

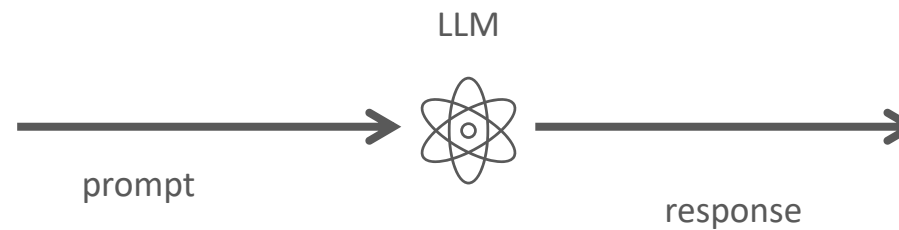
Building Multi-Agent Systems with LangGraph

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Agents Introduction – Limitation of LLMs

Solitary Large Language Model is very limited

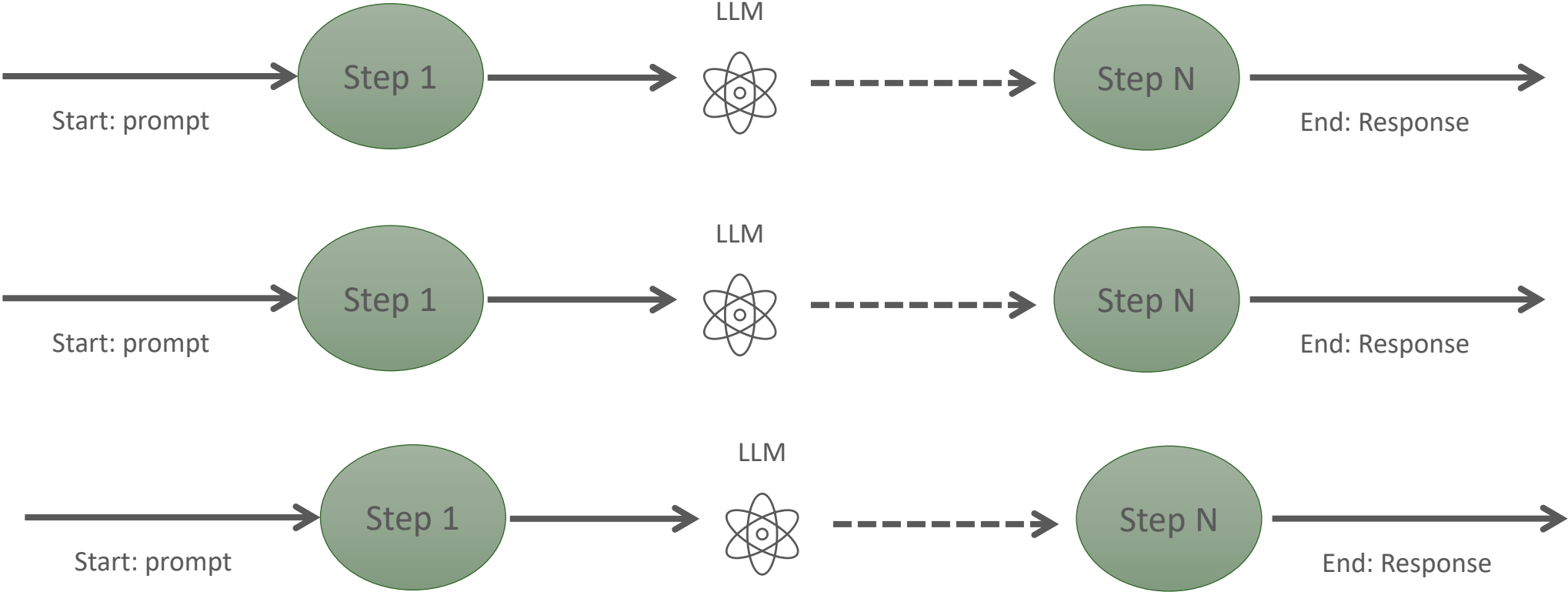


LLM doesn't have access to

- External data
- Access to tools
- Muti-step workflows

Agents Introduction – Limitation of LLMs

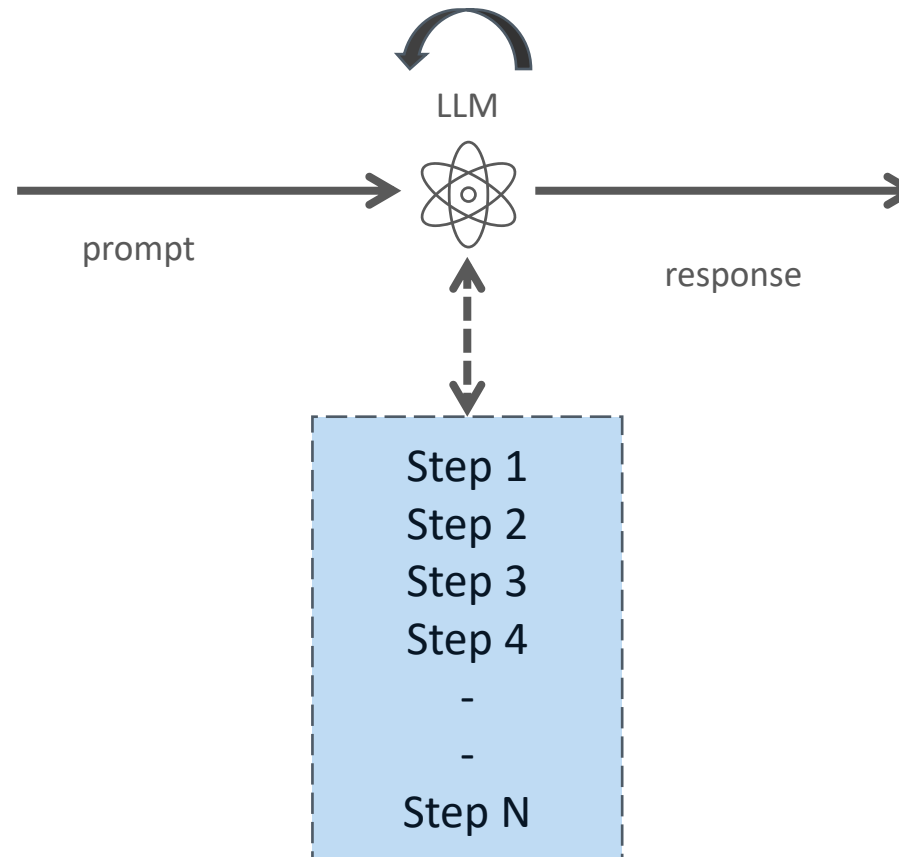
So LLM applications use a control flow by building chains



