query

Agent

System: ⟨A system prompt
to choose from APIs (with
given descriptions) and output
a JSON with API name and
parameters (a structured output)⟩

human : ⟨query⟩

tool selection+
parameter formulation

tool selection
parameter formulation

JSON
Output

API Executor

Executes tool mentioned in JSON with params mention in JSON, then returns them embedded as text.

Agent

System: < A system prompt to understand the human query, tool output given in Json form & to choose from APIs (with given descriptions) and output a JSON with API name and parameters (a structured output) again, if required.

human : < query >

API output : < JSON >

JSON Output

answer

tool selection + parameter formulation