

# Langflow

Construtor Workflow API.

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# Instalação e configurações Langflow

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# 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?

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- Docker
- Docker Compose

## Docker?

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## 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`.