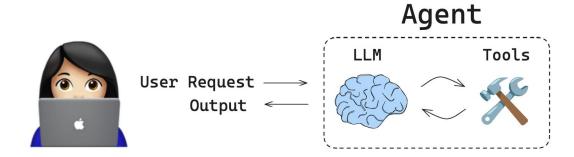


Chat



	Chat Agents	?
Agent Trigger	User message / request	Listening to events

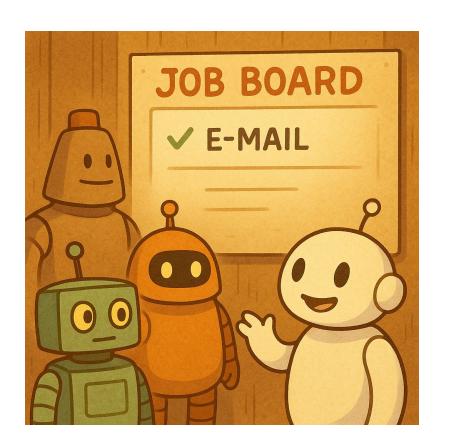
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UX	Chat UI / await completion	Background / notify me

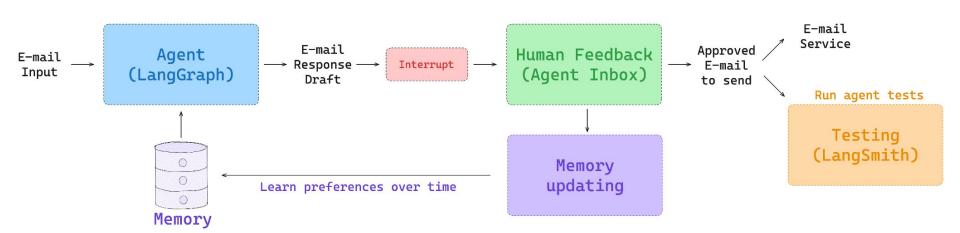
	Chat Agents	?
Agent Trigger	User message / request	Listening to events
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Latency Requirements	Needs to be fast	Can take longer

"Ambient Agents"

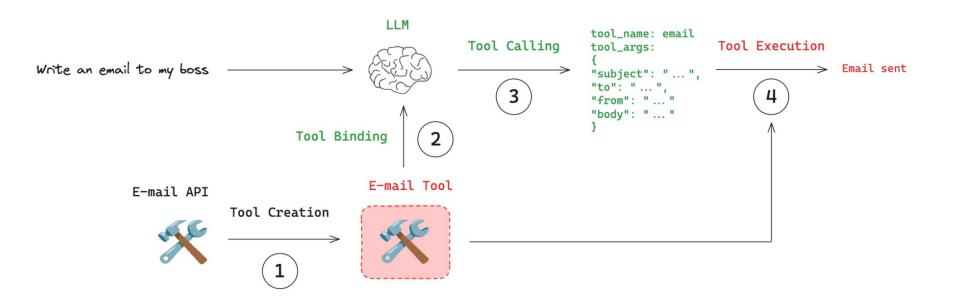
	Chat Agents	Ambient agents
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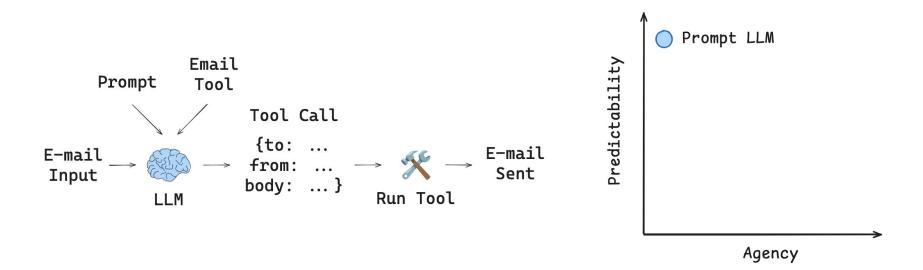
Where we are going



