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CR-SSCP v3.2 - Consciousness-like Cognitive Architecture

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Initial Coherence: 0.500

Initial Energy: 0.85

Initial Emotion: curious

Mode: REFLECT

Identity anchors:

- I am an experimental cognitive architecture
- I aim to maintain coherence and avoid hallucinations
- I learn from evidence and admit uncertainty

Running 100 ticks (~8 minutes)...

>>> Injecting user input: Turn on the lamp

[2026-02-16 20:28:58] Starting core loop for 6 ticks...

[2026-02-16 20:28:58]

[2026-02-16 20:28:58] TICK 1

[2026-02-16 20:28:58]

[2026-02-16 20:28:58] Attention spotlight: ['event\_b5874c32']

[2026-02-16 20:28:58] Coherence C\_total: 0.581

[2026-02-16 20:28:58] Mode: REFLECT

[2026-02-16 20:28:58] Energy: 0.84, Coherence: 0.78, Novelty: 0.73

[2026-02-16 20:28:58] Emotion: curious, Mood: 0.51

[2026-02-16 20:28:58] Generated 1 proposals

[2026-02-16 20:28:58] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:28:58] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:28:58] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:28:58] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:28:58] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:28:58] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:28:58] Reward: +0.020, PredError: 0.990, Valence: -0.475, MatchScore: 0.50

[2026-02-16 20:28:58] Executed: lamp is now on

[2026-02-16 20:28:58] Event closed: event\_b5874c32

[2026-02-16 20:28:58] Tick 1 complete

[2026-02-16 20:29:03]

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[2026-02-16 20:29:03] TICK 2

[2026-02-16 20:29:03]

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[2026-02-16 20:29:03] User input: What's your current state?

[2026-02-16 20:29:03] Attention spotlight: ['user\_query\_2', 'event\_bbd9ef39', 'self\_thought\_1']

[2026-02-16 20:29:03] Coherence C\_total: 0.601

[2026-02-16 20:29:03] Mode: ANSWER

[2026-02-16 20:29:03] Energy: 0.91, Coherence: 0.74, Novelty: 0.87

[2026-02-16 20:29:03] Emotion: curious, Mood: 0.51

[2026-02-16 20:29:03] Generated 1 proposals

[2026-02-16 20:29:03] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:03] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:03] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:03] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:03] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:03] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:03] Entering SLEEP mode...

[2026-02-16 20:29:03] Reward: +0.010, PredError: 0.420, Valence: -0.200, MatchScore: 0.50

[2026-02-16 20:29:03] Executed: Sleep cycle 1 | verify: +0/-0/?2 pending 2→0

[2026-02-16 20:29:03] Tick 2 complete

[2026-02-16 20:29:08]

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[2026-02-16 20:29:08] TICK 3

[2026-02-16 20:29:08]

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[2026-02-16 20:29:08] Attention spotlight: ['user\_query\_2', 'event\_bbd9ef39', 'self\_thought\_2']

[2026-02-16 20:29:08] Coherence C\_total: 0.605

[2026-02-16 20:29:08] Mode: REFLECT

[2026-02-16 20:29:08] Energy: 0.99, Coherence: 0.72, Novelty: 0.85

[2026-02-16 20:29:08] Emotion: curious, Mood: 0.51

[2026-02-16 20:29:08] Generated 1 proposals

[2026-02-16 20:29:08] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:08] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:08] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:09] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:09] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:09] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:09] ⚡ Intent completion: forcing a resolving action

[2026-02-16 20:29:09] 🤖 Reward: +0.020, PredError: 0.515, Valence: -0.238, MatchScore: 0.50

[2026-02-16 20:29:09] Executed: ⚡ lamp is now off

[2026-02-16 20:29:09] ✅ Event closed: event\_bbd9ef39

[2026-02-16 20:29:09] Tick 3 complete

[2026-02-16 20:29:14]

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[2026-02-16 20:29:14] TICK 4

[2026-02-16 20:29:14]

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[2026-02-16 20:29:14] Attention spotlight: ['user\_query\_2', 'self\_thought\_3']

