Getting Started Langgraph

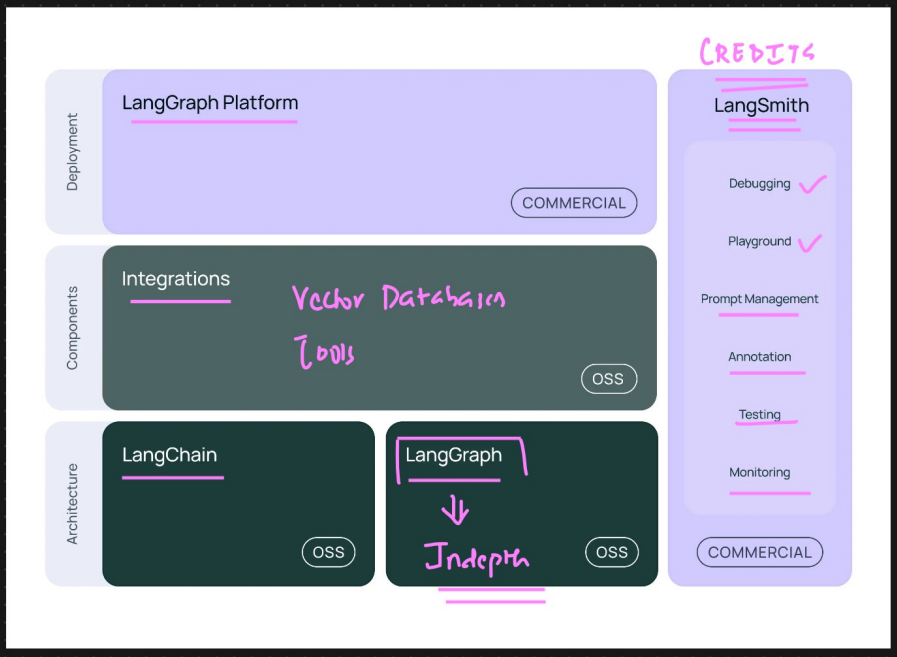
LangGraph is a library for building stateful, multi-actor applications with LLMs, used to create agent and multi-agent workflows. Check out an introductory tutorial here. (DAG)

LangGraph is inspired by Pregel and Apache Beam. The public interface draws inspiration from NetworkX. LangGraph is built by LangChain Inc, the creators of LangChain, but can be used without LangChain.

LangGraph powers production-grade agents, trusted by Linkedin, Uber, Klarna, GitLab, and many more. LangGraph provides fine-grained control over both the flow and state of your agent applications. It implements a central persistence layer, enabling features that are common to most agent architectures:

Memory: LangGraph persists arbitrary aspects of your application's state, supporting memory of conversations and other updates within and across user interactions;
Human-in-the-loop: Because state is checkpointed, execution can be interrupted and resumed, allowing for decisions, validation, and corrections at key stages via human input.

