

# LangChain



# What is LangChain?

LangChain is a framework for developing applications powered by large language models (LLMs). LangChain is a framework that enables the creation of multi-step machine learning pipelines involving LLMs, retrieval systems, external integrations, and fine-tuning, all within a unified API.

LangChain is a product development tool that lets you build interactive, LLM-driven applications, integrating APIs, databases, and external data to create end-to-end solutions for complex natural language tasks. It's a wrapper of multiple things to create a end to end solutions.

# Libraries

- Langchain core
- Langchain Community
- Partners
- Langchain
- LangGraph
- LangServe
- LangSmith

## Stages

- Development
- Productionize
- Deployment

# Features

- Chat Models
- Prompt Templates
- Chain
- RAG (Retrieval Augment Generation)
- Agent & Tools
- Memory
- Document Loaders
- Embeddings
- Vector Stores
- Custom Tools
- Text Splitting
- LangChain Hub
- Caching
- Evaluation & Tracing
- External Data Integration
- Streaming
- Multi Modal Support
- Callbacks
- Output Parsers & so on...

Thanks For Watching

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