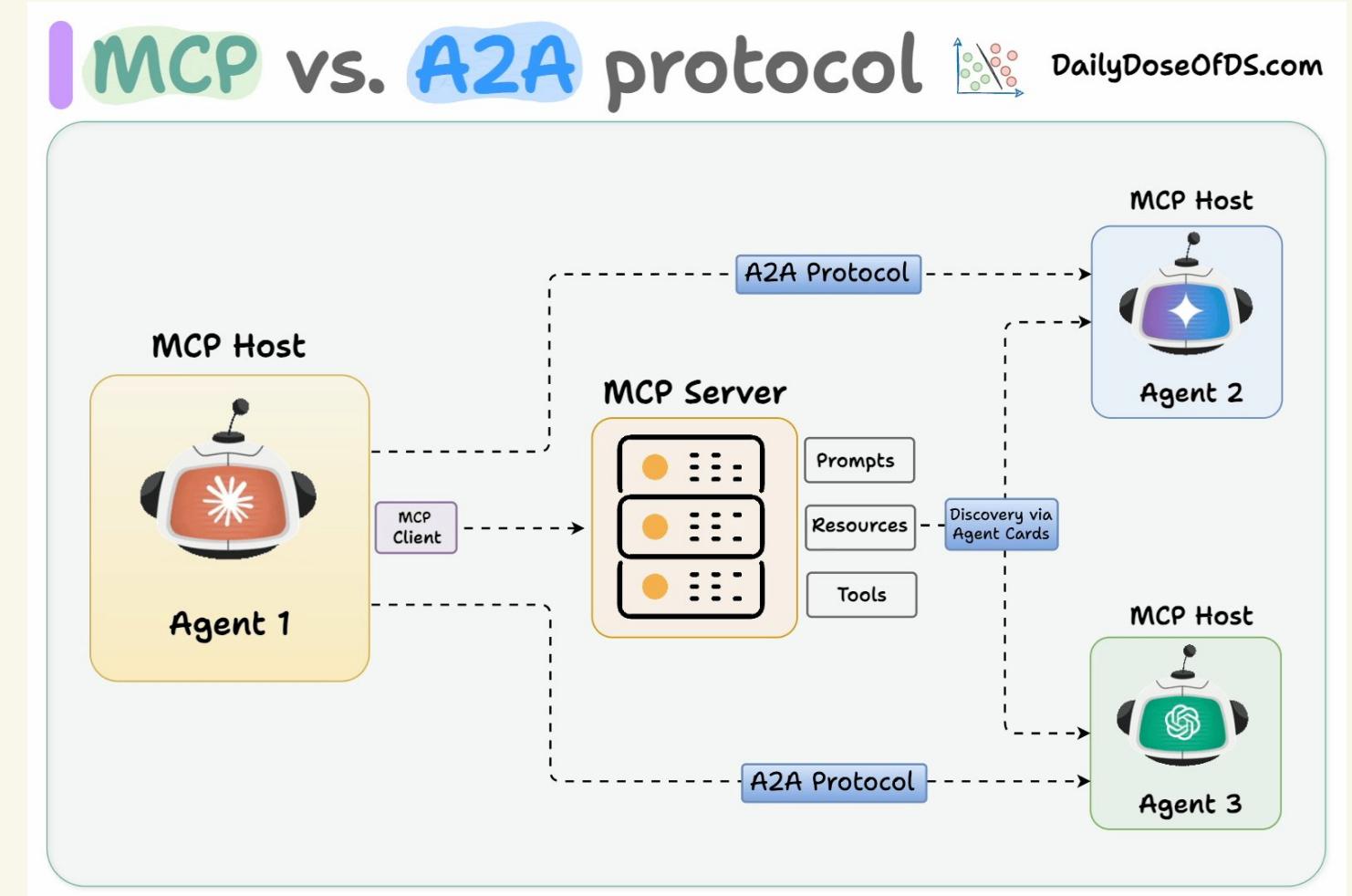


~~Google~~ A2A - Agent to Agent

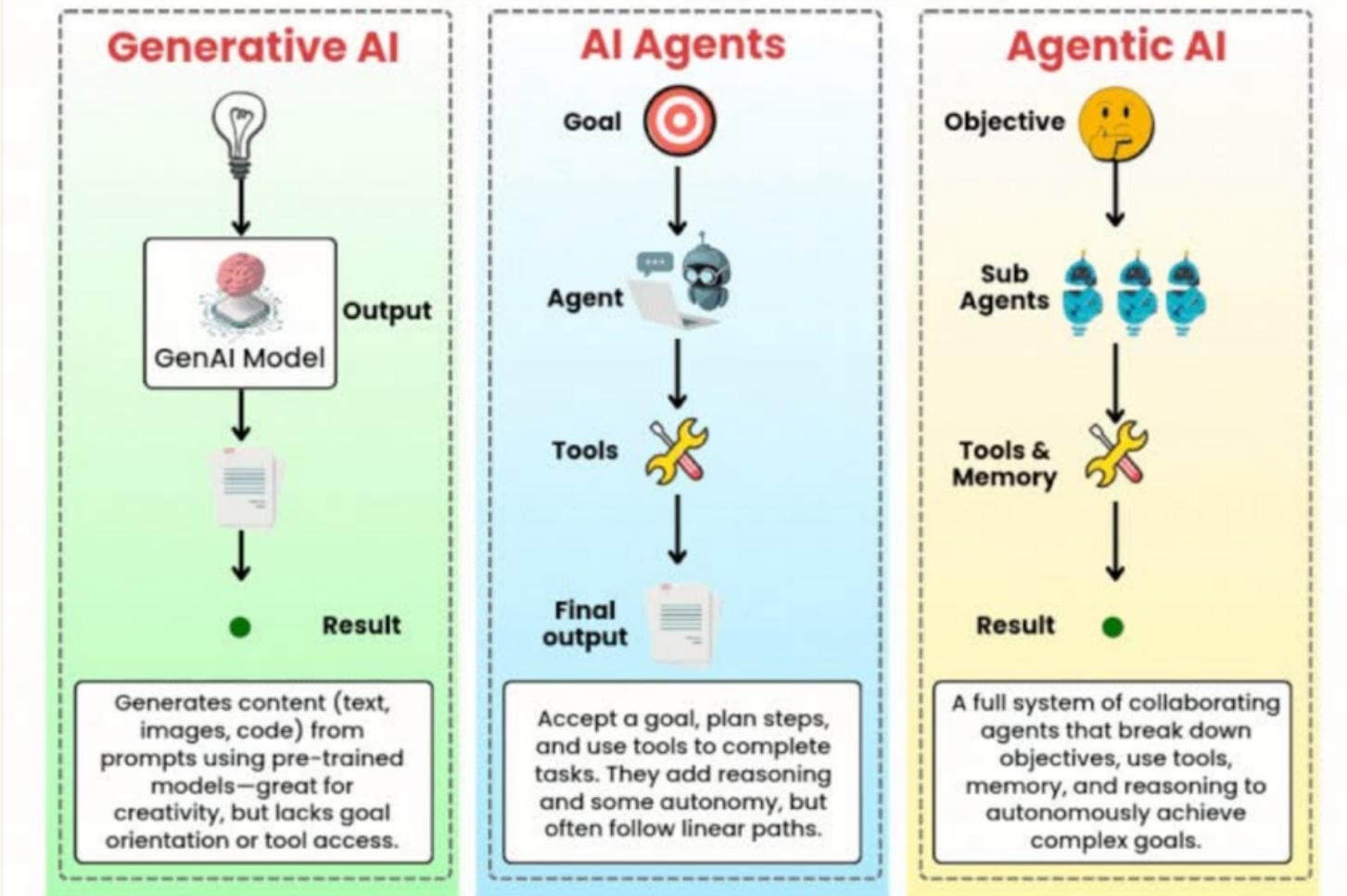
- ① Review MCP
- ② What is A2A?
- ③ MCP vs A2A
- ④ Hands on



What is AI Agent?

