Instalação e configurações Langflow

- Instalação Langflow

Instalação Langflow

Link: https://docs.langflow.org/deployment-docker

This guide will help you get LangFlow up and running using Docker and Docker Compose.

Prerequisites

- Docker
- Docker Compose

Docker

Clone repo and build Docker container

1. Clone the LangFlow repository:
   `git clone https://github.com/langflow-ai/langflow.git`
2. Navigate to the `docker_example` directory:
   `cd langflow/docker_example`
3. Run the Docker Compose file:
   `docker compose up`

LangFlow will now be accessible at http://localhost:7860/.

Docker Compose configuration

The Docker Compose configuration spins up two services: `langflow` and `postgres`.

LangFlow service

The `langflow` service uses the `langflowai/langflow:latest` Docker image and exposes port 7860. It depends on the `postgres` service.

Environment variables:

- `LANGFLOW_DATABASE_URL`: The connection string for the PostgreSQL database.
- `LANGFLOW_CONFIG_DIR`: The directory where LangFlow stores logs, file storage, monitor data, and secret keys.

Volumes:

- `langflow-data`: This volume is mapped to `/var/lib/langflow` in the container.

PostgreSQL service

The `postgres` service uses the `postgres:16` Docker image and exposes port 5432.

Environment variables:

- `POSTGRES_USER`: The username for the PostgreSQL database.
- `POSTGRES_PASSWORD`: The password for the PostgreSQL database.
- `POSTGRES_DB`: The name of the PostgreSQL database.

Volumes:

- `langflow-postgres`: This volume is mapped to `/var/lib/postgresql/data` in the container.

Switch to a specific LangFlow version

If you want to use a specific version of LangFlow, you can modify the `image` field under the `langflow` service in the Docker Compose file. For example, to use version 1.0-alpha, change `langflowai/langflow:latest` to `langflowai/langflow:1.0-alpha`.