



## Model Context Protocol (MCP)

### MCP示意圖

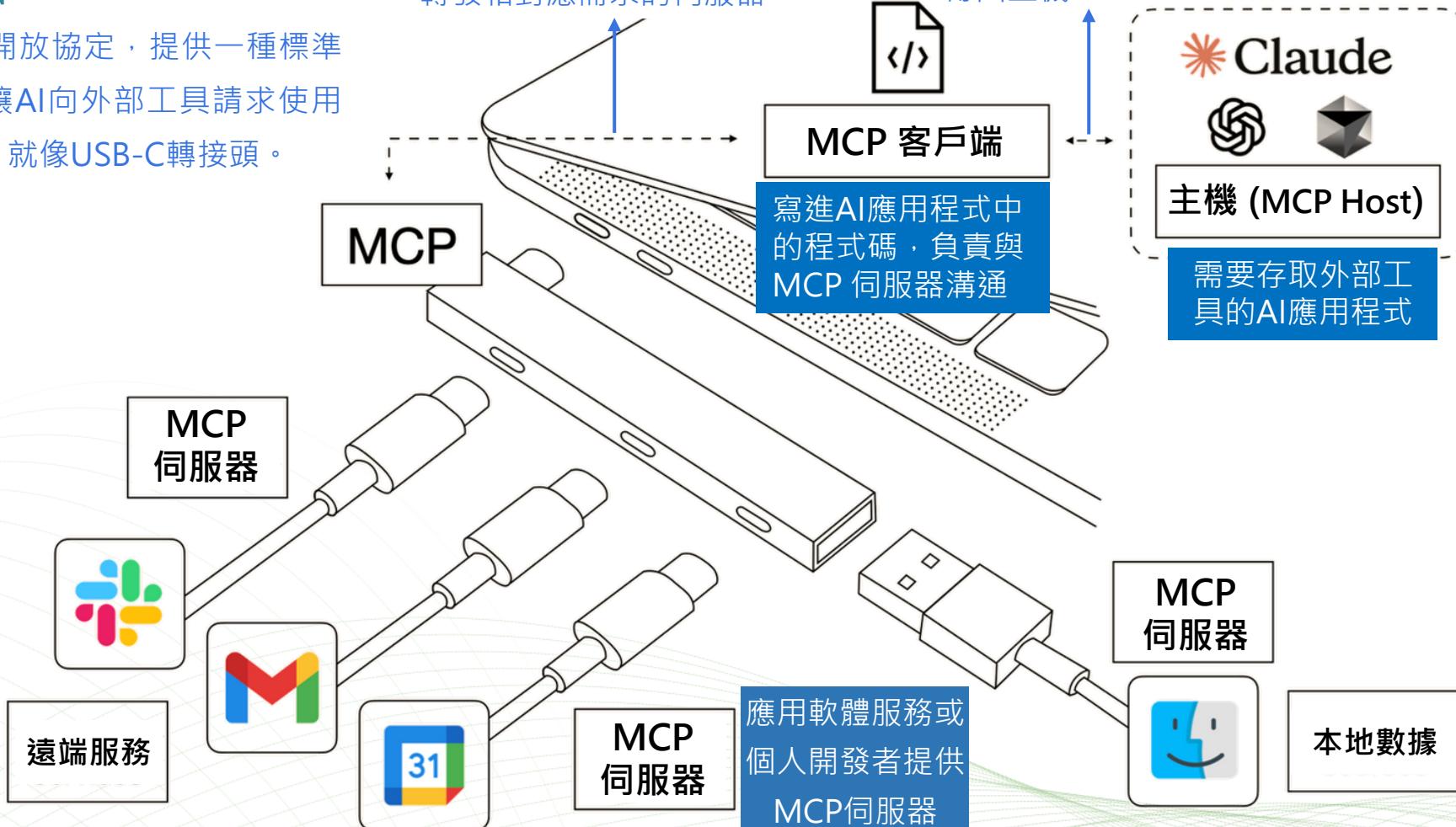
MCP是一種開放協定，提供一種標準化的方式，讓AI向外部工具請求使用服務和數據，就像USB-C轉接頭。