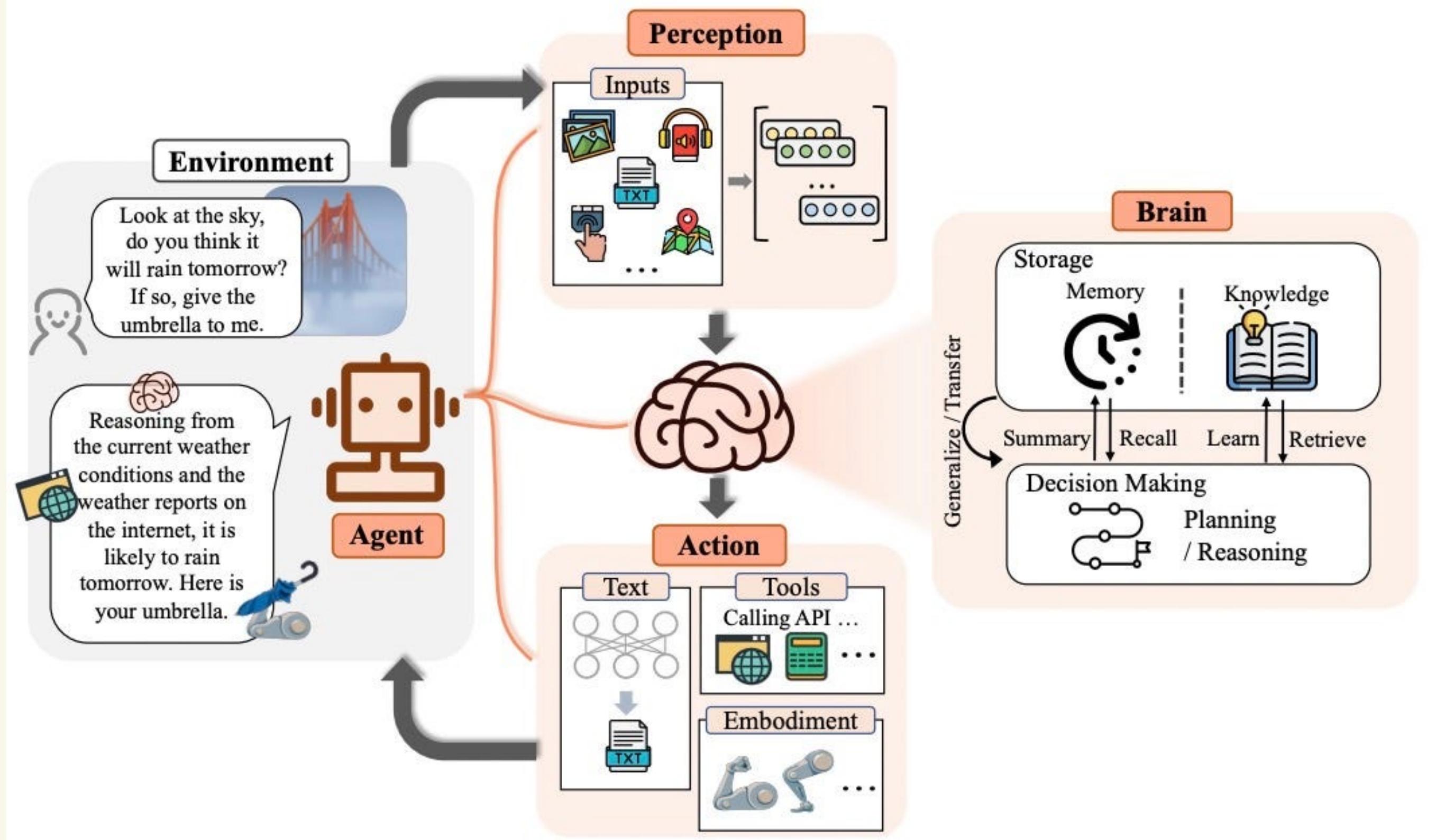
GEN AI VS AI AGENTS VS AGENTIC AI

A QUICK COMPARISON



Comparison Table: Generative AI vs AI Agents vs Agentic AI

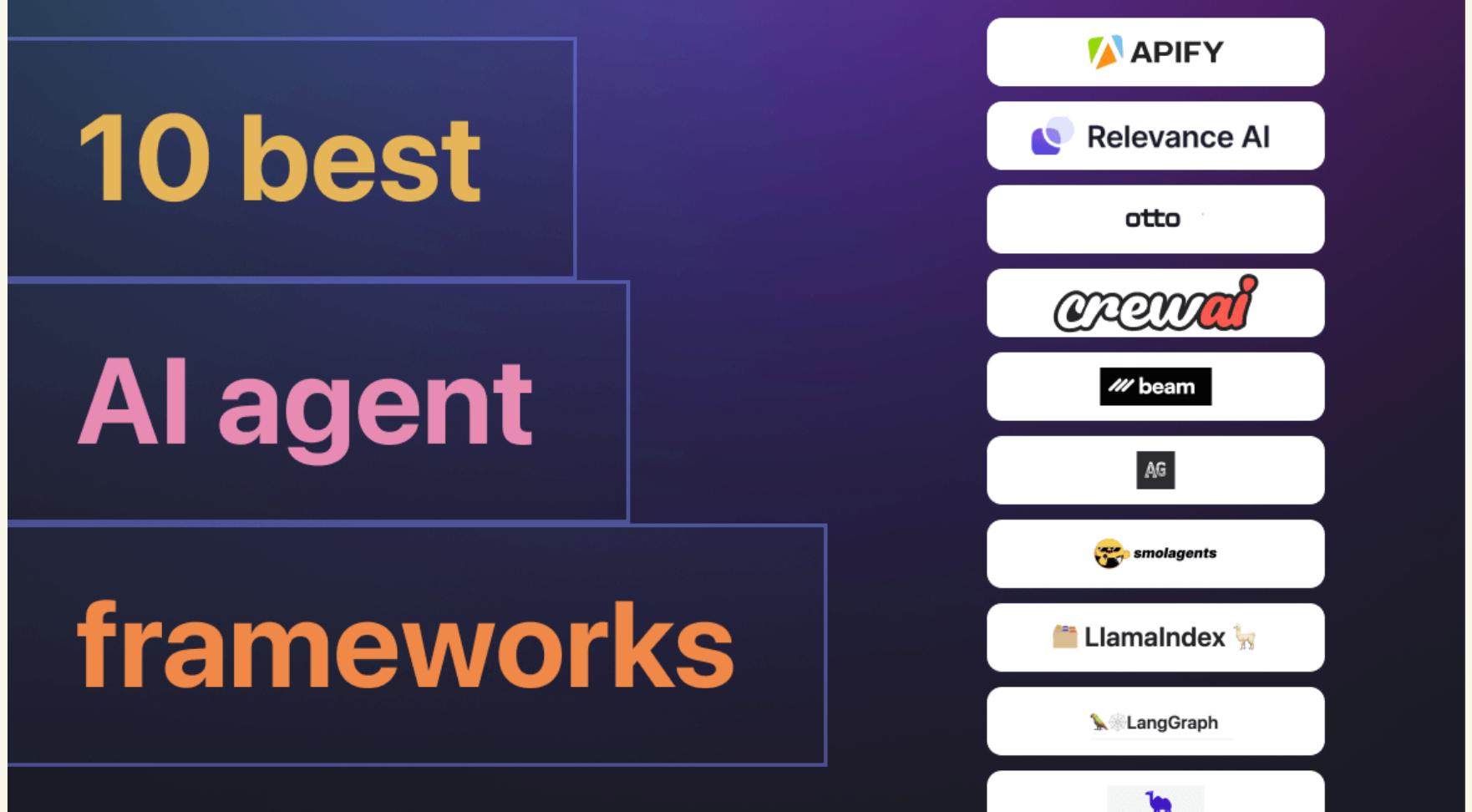
	Generative AI	AI Agents	Agentic AI
Purpose	Generate outputs	Achieve a goal	Fulfill a high-level objective
Execution Style	One-shot generation	Step-by-step actions	Dynamic, multi-agent planning
Tool Use	✗ Not supported	✓ Basic tool access	✓ Advanced tool orchestration
Memory	✗ No memory	⚠ Limited/temporary	✓ Uses memory across sessions
Reasoning	Basic (in-model)	Intermediate reasoning	Advanced with reflection and critique
Sub-Agent Support	✗ None	✗ Single agent	✓ Uses sub-agents collaboratively
Autonomy Level	Low	Medium	High
Best For	Text/image/code generation	Simple task automation	Complex workflows and decision-making