feedbacks

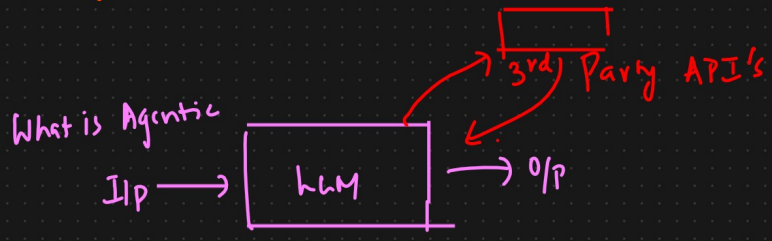


Langchain Ecosystem

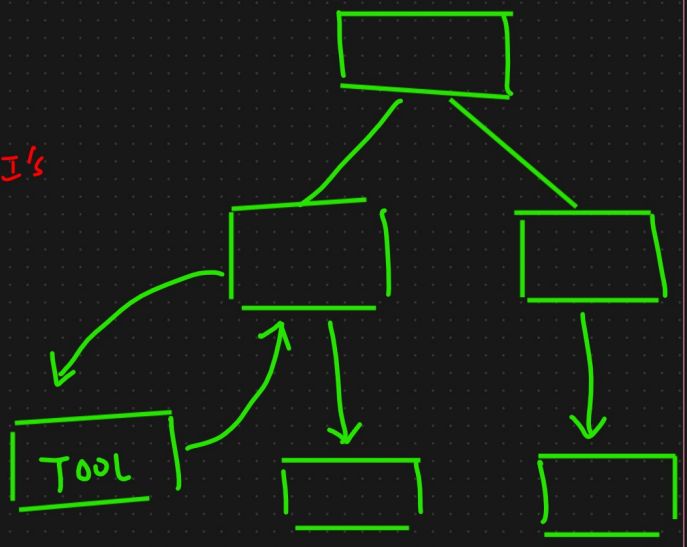
langraph

Nodes, Edges

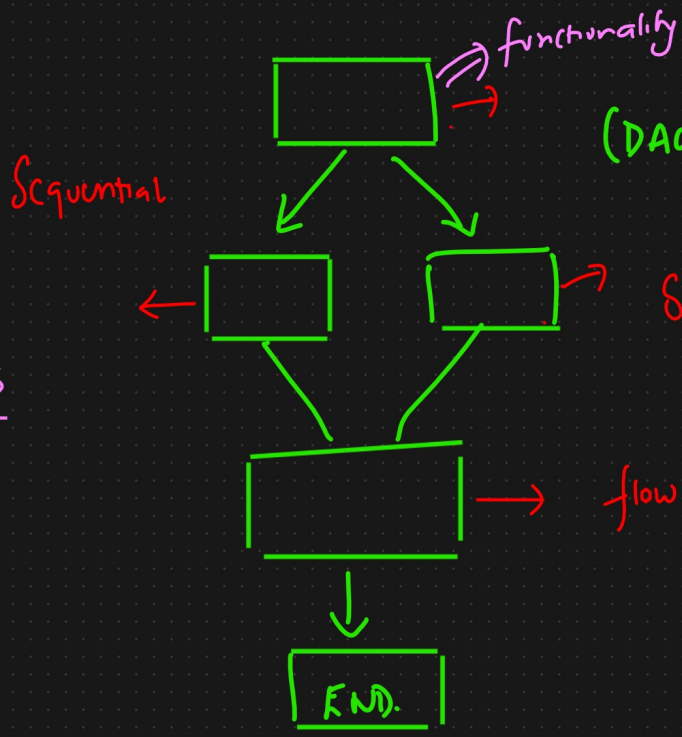
AI Agents or Agentic AI

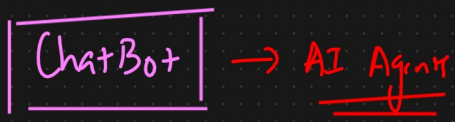


langgraph

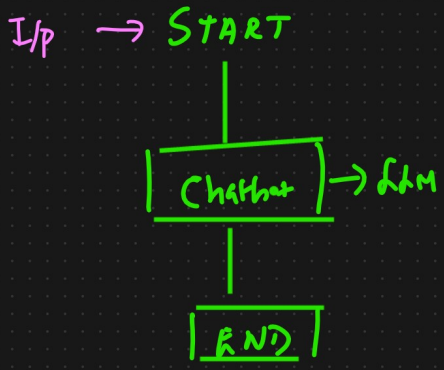


LangGraph [Lang + Graph]

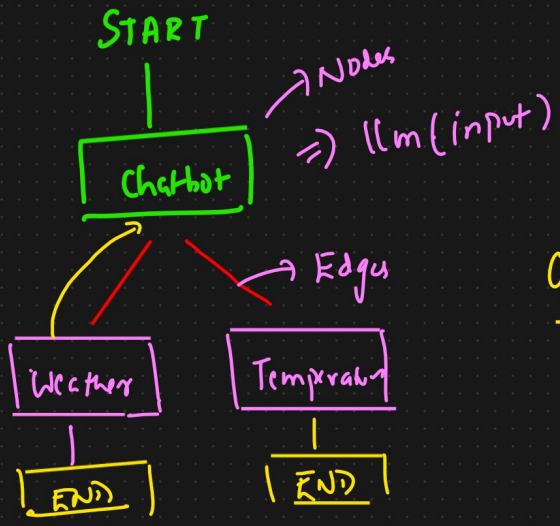




Specific Workflow



Complex Workflow



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