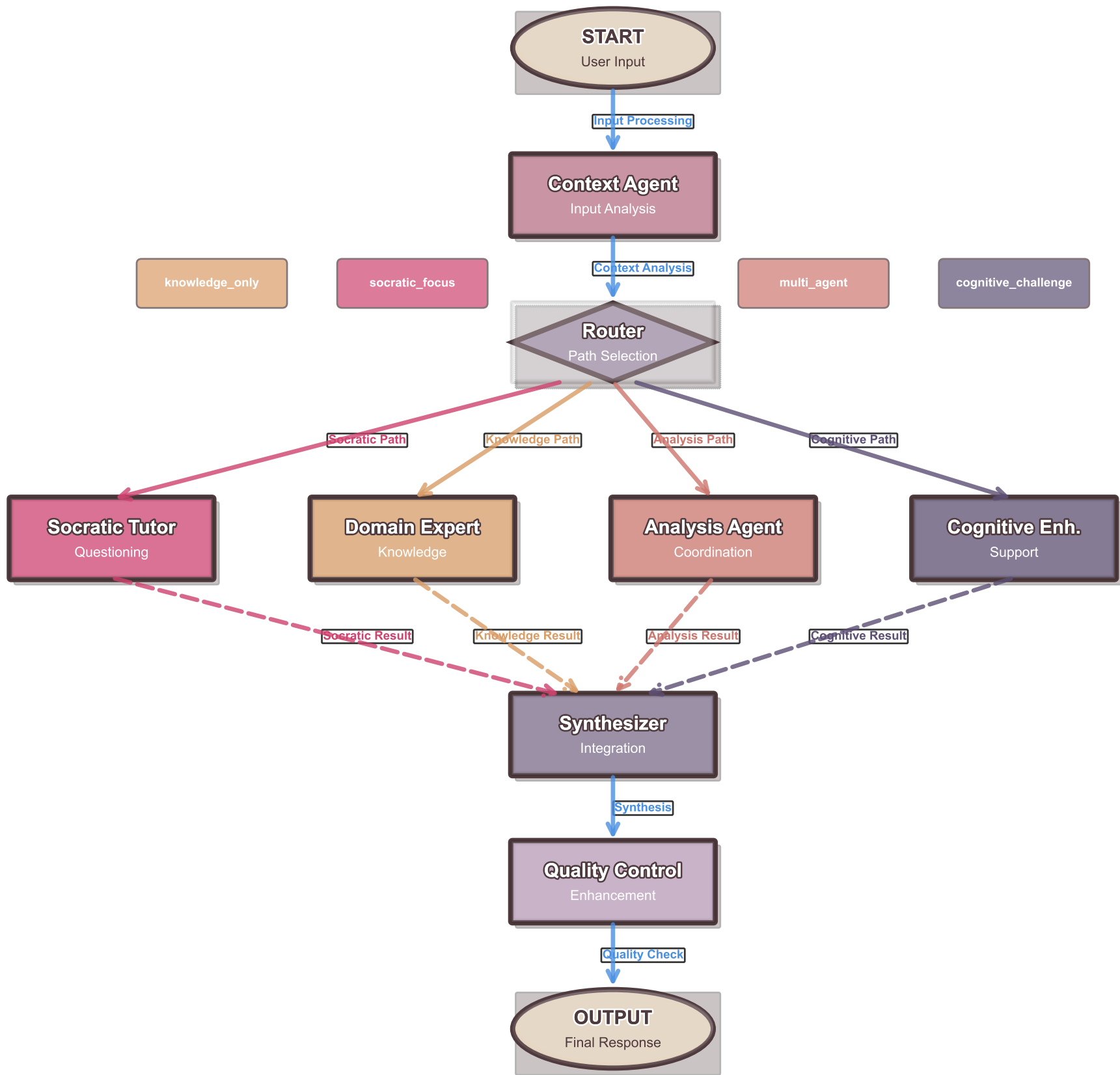


LangGraph Orchestration Workflow



Routing Matrix

| |
|----------------------|
| Progressive Opening |
| Knowledge Only |
| Socratic Exploration |
| Cognitive Challenge |
| Multi-Agent Comp. |
| Balanced Guidance |
| Design Guidance |
| Error Handling |

Workflow State

| | |
|-------------------|--------------|
| Student State: | Active |
| Classification: | Analyzed |
| Routing Decision: | Multi-Agent |
| Agent Results: | Processing |
| Final Response: | Synthesizing |

PERFORMANCE METRICS

- Avg Response Time: 1.8s
- Routing Accuracy: 96.2%
- State Transitions: 847/min
- Error Rate: 0.3%
- Agent Utilization: 89%