Chains are reliable and it is deterministic

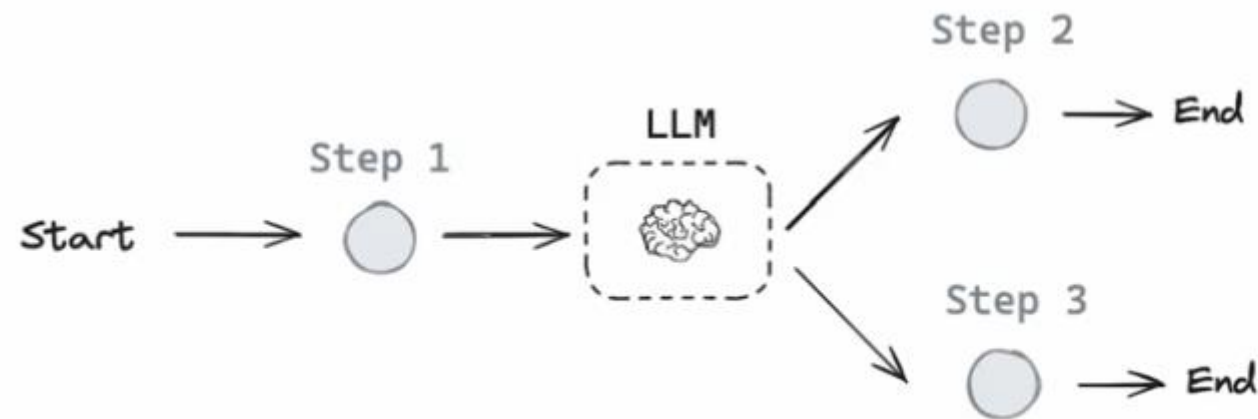
Agents Introduction

However ideal scenario would be when LLM systems can pick their own control flow



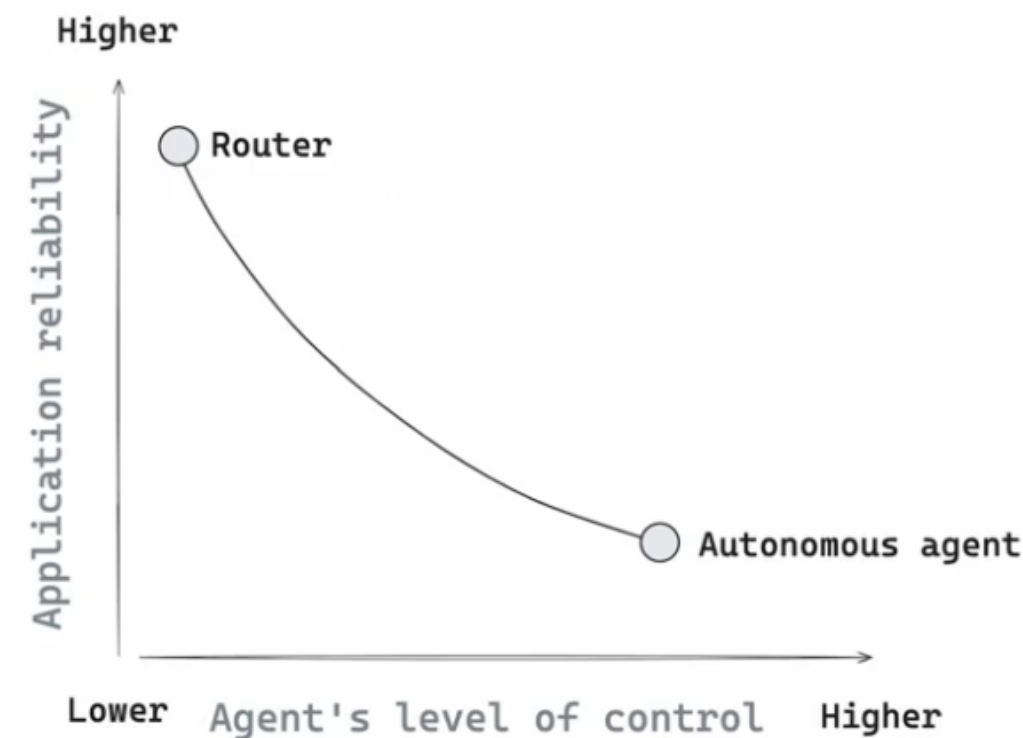
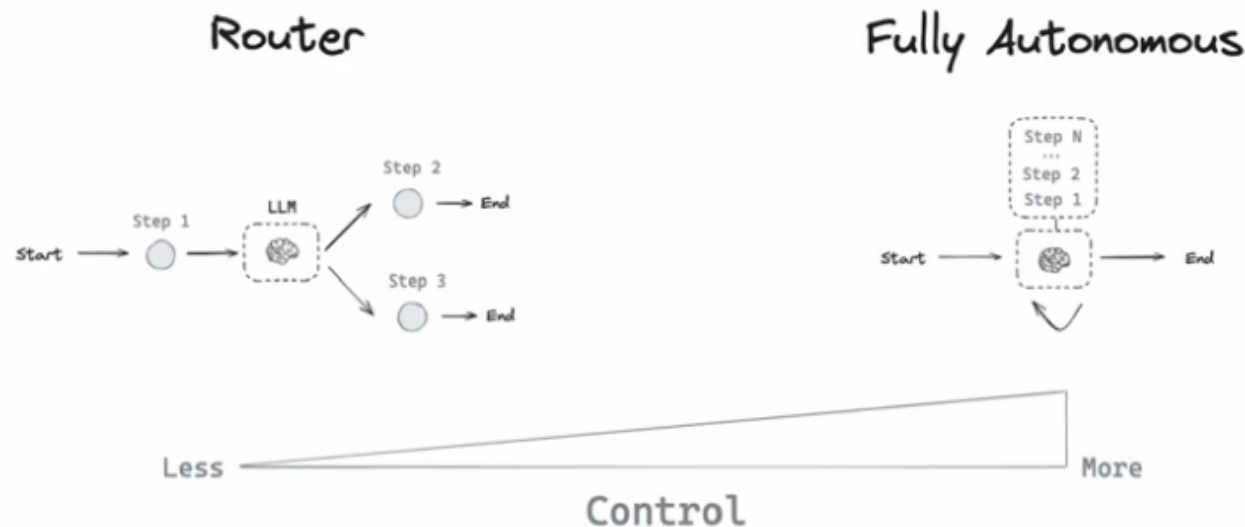
Agents Introduction

