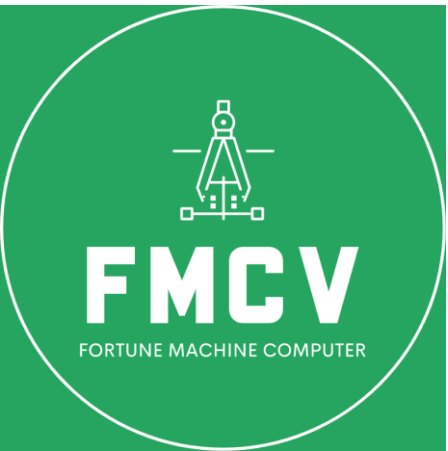


Anything LLM

AnythingLLM v2 Docker

Docker image `mintplexlabs/anythingllm latest a839034c3447`



Installation

- Install Docker Desktop with docker-compose
- Install Ollama
- Prepare the docker-compose.yml
- Use command prompt to execute following to install AnythingLLM
- docker-compose up -d
- Open <http://localhost:3001> in browser

Highlight on docker-compose.yml

- LLM_PROVIDER=ollama
- OLLAMA_BASE_PATH=http://host.docker.internal:11434
- OLLAMA_MODEL_PREF=llama3.1:8b-instruct-q4_K_M
- EMBEDDING_ENGINE=ollama
- EMBEDDING_BASE_PATH=http://host.docker.internal:11434
- EMBEDDING_MODEL_PREF=nomic-embed-text:latest
- extra_hosts:
 - "host.docker.internal:host-gateway"

Setup Screenshots

```
D:\workspace\20240716_AnythingLLM>docker-compose up -d
time="2024-07-26T10:55:37+08:00" level=warning msg="D:\w
[+] Running 1/1
✓ Container anythingllm Started
```

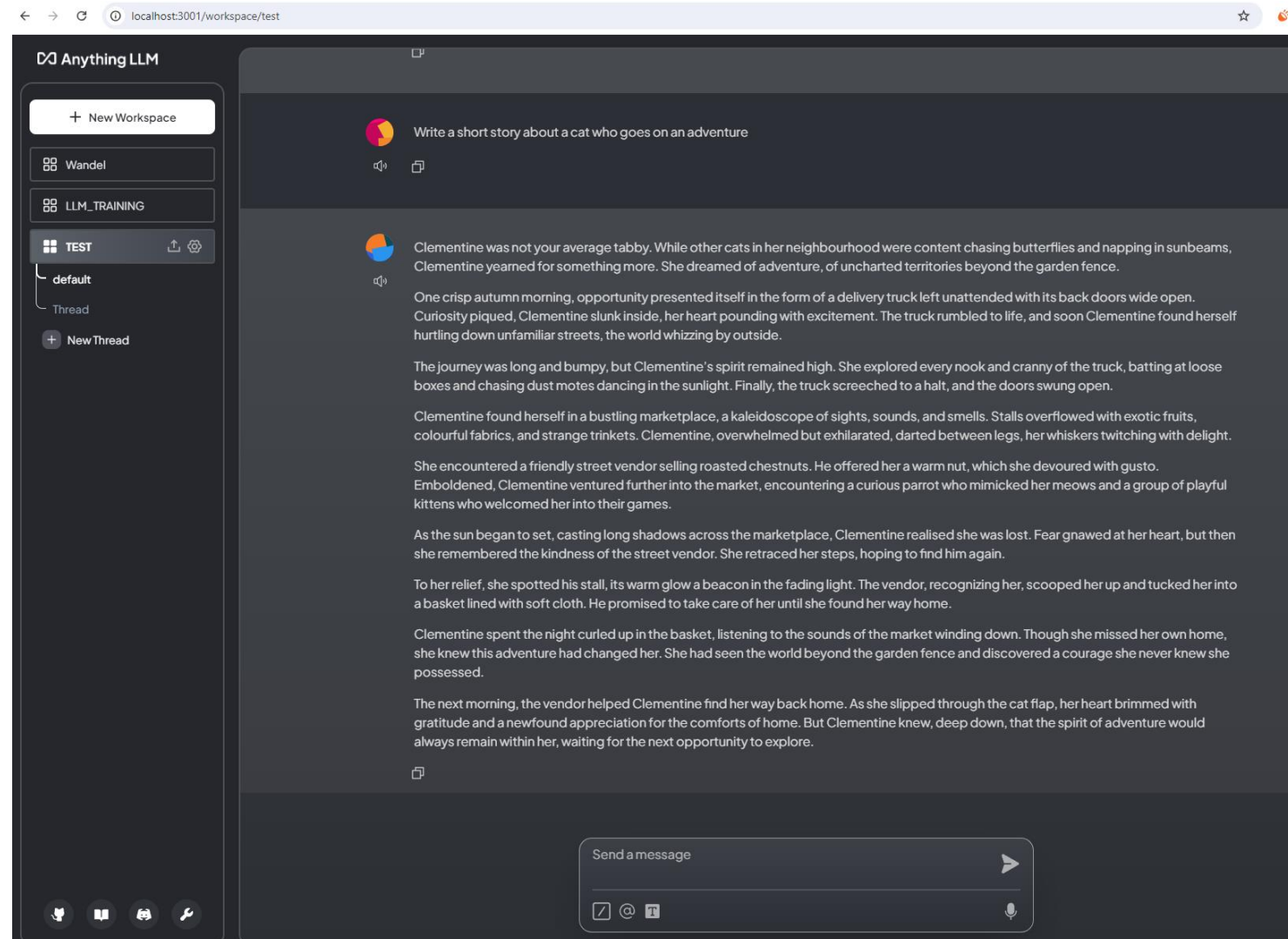
This PC > Local Disk (D:) > workspace > 20240716_AnythingLLM >

