Profile

Profile Contents

➢ Demographic Information
➢ Personality Information
➢ Social Information

Generation Strategy

➢ Handcrafting Method
➢ LLM-Generation Method
➢ Dataset Alignment Method

Memory

Memory Structure

➢ Unified Memory
➢ Hybrid Memory

Memory Formats

➢ Languages   ➢ Databases
➢ Embeddings   ➢ Lists

Memory Operation

➢ Memory Reading
➢ Memory Writing
➢ Memory Reflection

Planning

Planning w/o Feedback

➢ Single-path Reasoning
➢ Multi-path Reasoning
➢ External Planner

Planning w/ Feedback

➢ Environment Feedback
➢ Human Feedback
➢ Model Feedback

Action

Action Target

➢ Task Completion   ➢ Exploration
➢ Communication

Action Production

➢ Memory Recollection
➢ Plan Following

Action Space

➢ Tools   ➢ Self-Knowledge

Action Impact

➢ Environments   ➢ New Actions
➢ Internal States