Agent \sim control flow defined by an LLM



Agents Types : Routers and Fully Autonomous

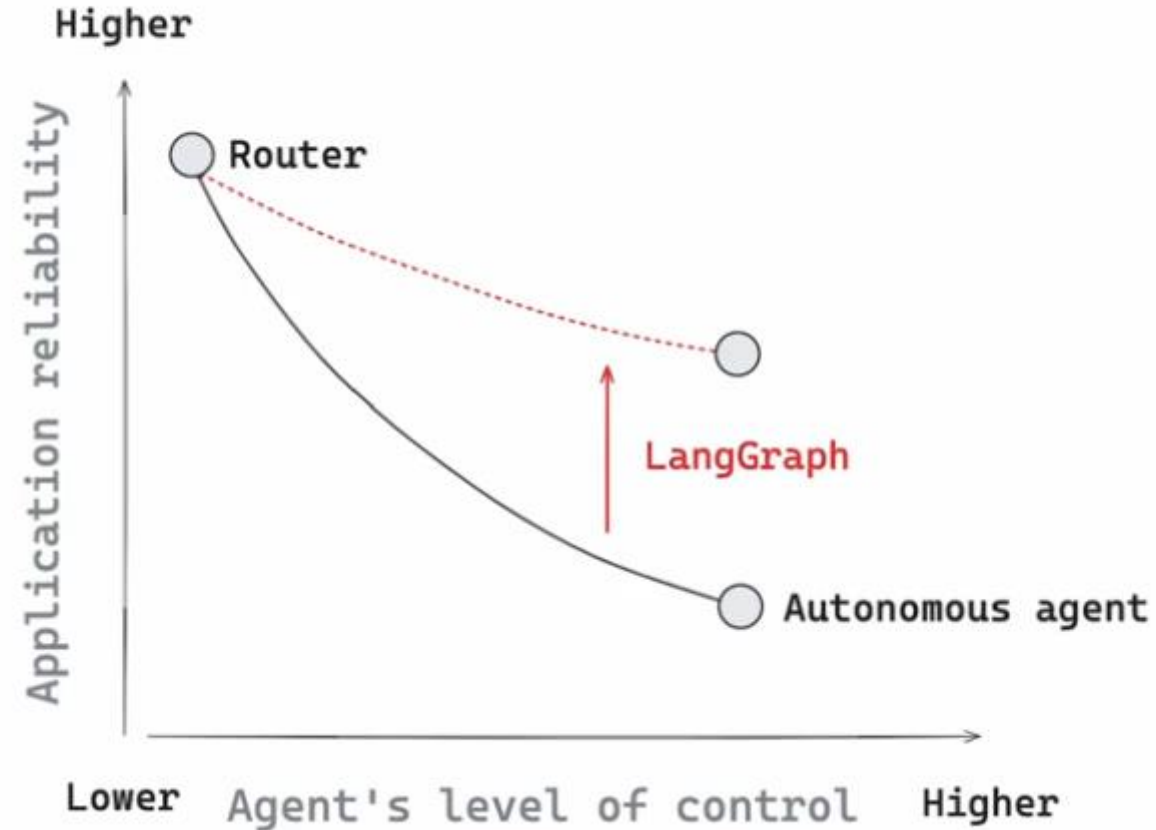
Many kinds of agents!



Higher the control given to LLM lower the reliability

Building Agents with LangGraph

LangGraph helps you bend the reliability curve



Let's get the hands dirty with LangGraph

Thank you