Agent need framework?



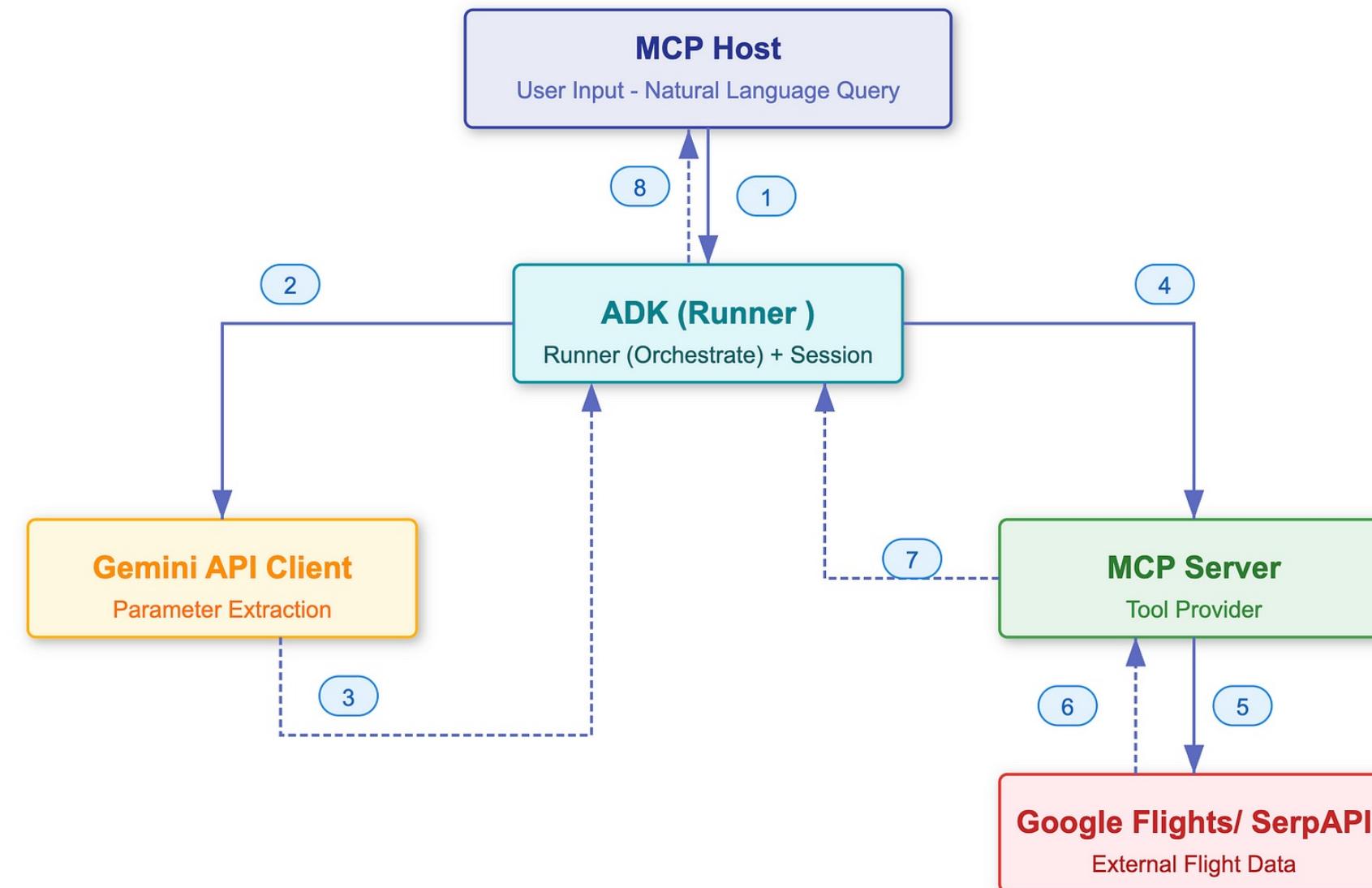
10 best AI agent frameworks



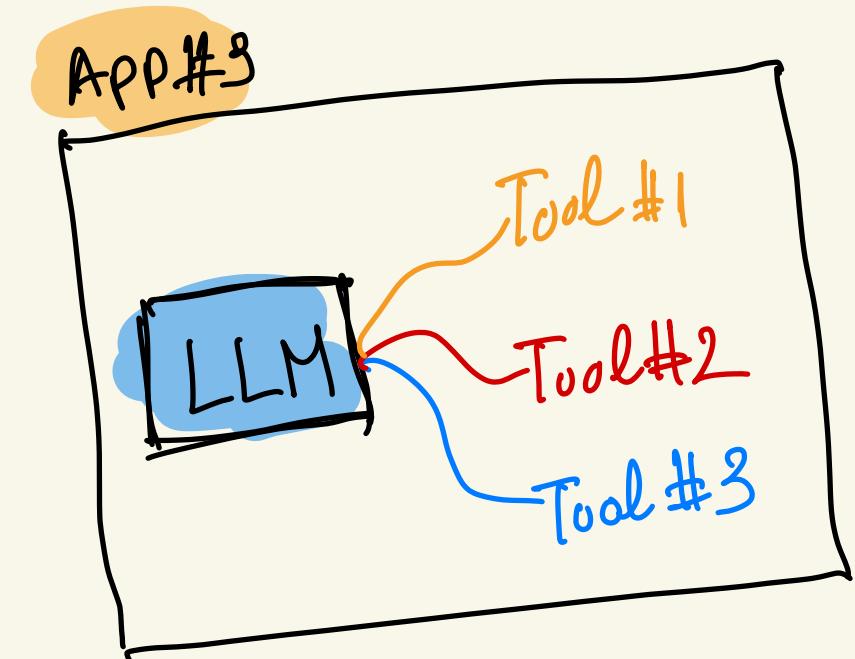
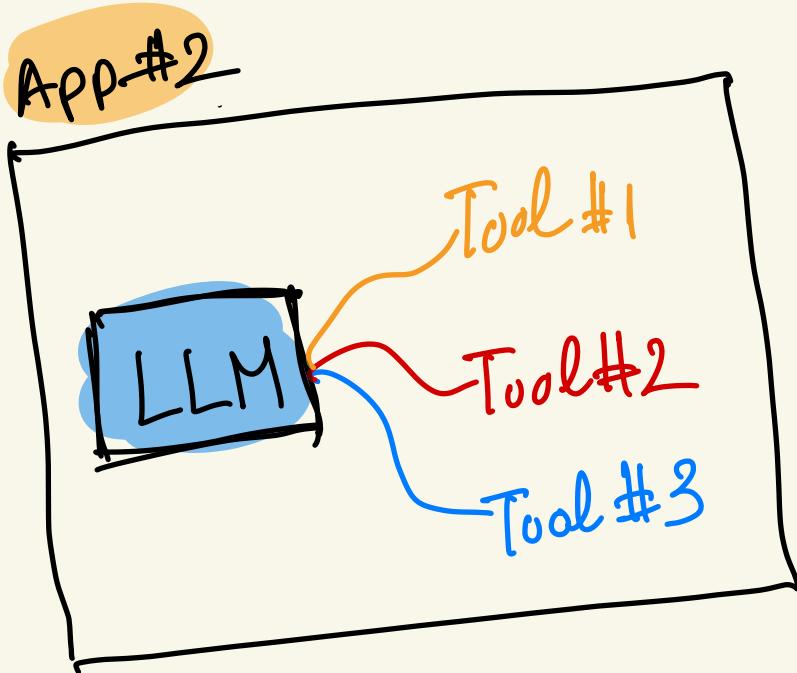
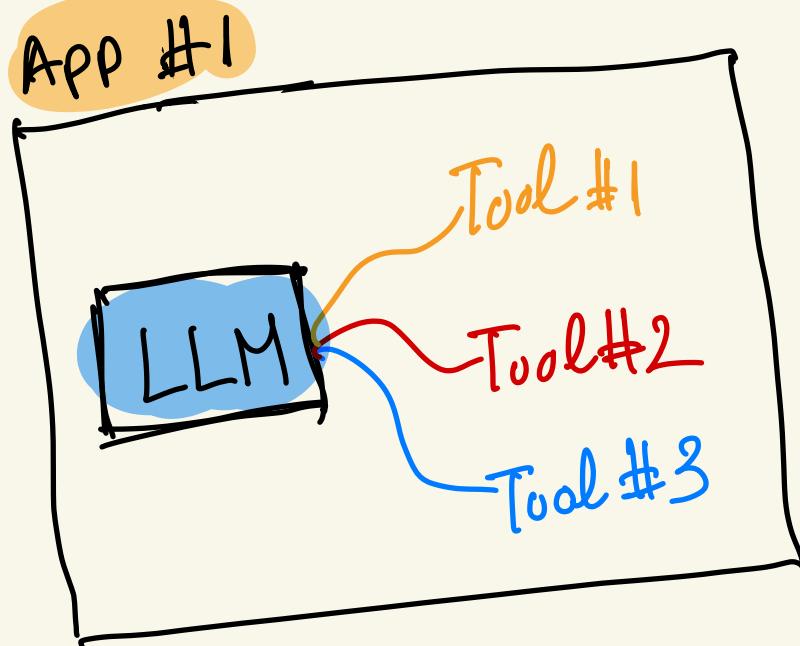
The image shows a dark purple background with a list of ten AI agent frameworks, each represented by a small logo and the framework name. The frameworks listed from top to bottom are: APIFY, Relevance AI, otto, crewai, beam, AG, smolagents, LlamaIndex, LangGraph, and a logo consisting of a blue camel-like animal.

- APIFY
- Relevance AI
- otto
- crewai
- beam
- AG
- smolagents
- LlamaIndex
- LangGraph
- camel

ADK (Agent Development Kit) + MCP (Model Context Protocol) with Gemini 2.5 Pro LLM



