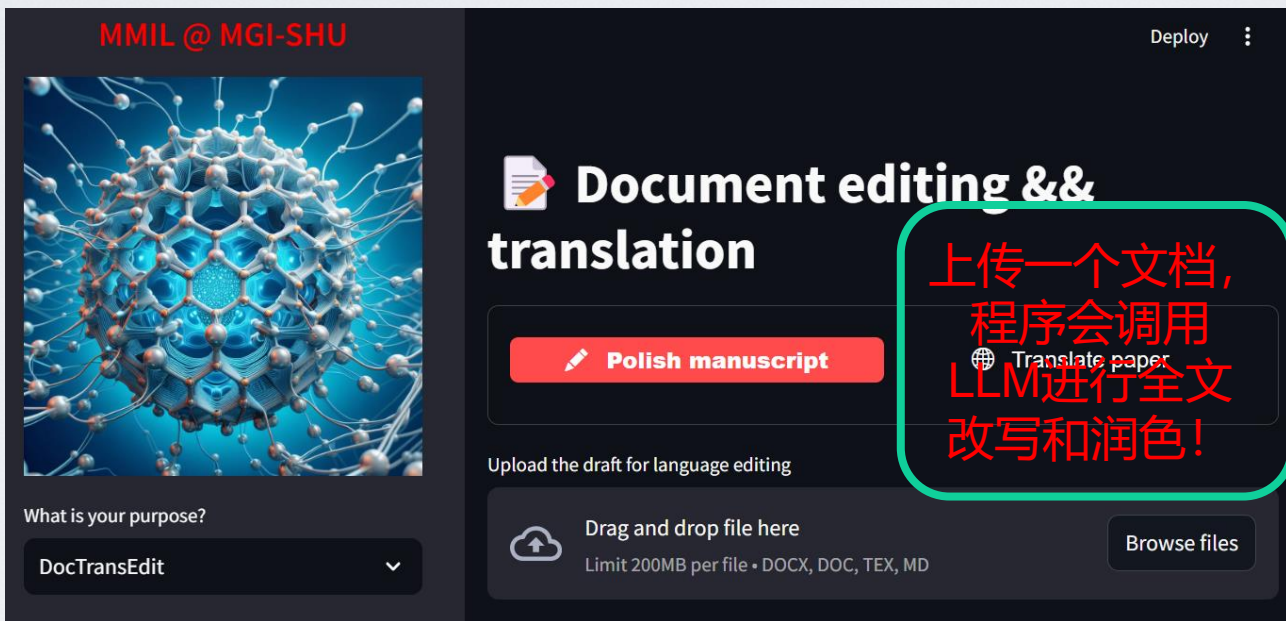
可以改变默认的prompt

上传用于分析的文件，可以是多个文件，如果是单个文件，程序会提供预览功能

程序会自动建立文件的矢量数据库



• **Summary:** 根据选择的文档总结方式，LLM自动对文档进行总结。



MMIL @ MGI-SHU

Deploy

Document editing && translation

Polish manuscript **Translate paper**

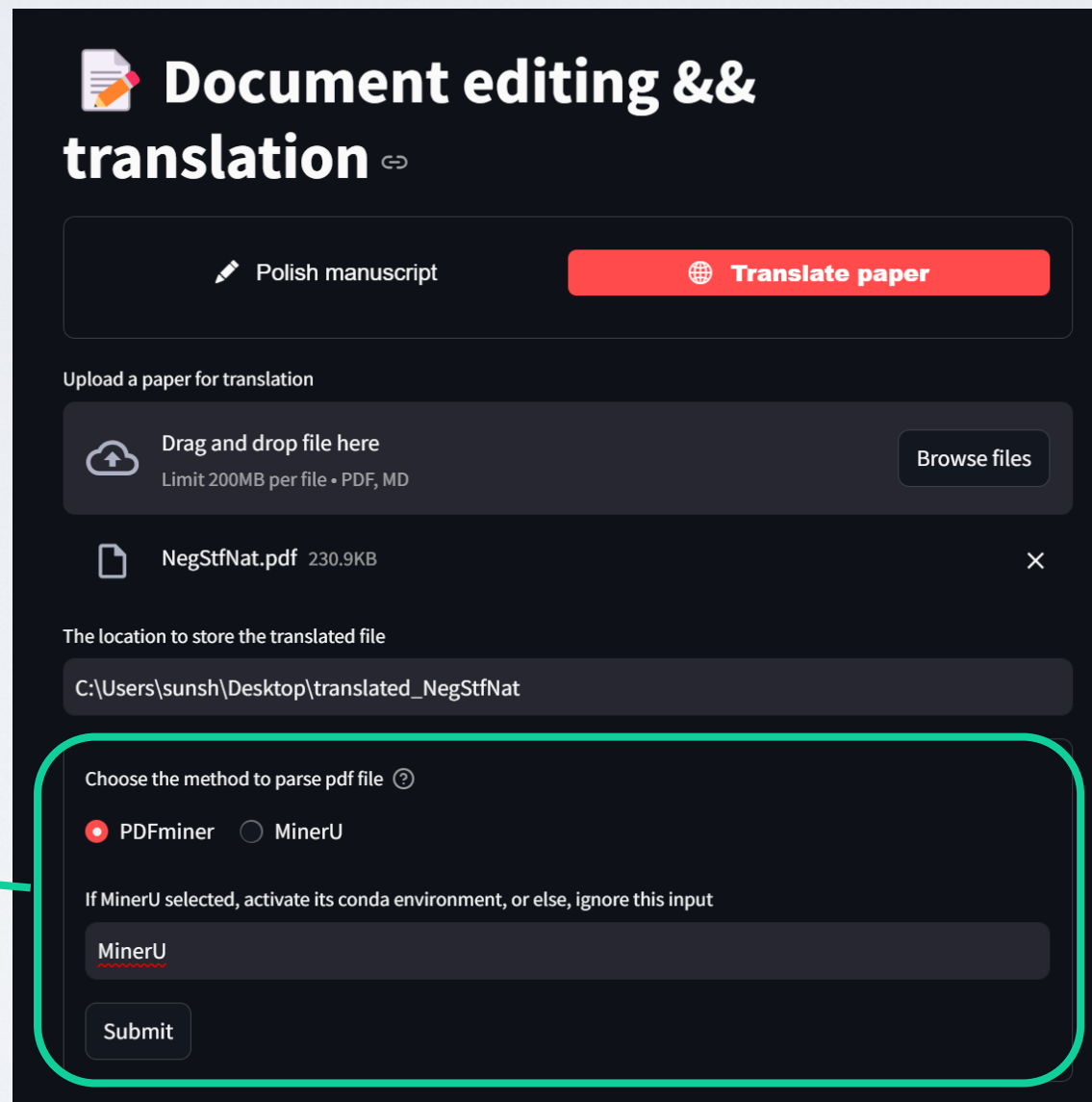
Upload the draft for language editing

Drag and drop file here
Limit 200MB per file • DOCX, DOC, TEX, MD

Browse files

What is your purpose?
DocTransEdit

上传一个文档, 程序会调用LLM进行全文改写和润色!



Document editing && translation

Polish manuscript **Translate paper**

Upload a paper for translation

Drag and drop file here
Limit 200MB per file • PDF, MD

Browse files

NegStfNat.pdf 230.9KB

The location to store the translated file

C:\Users\sunsh\Desktop\translated_NegStfNat

Choose the method to parse pdf file

PDFminer MinerU

If MinerU selected, activate its conda environment, or else, ignore this input

MinerU

Submit

上传一个PDF文档, 或PDF解析后的Markdown文档, 进行全文英到中翻译。

选择PDF解析方法, 推荐使用MinerU, 它使用各种ML模型, 解析更准确, 并可以提取图片和公式。