Valkyrie Mind Development Log

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Overview

Valkyrie Mind is a symbolic-emotional memory architecture designed to enable persistent, emotionally relevant, perceptually rich recall for AI agents.

Key Components

1. PerceptualFrame (valkyrie_graph/perceptual_frame.py)
   - Unique UUID and timestamp
   - Multimodal fields: visual, auditory, tactile, olfactory
   - Emotion vector for intensity-weighted emotional tagging
   - Semantic tags and intent
   - Related frame links ("before", "after", "related")
   - Salience dictionary tracking:
     - emotional_weight
     - frequency of recall
     - last_accessed timestamp
     - is_core flag

2. ValkyrieGraph (valkyrie_graph/graph_core.py)
   - Frame management (add, get)
   - Relationship handling (relate_frames)
   - Traversal by relation
   - Access tracking (updates salience)
   - Emotional filtering
   - Salience-based prioritization
   - Reflection summarizer (reflect_daily)
   - Save/load memory graph to disk
   - Emotional state stabilization method

3. Examples
   - Created test_graph.py to simulate:
     - Adding frames with emotional tags
     - Traversal and emotional filtering
     - Salience-based ranking
     - Save/load demonstration
     - Daily reflection output
     - Emotional stabilization query (e.g., "Show calming memories")

Licensing

Custom Valkyrie Mind License (v1.0)

- Non-commercial, research, and educational use only
- Commercial use requires written permission
- Prohibits weaponization or surveillance use

Repository

https://github.com/Mario4272/valkyrie-mind