① HCP Review

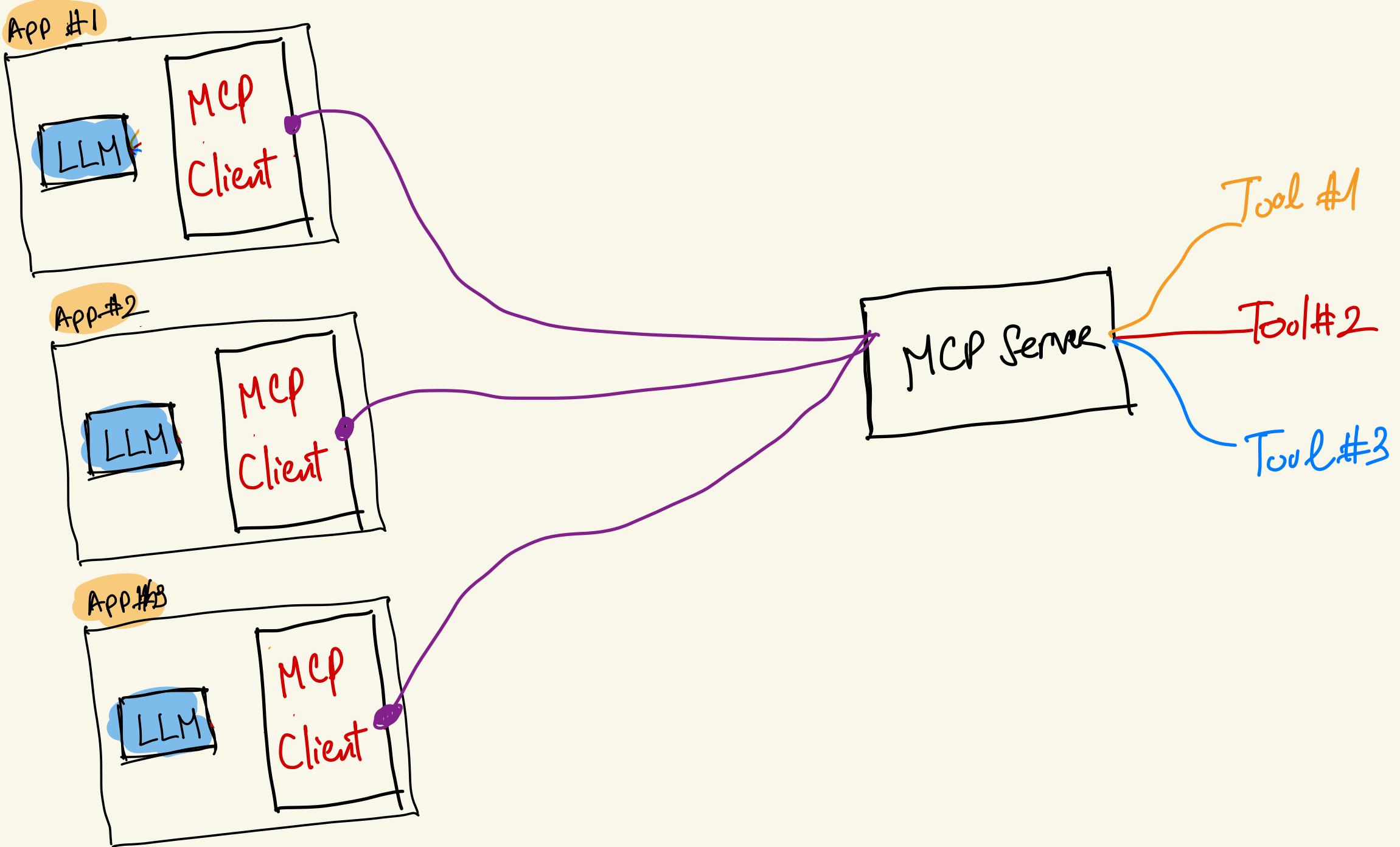


Tool API change → change all opp

