Agent Communication

User-Agent Interaction
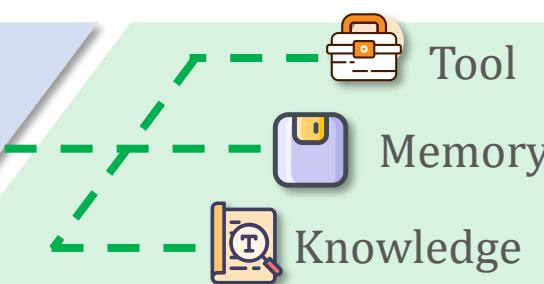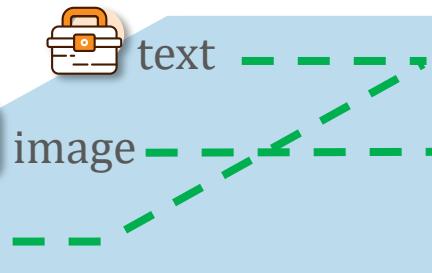
User — Agent

Agent-Agent Communication

Agent-Environment Communication

Tool
Memory
Knowledge
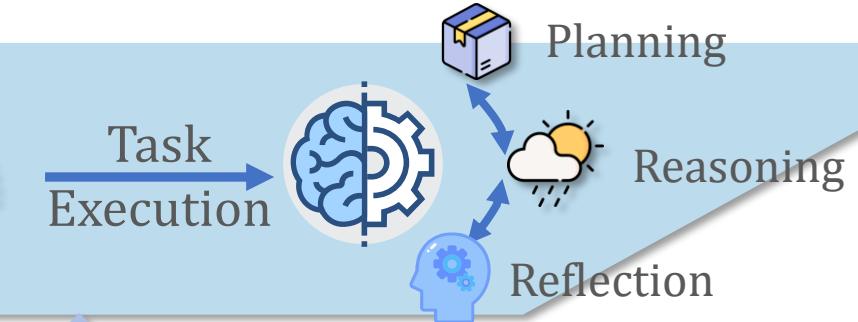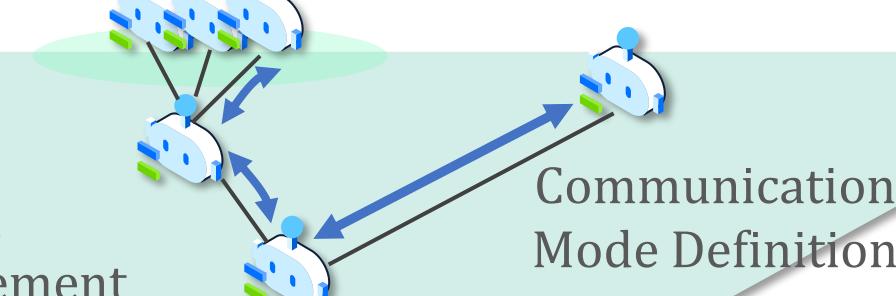
L3: Semantic Interpretation Layer
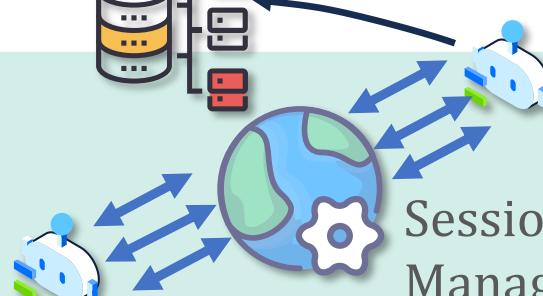
text
image
voice

- Relation Extraction
- Context Comprehension
- Intention Identification

Semantic Parsing
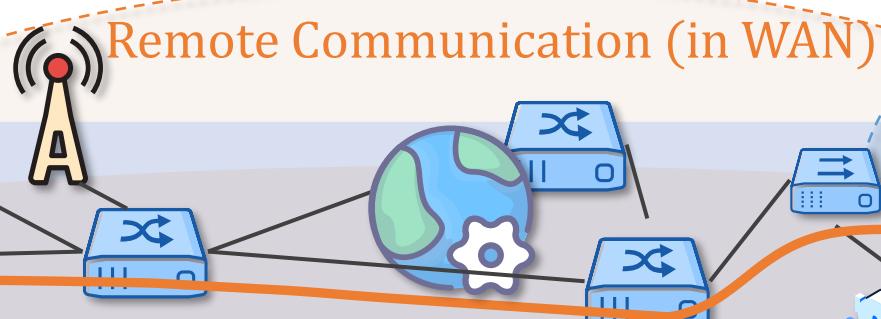
Task Execution

Planning
Reasoning
Reflection
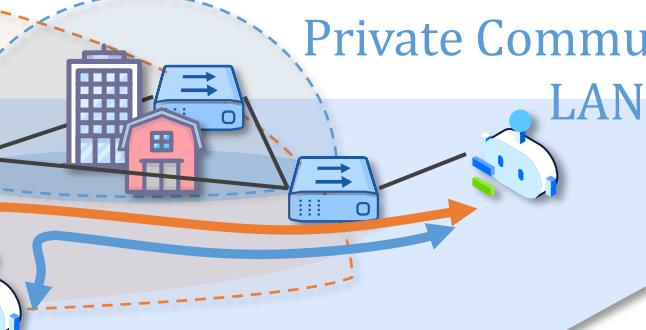
L2: Interaction Protocol Layer

Authentication

Session Management

Communication Mode Definition

L1: Data Transmission Layer

Remote Communication (in WAN)

Private Communication (in LAN)