MCP 不只是適用於企業內部的AI工作流程，也有助於AI串接外部應用工具。

MCP 可以連接到遠端資料源，取用服務或資料

與MCP伺服端採專用1對1串接；MCP在收到資訊請求後，轉發相對應需求的伺服器

主機向客戶端發出資訊請求，客戶端則將回應傳回主機

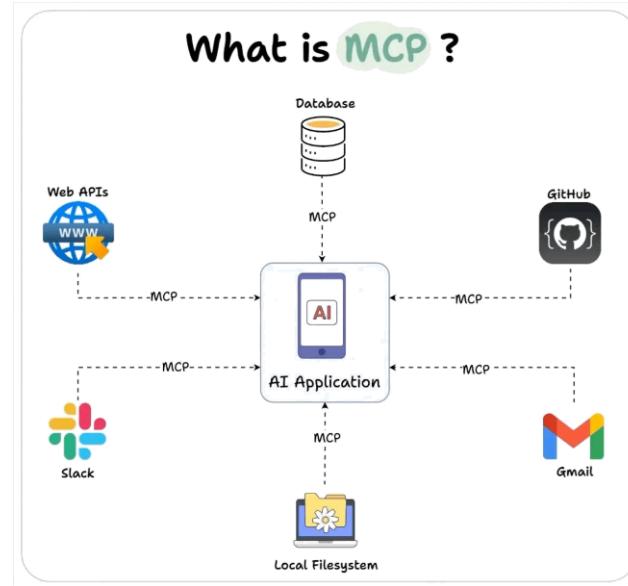


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模型上下文協定 (Model Context Protocol, MCP) 是 AI Agent (AI 助理) 技術發展的重要突破，解決了 AI 無法存取外部數據的瓶頸，讓 AI 能夠透過標準化協定與本地電腦、資料庫及網路服務互動。MCP 透過伺服器、用戶端與主機的協作機制，使 AI 助理能執行更複雜的任務，如資料庫查詢、網頁偵錯與檔案管理，進而從被動回應者轉變為主動任務執行者。





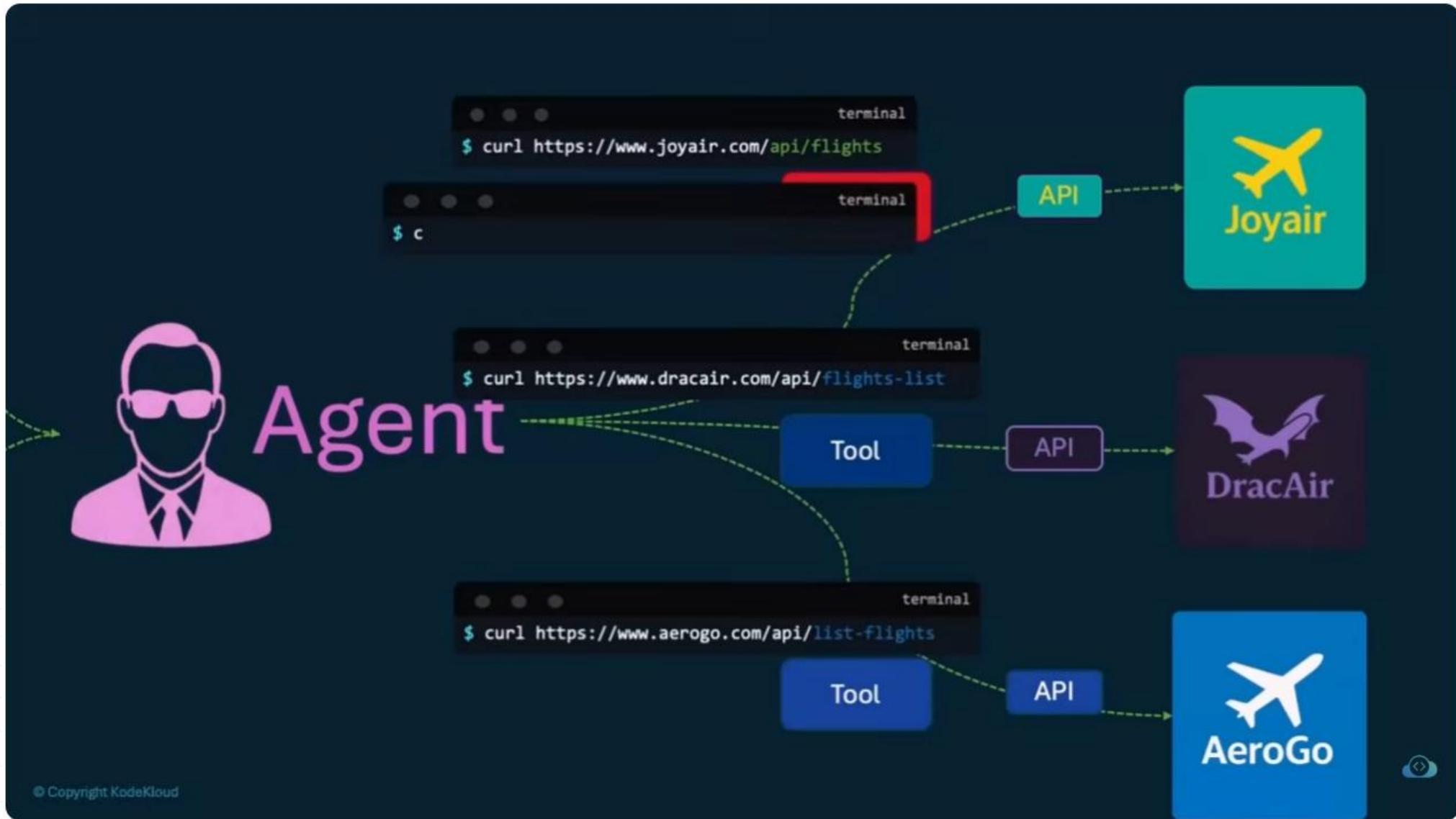
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- LLM 統一透過 MCP 來取得數據