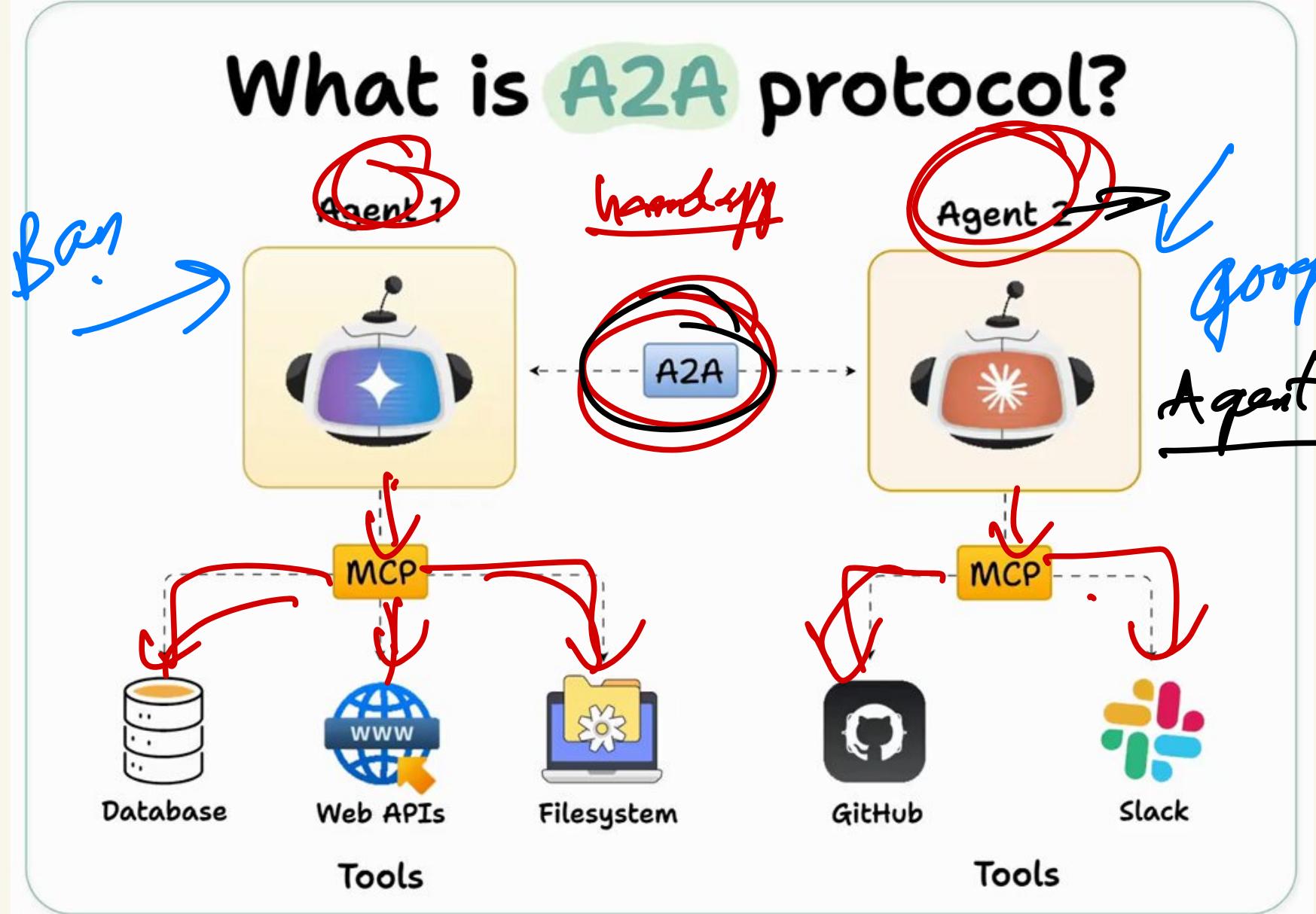


Waste effort

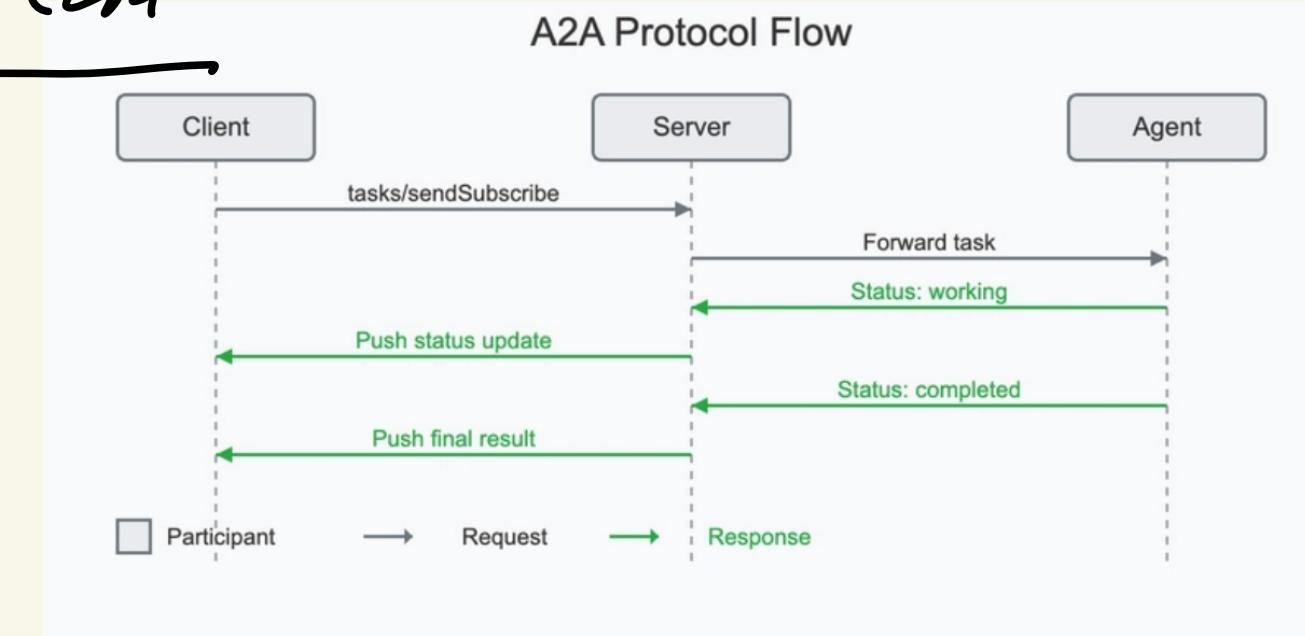