Sort View ...

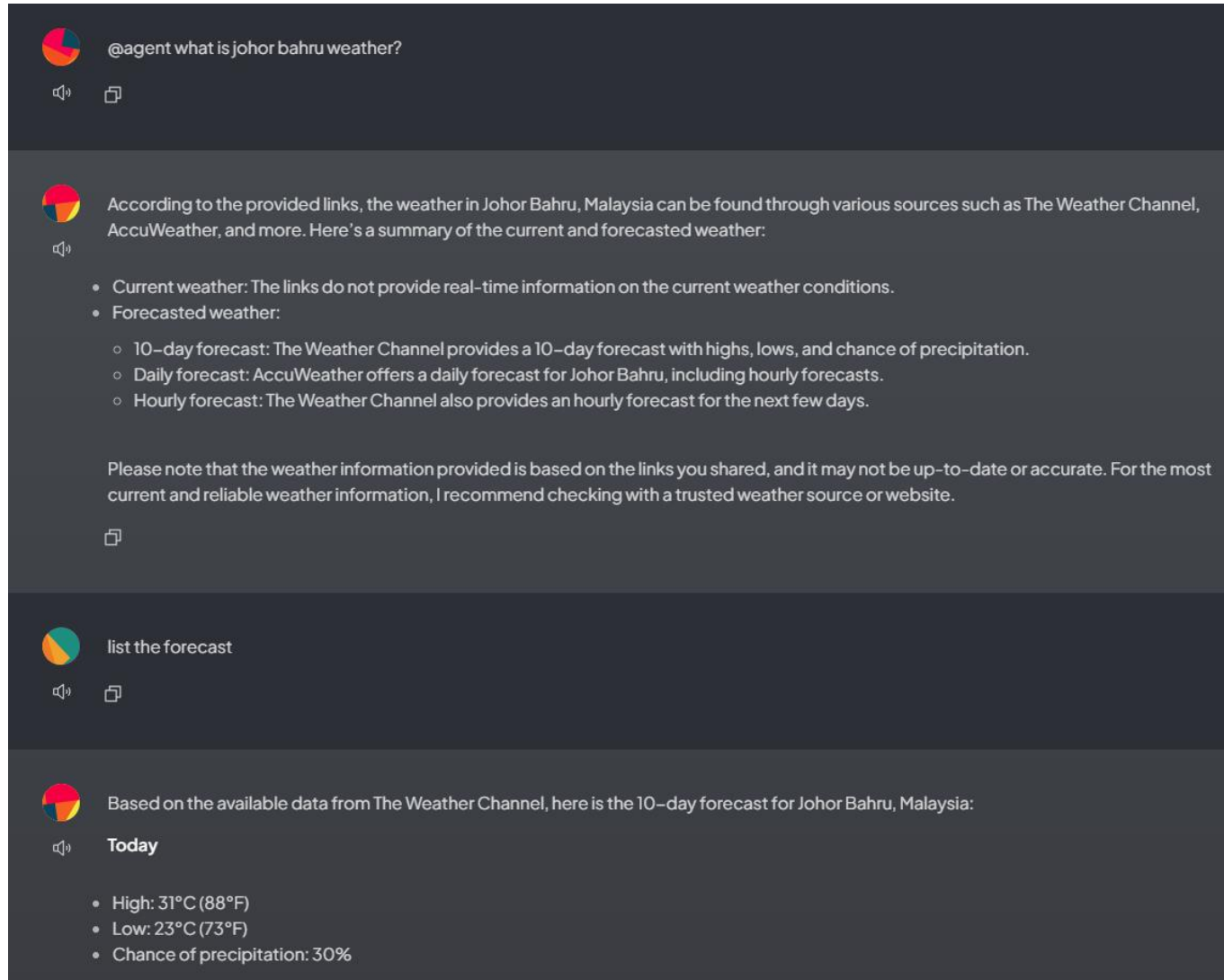
Name	Date modified	Type	Size
anything-llm	7/26/2024 10:41 AM	File folder	
comkey	7/16/2024 4:50 AM	File folder	
documents	7/18/2024 10:56 PM	File folder	
lancedb	7/19/2024 12:05 PM	File folder	
vector-cache	7/19/2024 12:05 PM	File folder	
anythingllm.db	7/19/2024 12:20 PM	Data Base File	
docker-compose.yml	7/19/2024 11:43 AM	YML File	

```
1 version: '3.8'
2 services:
3   anythingllm:
4     image: mintplexlabs/anythingllm
5     container_name: anythingllm
6     ports:
7     - "3001:3001"
8     cap_add:
9     - SYS_ADMIN
10    environment:
11    # Adjust for your environment
12    - STORAGE_DIR=/app/server/storage
13    - JWT_SECRET="make this a large list of random numbers and letters 20+"
14    - LLM_PROVIDER=ollama
15    - OLLAMA_BASE_PATH=http://host.docker.internal:11434
16    - OLLAMA_MODEL_PREF=gemma2:27b-instruct-q4_K_M
17    - OLLAMA_MODEL_TOKEN_LIMIT=8192
18    - EMBEDDING_ENGINE=ollama
19    - EMBEDDING_BASE_PATH=http://host.docker.internal:11434
20    - EMBEDDING_MODEL_PREF=nomic-embed-text:latest
21    - EMBEDDING_MODEL_MAX_CHUNK_LENGTH=8192
22    - VECTOR_DB=lancedb
23    - WHISPER_PROVIDER=local
24    - TTS_PROVIDER=native
25    - PASSWORDMINCHAR=8
26    - AGENT_SERPER_DEV_KEY="SERPER DEV API KEY"
27    - AGENT_SERPLY_API_KEY="Serply.io API KEY"
28    volumes:
29    - anythingllm_storage:/app/server/storage
30    restart: always
31    extra_hosts:
32    - "host.docker.internal:host-gateway"
33  volumes:
34    anythingllm_storage:
35      driver: local
36      driver_opts:
37        type: none
38        o: bind
39        device: "D:/workspace/20240716_AnythingLLM"
```