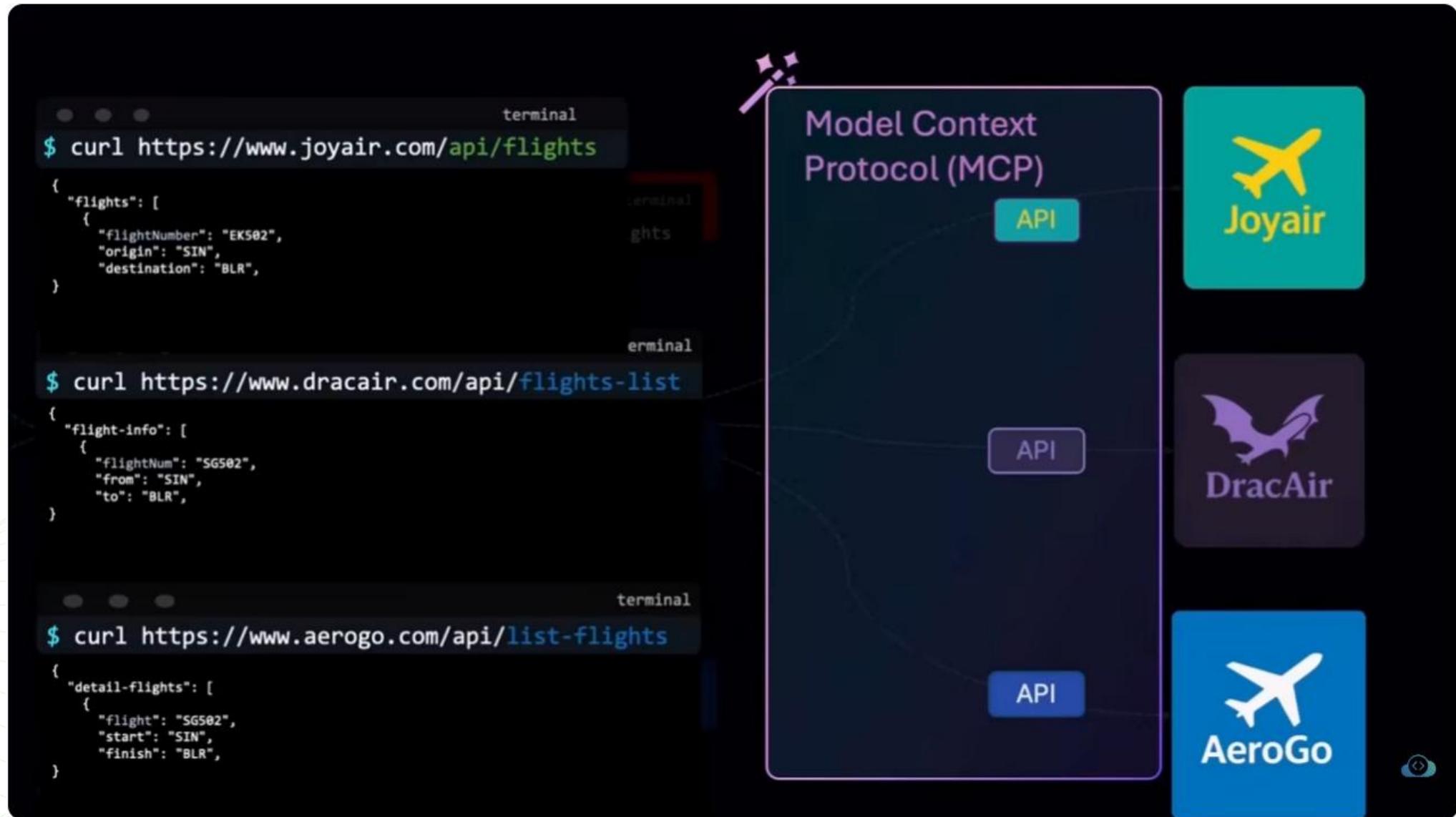


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