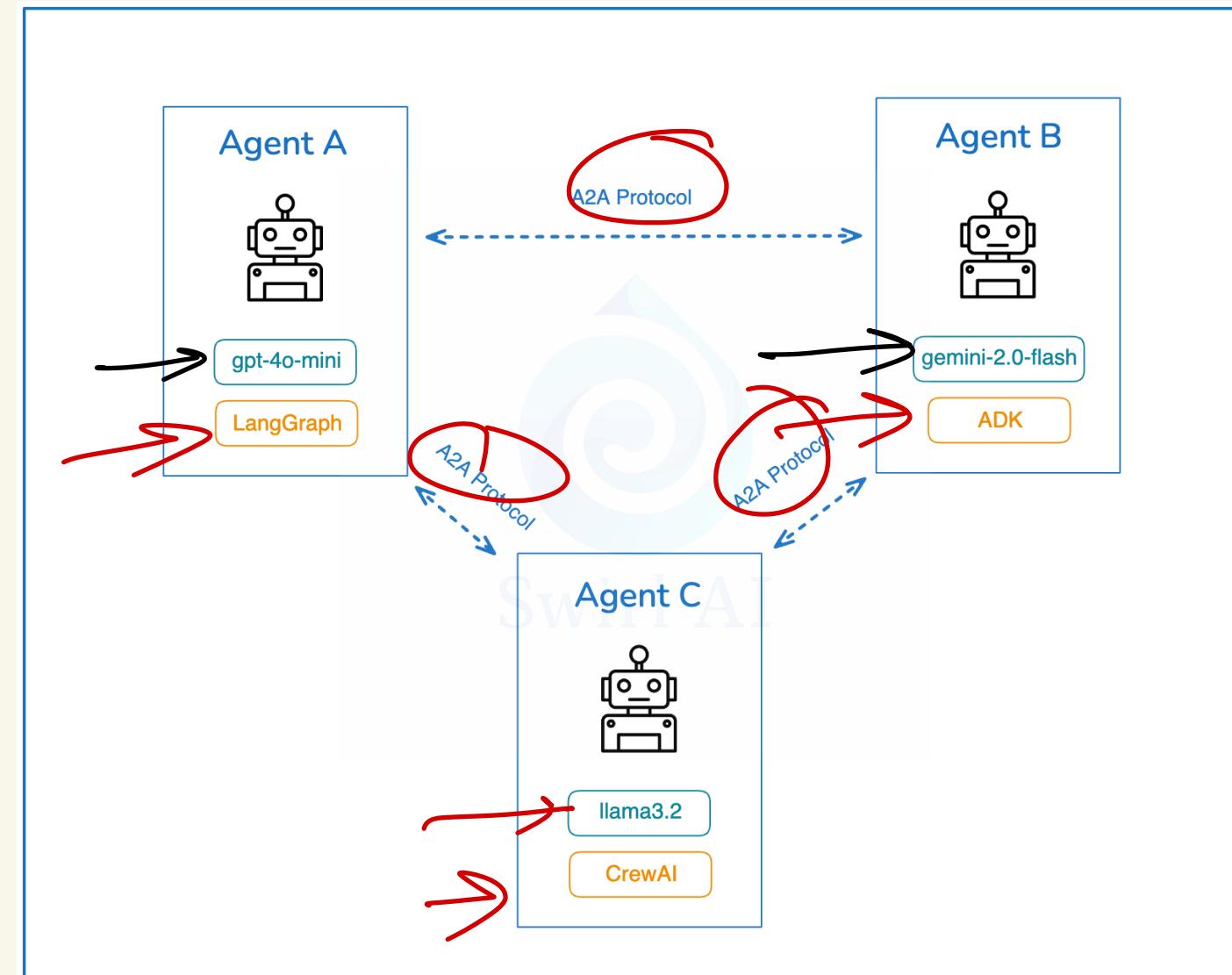
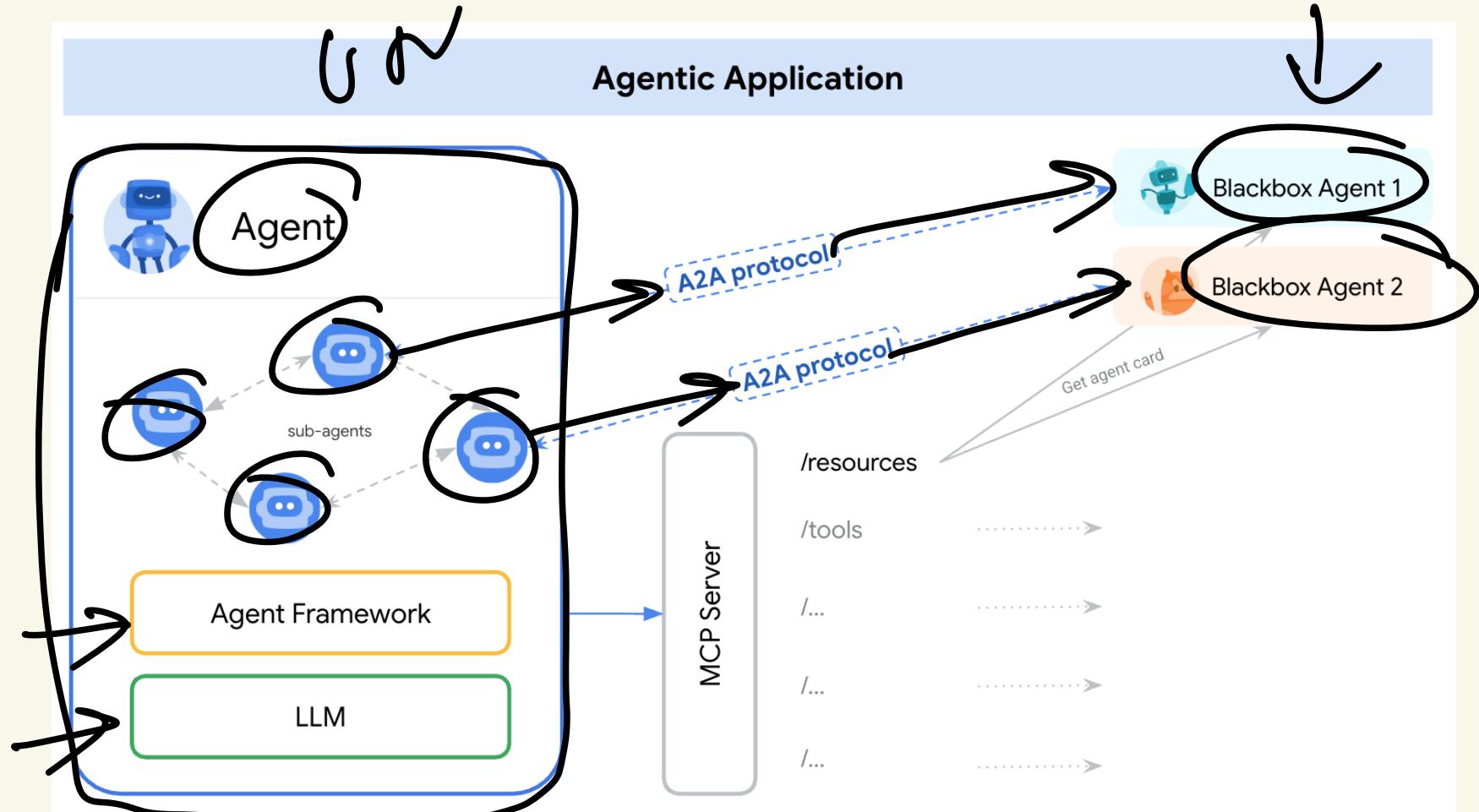


