

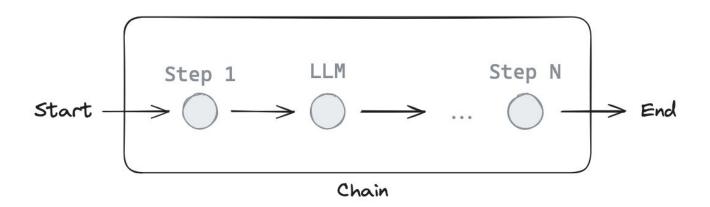
A solitary language model is fairly limited...

... e.g., access to tools, external context, multi-step workflows.

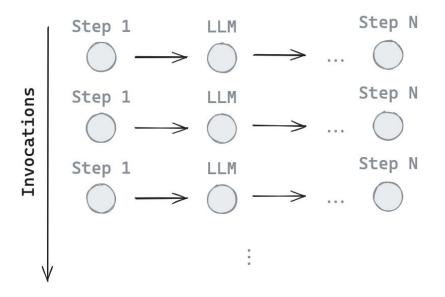
So, many LLM applications use a control flow ...

... with steps pre / post-LLM call (tool calls, retrieval, etc).

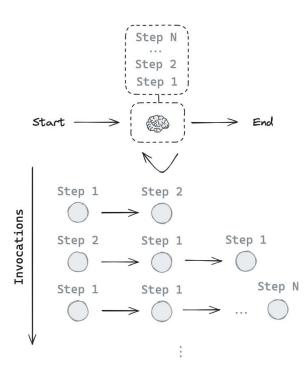
This control flow forms a "chain"



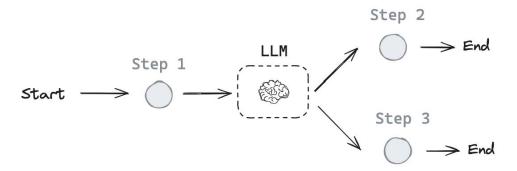
Chains are reliable! Same control flow every time.



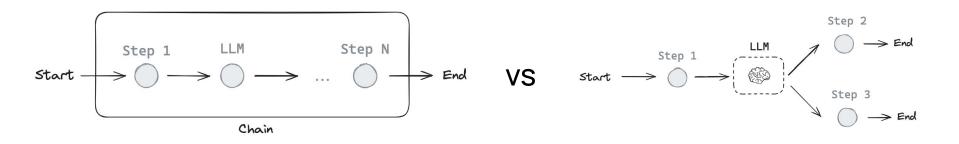
But, we want LLM systems that can pick their own control flow!



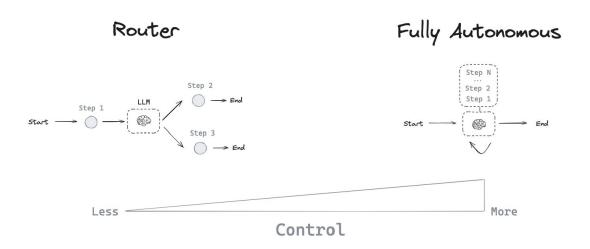
Agent ~= control flow defined by an LLM



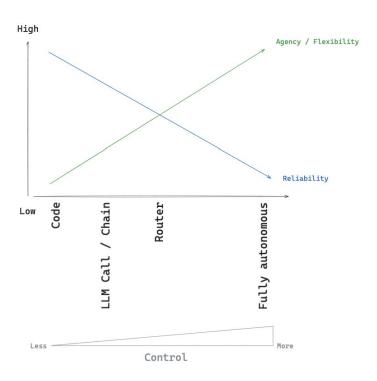
Fixed vs LLM-defined control flow



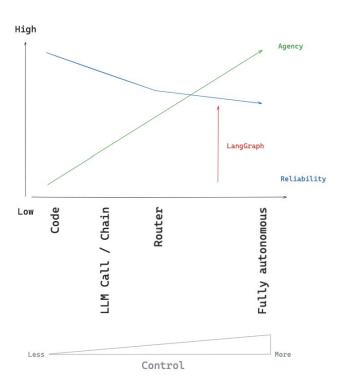
Many kinds of agents!



But, practical challenges.



LangGraph helps you bend the reliability curve



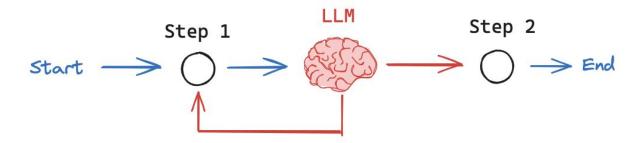


Balance reliability with control

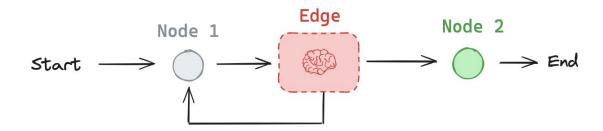
Intuition: Let developer set parts of control flow (reliable)

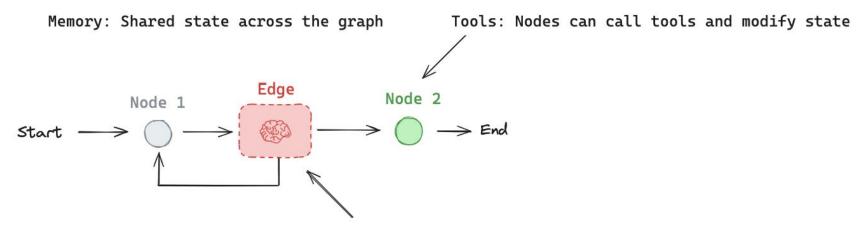


Intuition: Inject LLM to make it an agent (control)

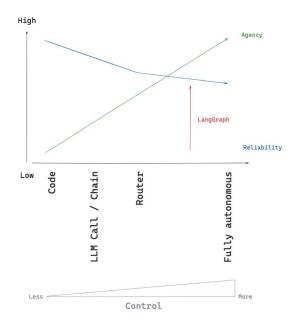


LangGraph Express custom control flows as graphs





Planning: Edges can route control flow based on LLM decisions



Module	What you will learn
1: Foundations	LangGraph foundations Chains Routers General autonomous agents
2: Memory	Agents that remember things
3: Human-In-The-Loop	Agents with human oversight
4. Customization	Customized, useful agents