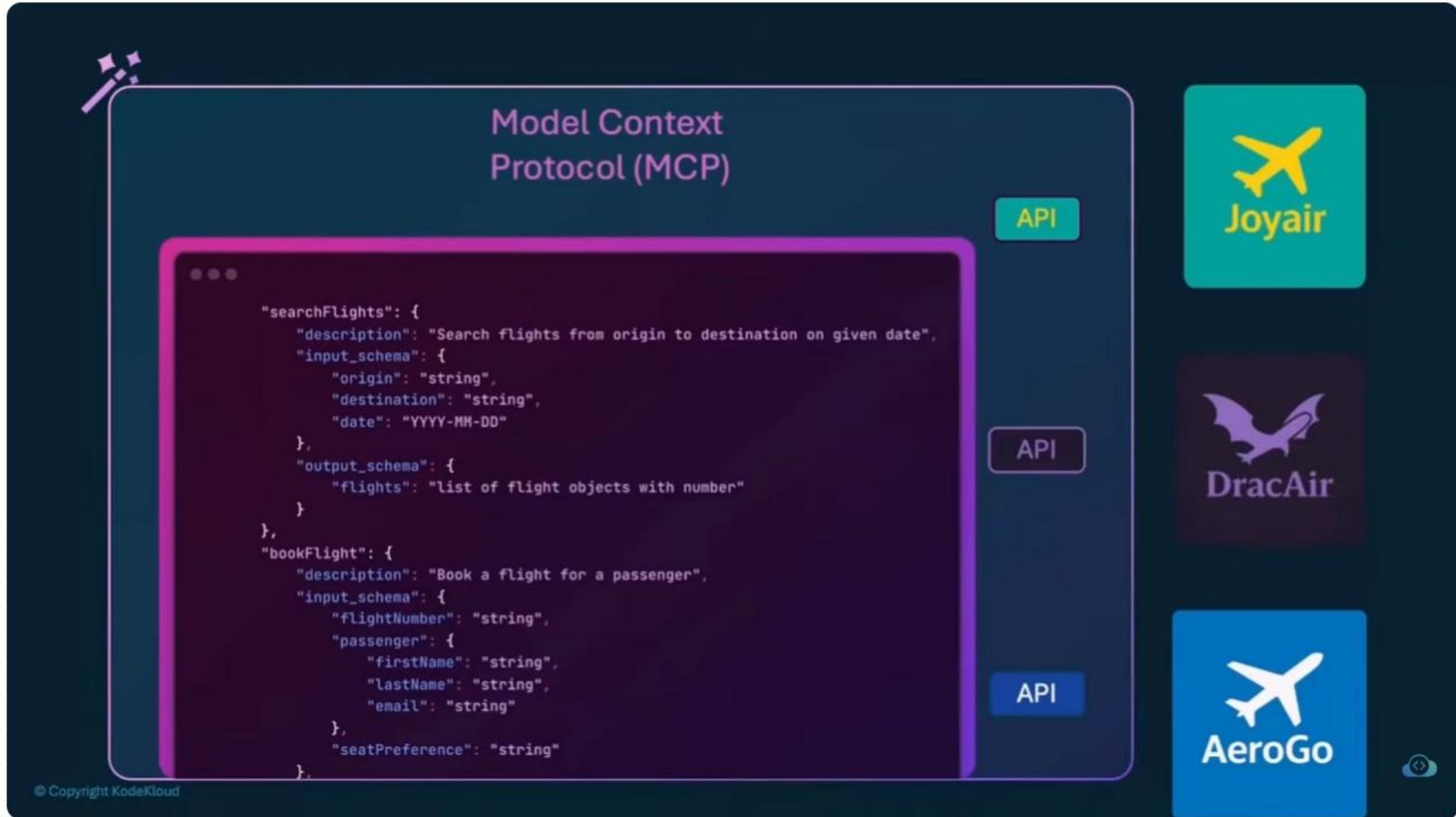