② What is A2A & A2A vs MCP



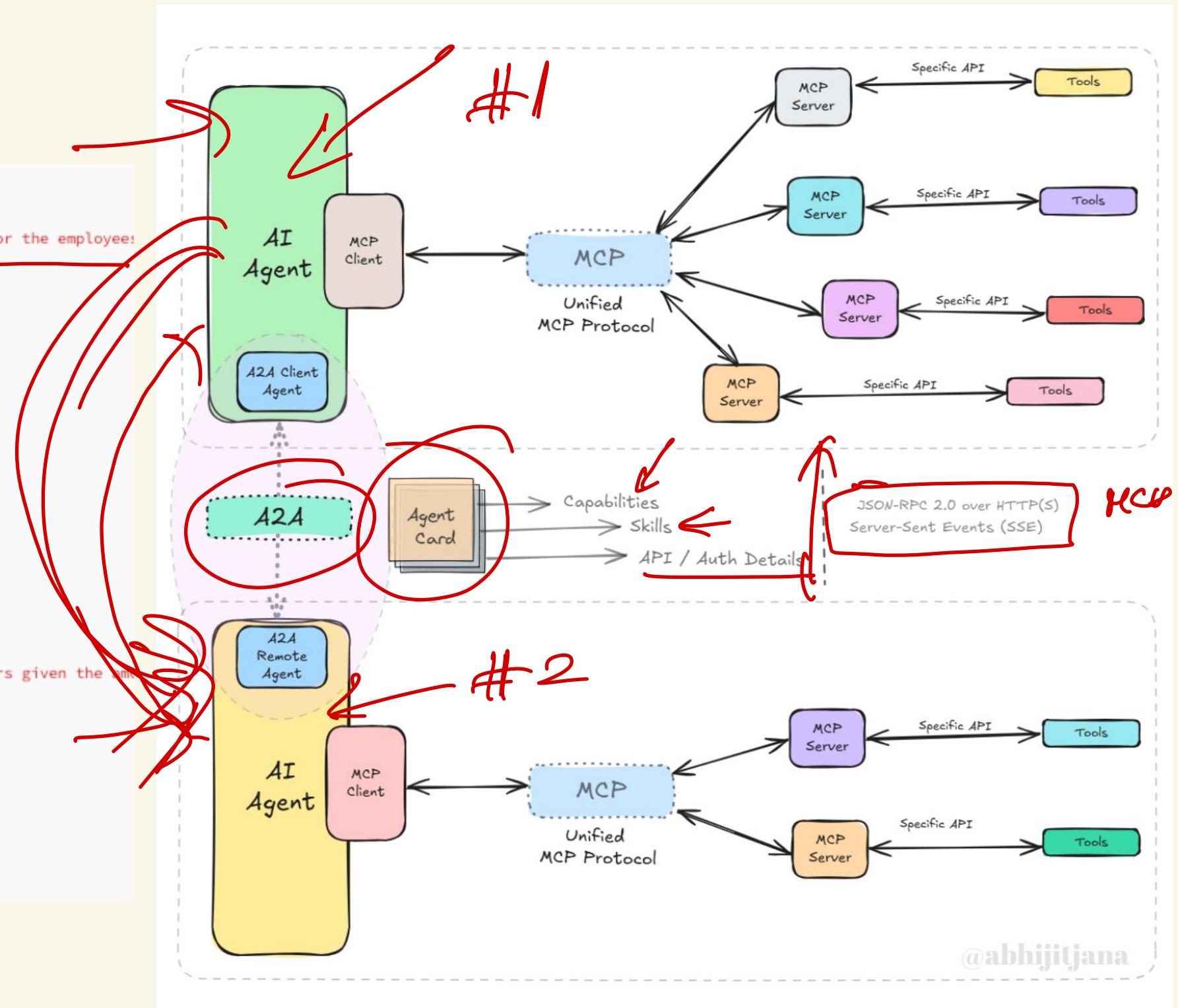
Feature	A2A (Agent-to-Agent)	MCP (Model Context Protocol)
Primary Focus	Facilitating communication between autonomous agents	Connecting AI models to external data and tools
Interaction Type	Horizontal (agent-to-agent)	Vertical (model-to-data/tool)
Use Cases	Multi-agent collaboration, task delegation	Contextual data retrieval, tool execution within AI models
Architecture	Decentralized agent network	Client-server model with standardized interfaces
Security Considerations	Emphasizes secure agent communication	Focuses on secure data access and tool execution



