Header !

Project explanation

This project demonstrates embedding a PDF file as context for the query.

Other information

What is Langchain

LangChain is a framework for developing applications powered by large language models (LLMs).

LangChain simplifies every stage of the LLM application lifecycle:

- Development: Build your applications using LangChain's open-source building blocks and components. Hit the ground running using third-party integrations and Templates.
- Productionization: Use LangSmith to inspect, monitor and evaluate your chains, so that you can continuously optimize and deploy with confidence.
- Deployment: Turn any chain into an API with LangServe.

Concretely, the framework consists of the following open-source libraries:

- langchain-core: Base abstractions and LangChain Expression Language.

- langchain-community: Third party integrations.

- Partner packages (e.g. langchain-openai, langchain-anthropic, etc.): Some integrations have been further split into their own lightweight packages that only depend on langchain-core.

- langchain: Chains, agents, and retrieval strategies that make up an application's cognitive architecture.

- langgraph: Build robust and stateful multi-actor applications with LLMs by modeling steps as edges and nodes in a graph.

- langserve: Deploy LangChain chains as REST APIs. The broader ecosystem includes:

- LangSmith: A developer platform that lets you debug, test, evaluate, and monitor LLM applications and seamlessly integrates with LangChain.