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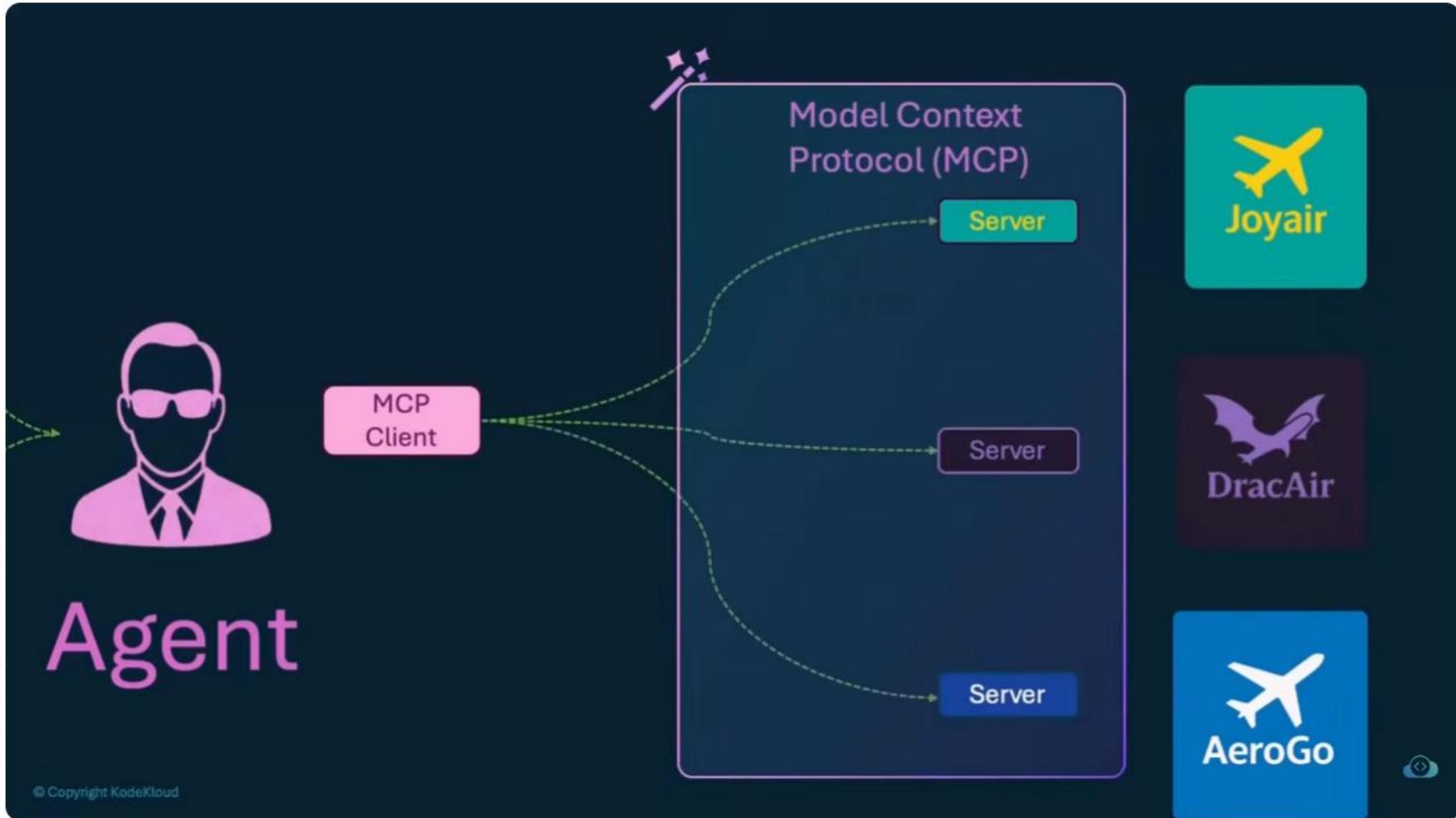