AnythingLLM interface



AI Internet Agent



The screenshot displays a chat interface with a dark background. It features four distinct message blocks, each starting with a circular profile icon containing a colorful geometric pattern. The first block shows a user query. The second block is a detailed response with a bulleted list and a disclaimer. The third block is a follow-up request. The fourth block is another response, also with a bulleted list.

@agent what is johor bahru weather?

According to the provided links, the weather in Johor Bahru, Malaysia can be found through various sources such as The Weather Channel, AccuWeather, and more. Here's a summary of the current and forecasted weather:

- Current weather: The links do not provide real-time information on the current weather conditions.
- Forecasted weather:
 - 10-day forecast: The Weather Channel provides a 10-day forecast with highs, lows, and chance of precipitation.
 - Daily forecast: AccuWeather offers a daily forecast for Johor Bahru, including hourly forecasts.
 - Hourly forecast: The Weather Channel also provides an hourly forecast for the next few days.

Please note that the weather information provided is based on the links you shared, and it may not be up-to-date or accurate. For the most current and reliable weather information, I recommend checking with a trusted weather source or website.

list the forecast

Based on the available data from The Weather Channel, here is the 10-day forecast for Johor Bahru, Malaysia:

Today

- High: 31°C (88°F)
- Low: 23°C (73°F)
- Chance of precipitation: 30%

Document Retrieval Augmented Generation

Documents Data Connectors

My Documents + New Folder

Name

- custom-documents

Click to upload or drag and drop
supports text files, csv's, spreadsheets, audio files, and more!

