

# Advanced Agent-to-Agent Communication

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# Challenges in Parallel Execution

- **Simultaneous Execution Issues**
  - Multiple agents may execute the same step in the workflow.
- **Shared State Collisions**
  - Agents accessing or modifying shared data can lead to conflicts.

# Parallel Execution Orchestration

State Reducers

Multiple Schemas

Aggregation of Results

# Hands-on

# Other Topics in Communication

- Trimming and filtering
- Summarization

# Hands-on