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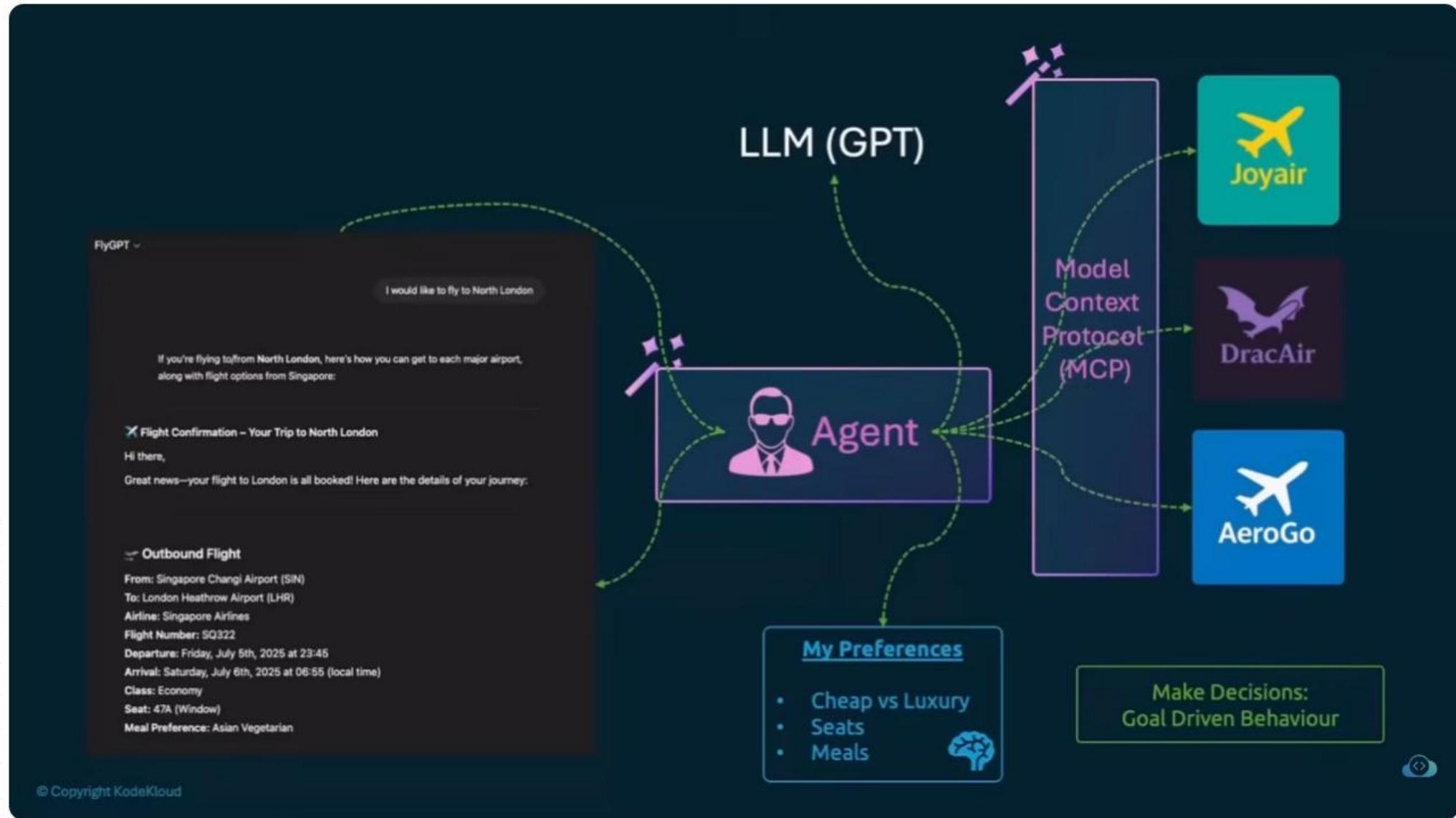