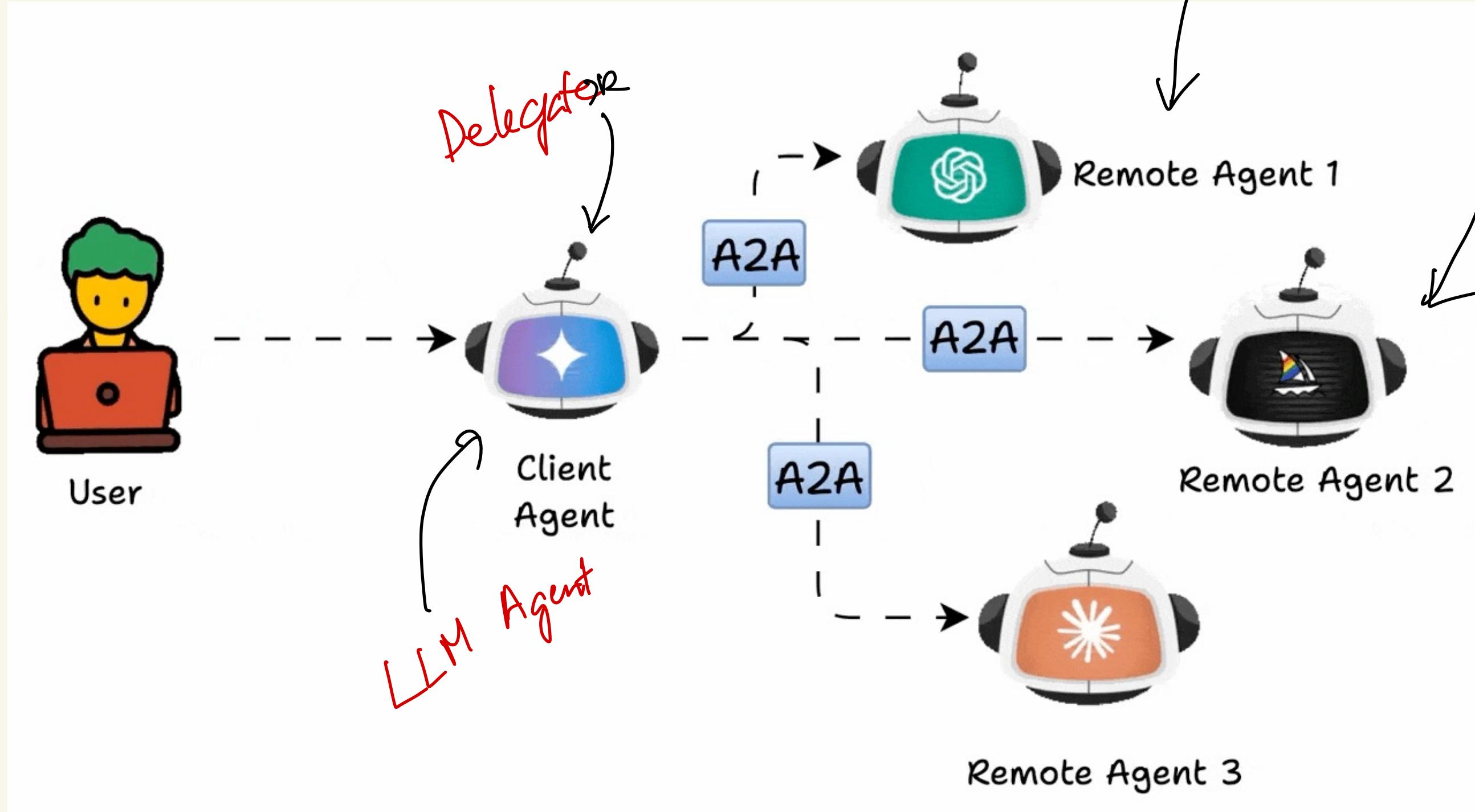


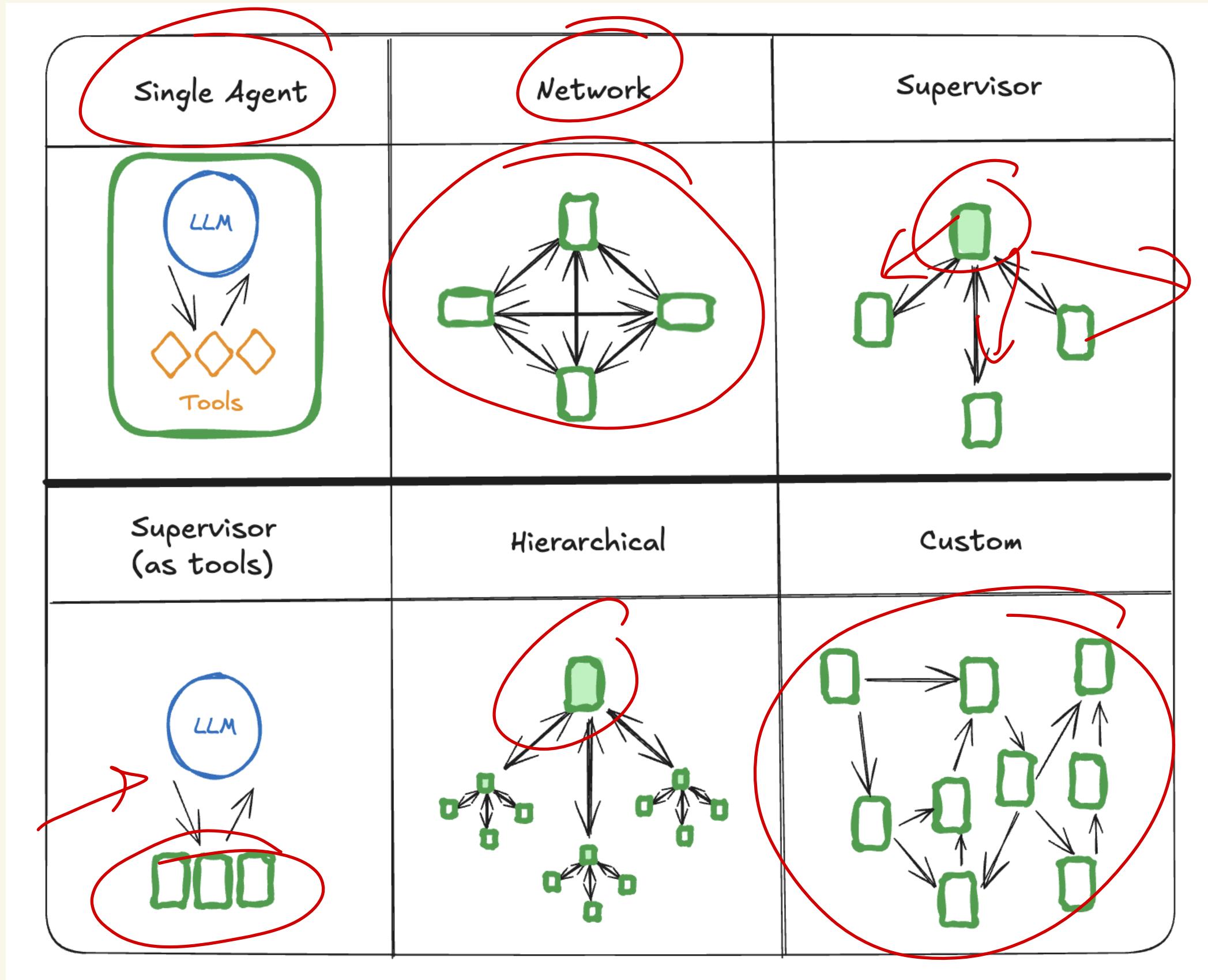
Agent Card

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    "pushNotifications": false,
    "stateTransitionHistory": false
  },
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    "text/plain"
  ],
  "defaultOutputModes": [
    "text",
    "text/plain"
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      "id": "process_reimbursement",
      "name": "Process Reimbursement Tool",
      "description": "Helps with the reimbursement process for users given the examples below",
      "tags": [
        "reimbursement"
      ],
      "examples": [
        "Can you reimburse me $20 for my lunch with the clients?"
      ]
    }
  ]
}
```



@abhijitjana







Partners contributing to the Agent2Agent protocol



Get api key from <https://aistudio.google.com/>