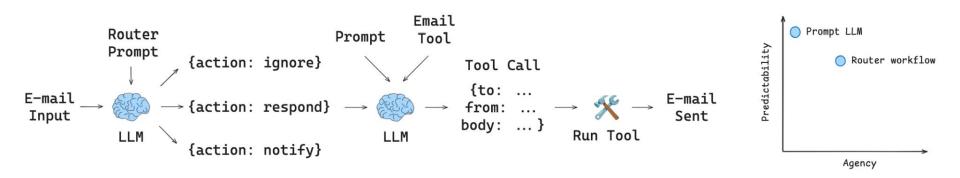
Central concept is tool calling



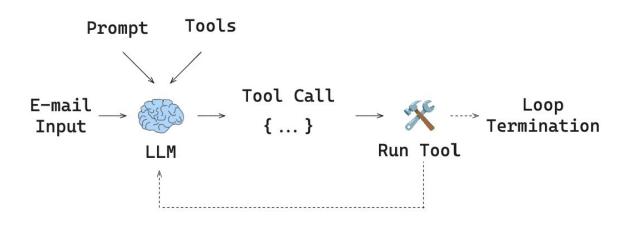
The simplest possible e-mail assistant

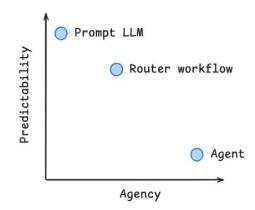


Workflow: Make decisions along predefined code path

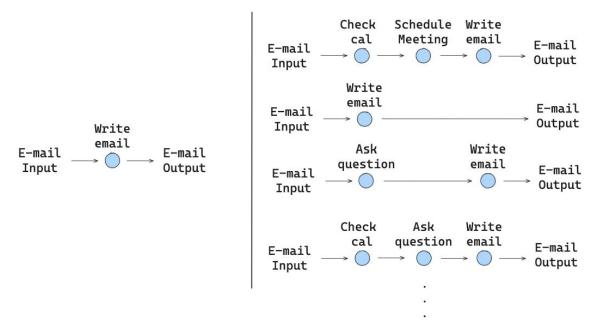


Agent ~ tool calling in a loop!





Agent can take many more actions

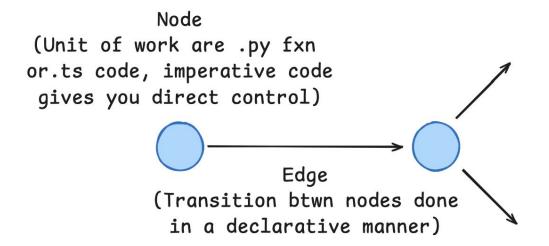


Workflow v Agent considerations

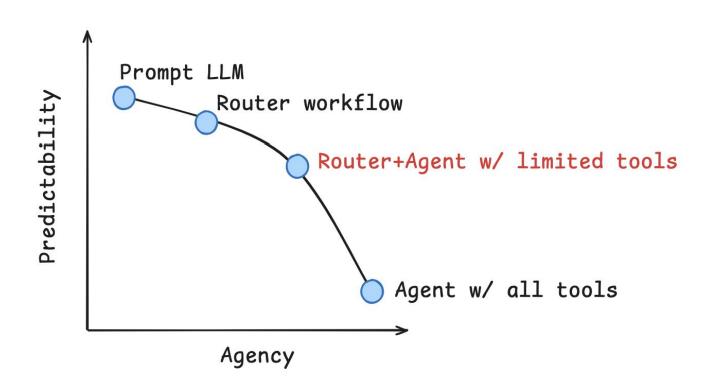
	Workflow	Agent
Action sequence	Easy to enumerate in advance	Unknown until runtime (depends on input)
Process	Linear or branching control flow	Flexible decision making (backtracking)
Performance	Latency / cost are critical	OK to trade-off for more more reasoning

Heuristic: If you can easily *draw the control flow on a whiteboard*, a workflow is probably suitable for your application.

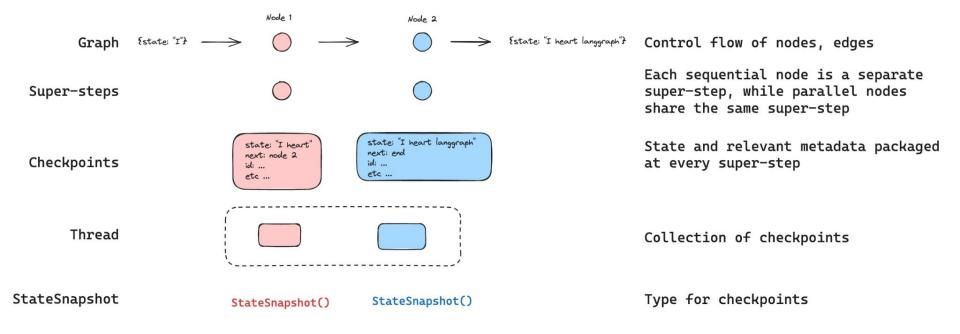
LangGraph (1) lets us flexibly build / combine workflows and agents



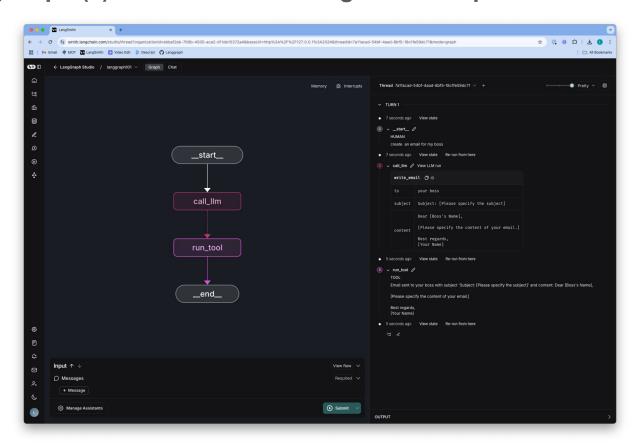
LangGraph lets you build all of these!



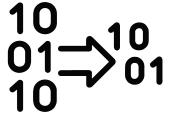
LangGraph (2) has a persistence layer for human in the loop + memory



LangGraph (3) has an interactive agent development environment



LangGraph (4) has an easy onramp to deployment with LangGraph Platform



Streaming



Long-Running Background



Memory + Human in the loop