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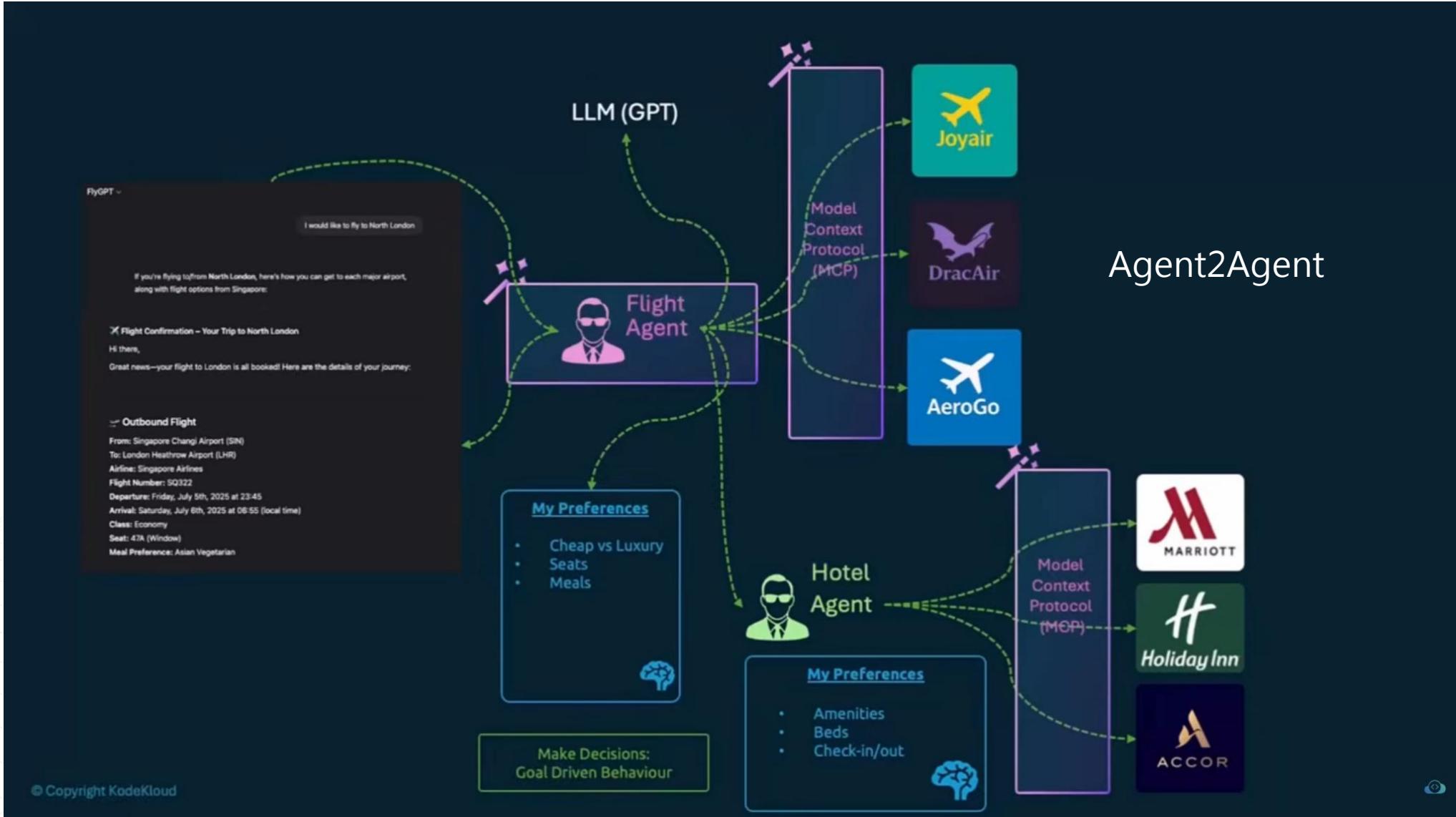


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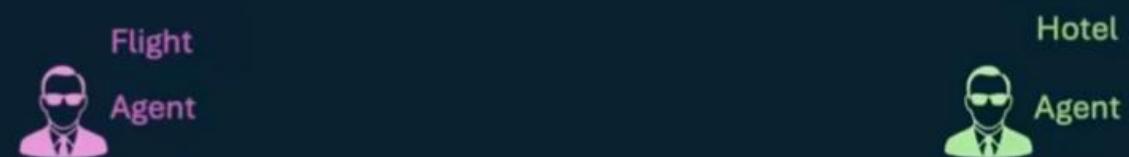
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### Agent2Agent Protocol



Capability Discovery

What can you do?

Task Management

I can search and book hotels.

Collaboration

Here's a Task for you: Search for the best hotels in London

User Experience Negotiation

I shall search hotels and get back to you with results.

Here is a list of best hotels.

