

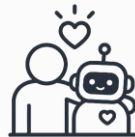
Understanding

user input and emotional state



Response

Generate natural response



Companionship

Provide companionship and emotional support



Memory Ingestion

Extract and Structure Key Information

Personal Information

Emotional State

Topic & Interest

Plan & Goal

Memory Storage

Recent Memory

Short-term conversation context

Episodic Memory

Import events and experiences

Semantic Memory

Stable knowledge and preferences

Core Memory

User profile, values, relationship

Memory Retrieval

Retrieve Relevant Memories to Support Response

- ❖ Keyword Search
- ❖ Semantic Search
- ❖ Temporal Search
- ❖ Emotion-based Search

Memory Update

Continue Update and Refine Memories

- Merge and Duplicate
- Update Recency
- Strengthen Important
- Forget Unimportant

Kero-Agent Memory System



Privacy Protection
Data Security
Backup & Recovery