

Experience



e.g., ExpeL, AWM, ReasoningBank

Chunk



e.g., Nemori, Memo, MemOS

Dialogue



e.g., MemGPT, MemoryBank

Summary

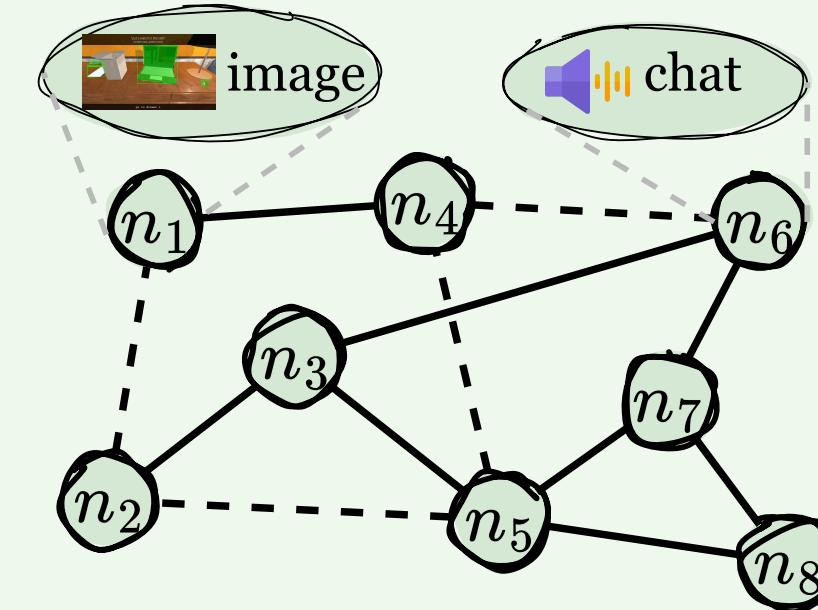


e.g., Think-in-Memory, RMM

(a) Flat Memory (1D)

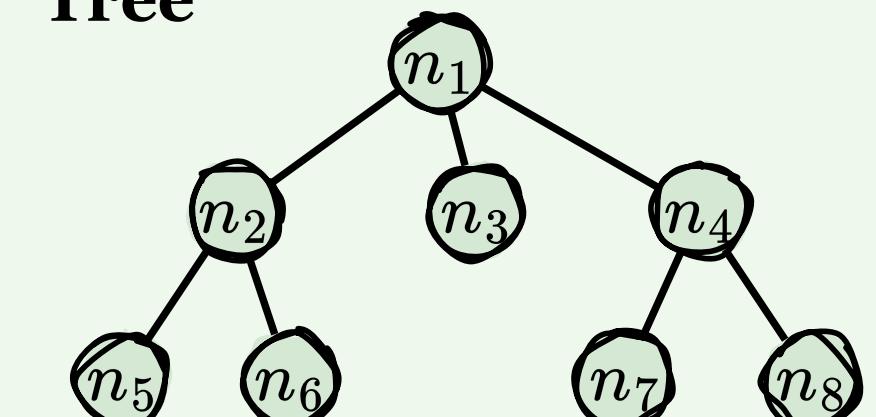
Graph

Memory graphs with different node/edge types



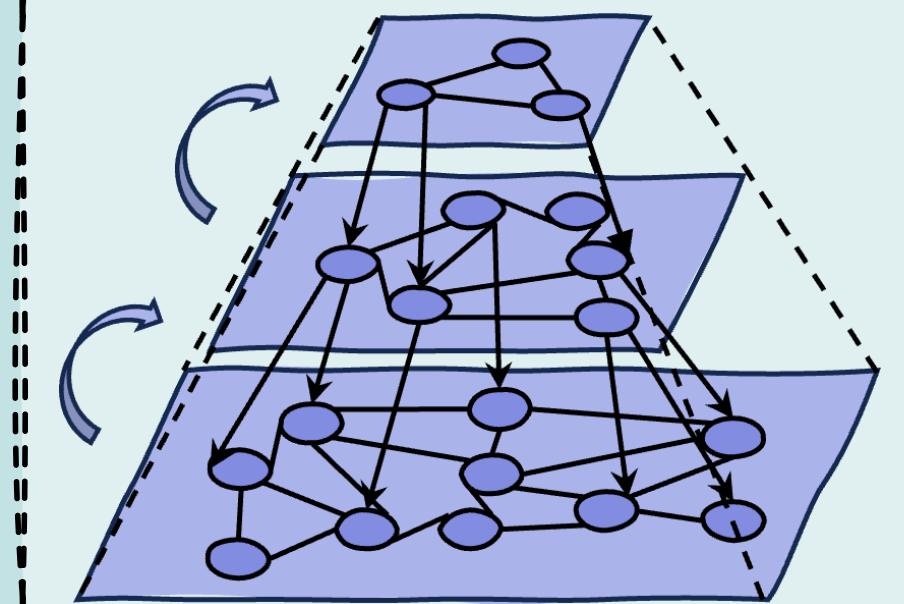
e.g., A-Mem, Memo^g, M3-Agent, D-SMART

Tree



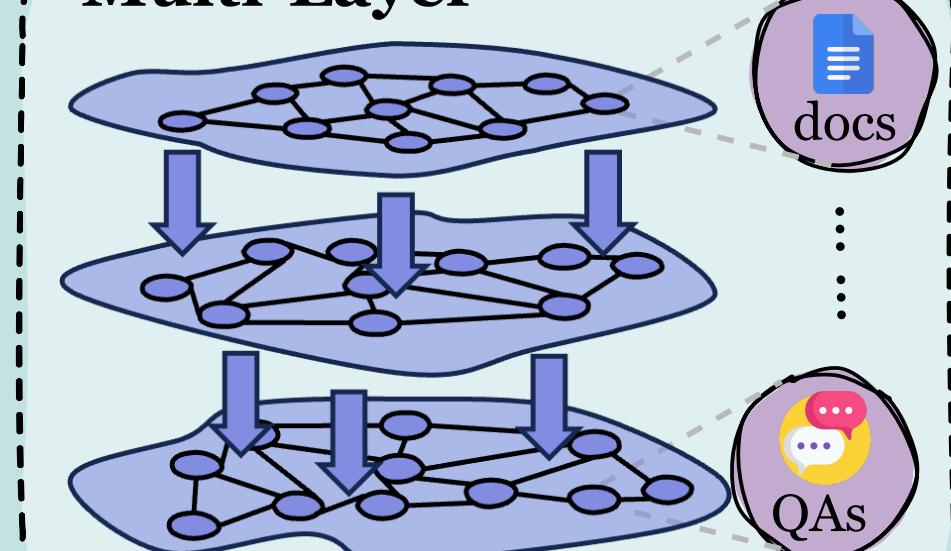
e.g., MemTree, TME, others

Pyramid



e.g., G-Memory, CAM, others

Multi-Layer



HiAgent, HippoRAG, SGMem

(b) Planar Memory (2D)

(c) Hierarchical (3D)