or submit a link

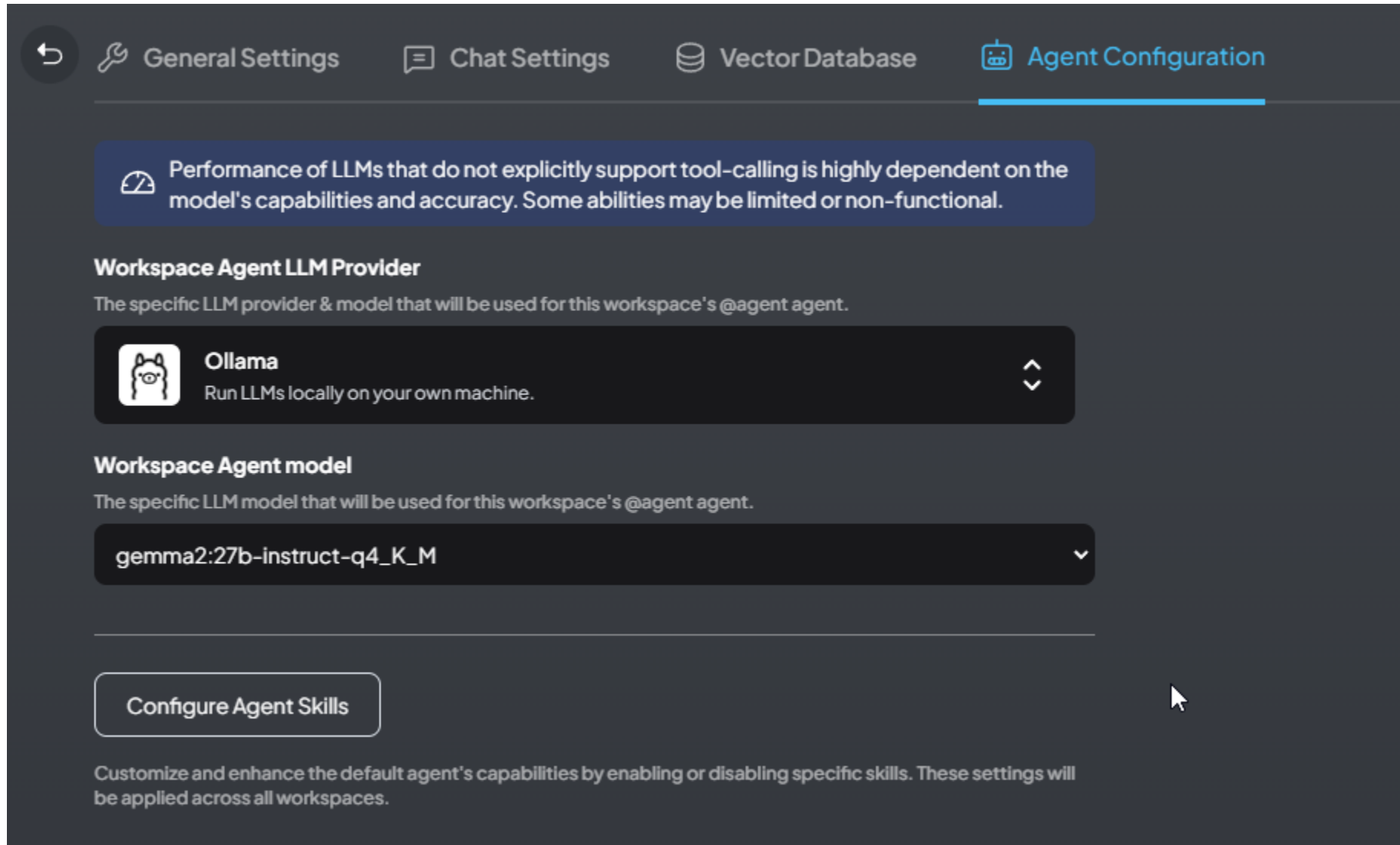
LLM_TRAINING

Name

- 2302.13971v1.pdf
- 2305.11206v1.pdf
- 2309.09530v2.pdf
- 2403.02504v1.pdf

These files will be uploaded to the document processor running on this AnythingLLM instance.
These files are not sent or shared with a third party.

AI Agent



The screenshot displays the 'Agent Configuration' tab in a dark-themed interface. At the top, there are navigation links: 'General Settings', 'Chat Settings', 'Vector Database', and 'Agent Configuration' (which is highlighted with a blue underline). Below the navigation is a blue warning box with a warning icon and text: 'Performance of LLMs that do not explicitly support tool-calling is highly dependent on the model's capabilities and accuracy. Some abilities may be limited or non-functional.'

The main configuration area is divided into two sections:

- Workspace Agent LLM Provider:** This section includes a descriptive text: 'The specific LLM provider & model that will be used for this workspace's @agent agent.' Below this is a dropdown menu with the 'Ollama' provider selected. The Ollama entry features a cat icon, the name 'Ollama', and the description 'Run LLMs locally on your own machine.' There are up and down arrow icons to the right of the entry.
- Workspace Agent model:** This section includes a descriptive text: 'The specific LLM model that will be used for this workspace's @agent agent.' Below this is a dropdown menu with 'gemma2:27b-instruct-q4_K_M' selected, accompanied by a downward arrow icon.

At the bottom of the configuration area, there is a button labeled 'Configure Agent Skills'. Below the button is a final note: 'Customize and enhance the default agent's capabilities by enabling or disabling specific skills. These settings will be applied across all workspaces.'

References

- AnythingLLM v2
 - <https://www.youtube.com/watch?v=f95rGD9trL0>
- AnythingLLM | The ultimate AI business intelligence tool
<https://anythingllm.com/>
- <https://github.com/Mintplex-Labs/anything-llm/>
- https://github.com/Mintplex-Labs/anything-llm/blob/master/docker/HOW_TO_USE_DOCKER.md