

# RagFlow

notes:

add to /etc/sysctl.conf:

```
vm.max_map_count=262144
sudo sysctl -w vm.max_map_count=262144
```

```
git clone https://github.com/infiniflow/ragflow.git
```

```
cd ragflow/docker
chmod +x ./entrypoint.sh
```

adjust docker-compose.yml, add

```
deploy:
  resources:
    reservations:
      devices:
        - driver: nvidia
          device_ids: ['0']
          capabilities: [gpu]
```

for change ports

```
docker compose up -d
```

Docker ENV Variables...: user\_default\_llm

Newly signed-up users use LLM configured by this part. Otherwise, user need to configure his own LLM in setting. factory

The LLM suppliers. "OpenAI" "Tongyi-Qianwen", "ZHIPU-AI", "Moonshot", "DeepSeek", "Baichuan", and "VolcEngine" are supported. api\_key The corresponding API key of your assigned LLM vendor.

ollama docker compose:

```
docker compose -f docker-ollama.yml up -d
```

run models (more on <https://ollama.com/library>): preferred ones: mistral-openorca , llama3-chatqna?

```
llama3, qwen2, phi3, mistral, mixtral, codegemma, codellama, dolphin-
mixtral, deepseek-coder, mistral-openorca , codestral, codeqwen, orca2,
llama3-gradient, llama3-chatqna (nvidia for RAG) and others...
```

download/update model:

```
docker exec -it ollama ollama pull codestral
```

list available models:

```
docker exec -it ollama ollama list
```

run model locally:

```
docker exec -it ollama ollama run llama3
```

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<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=ai:ragflow>

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