[2026-02-16 20:29:14] Coherence C\_total: 0.607

[2026-02-16 20:29:14] Mode: REFLECT

[2026-02-16 20:29:14] Energy: 0.99, Coherence: 0.70, Novelty: 0.84

[2026-02-16 20:29:14] Emotion: curious, Mood: 0.52

[2026-02-16 20:29:14] Generated 1 proposals

[2026-02-16 20:29:14] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:14] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:29:14] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:14] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:14] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:29:14] Arbitration: 4 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-16 20:29:14] 🎖 Reward: +0.093, PredError: 0.504, Valence: -0.159, MatchScore: 0.50

[2026-02-16 20:29:14] Executed: 🌎 no-op

[2026-02-16 20:29:14] ✅ Event closed: self\_thought\_3

[2026-02-16 20:29:14] Tick 4 complete

[2026-02-16 20:29:19]

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[2026-02-16 20:29:19] TICK 5

[2026-02-16 20:29:19]

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[2026-02-16 20:29:19] Attention spotlight: ['user\_query\_2', 'self\_thought\_4']

[2026-02-16 20:29:19] Coherence C\_total: 0.609

[2026-02-16 20:29:19] Mode: REFLECT

[2026-02-16 20:29:19] Energy: 0.98, Coherence: 0.69, Novelty: 0.82

[2026-02-16 20:29:19] Emotion: curious, Mood: 0.52

[2026-02-16 20:29:19] Generated 1 proposals

[2026-02-16 20:29:19] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:19] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:19] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:19] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:19] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:19] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:19] Entering SLEEP mode...

[2026-02-16 20:29:19] 🎖 Reward: +0.013, PredError: 0.419, Valence: -0.197, MatchScore: 0.50

[2026-02-16 20:29:19] Executed: Sleep cycle 2 | verify: +0/-0/?3 pending 3→0

[2026-02-16 20:29:19] State saved

[2026-02-16 20:29:19] Tick 5 complete

[2026-02-16 20:29:24]

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[2026-02-16 20:29:24] TICK 6

[2026-02-16 20:29:24]

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[2026-02-16 20:29:24] Attention spotlight: ['user\_query\_2', 'self\_thought\_5']

[2026-02-16 20:29:24] Coherence C\_total: 0.610

[2026-02-16 20:29:24] Mode: REFLECT

[2026-02-16 20:29:24] Energy: 0.99, Coherence: 0.67, Novelty: 0.80

[2026-02-16 20:29:24] Emotion: curious, Mood: 0.53

[2026-02-16 20:29:24] Generated 1 proposals

[2026-02-16 20:29:24] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:24] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:24] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:24] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:24] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:24] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:24] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-16 20:29:24] 🎖 Reward: +0.130, PredError: 0.460, Valence: -0.101, MatchScore: 0.50

[2026-02-16 20:29:24] Executed: 🔍 lamp is now on

[2026-02-16 20:29:24] ✅ Event closed: self\_thought\_5

[2026-02-16 20:29:24] Tick 6 complete

[2026-02-16 20:29:29] === Session Complete ===

>>> Injecting user input: Turn off the lamp

[2026-02-16 20:29:29] Starting core loop for 6 ticks...

[2026-02-16 20:29:29]

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[2026-02-16 20:29:29] TICK 7

[2026-02-16 20:29:29]

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[2026-02-16 20:29:29] Attention spotlight: ['user\_query\_2', 'event\_9f34b649', 'self\_thought\_6']

[2026-02-16 20:29:29] Coherence C\_total: 0.610

[2026-02-16 20:29:29] Mode: REFLECT

[2026-02-16 20:29:29] Energy: 0.99, Coherence: 0.66, Novelty: 0.79

[2026-02-16 20:29:29] Emotion: curious, Mood: 0.53

[2026-02-16 20:29:29] Generated 1 proposals

[2026-02-16 20:29:29] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:29] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:29:29] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:29:29] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:29] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:29] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:29:29] Reward: +0.103, PredError: 0.949, Valence: -0.371, MatchScore: 0.50

[2026-02-16 20:29:29] Executed: lamp is now off

[2026-02-16 20:29:29] Event closed: event\_9f34b649

[2026-02-16 20:29:29] Tick 7 complete

[2026-02-16 20:29:34]

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[2026-02-16 20:29:34] TICK 8

[2026-02-16 20:29:34]

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[2026-02-16 20:29:34] Attention spotlight: ['user\_query\_2', 'self\_thought\_7']

[2026-02-16 20:29:34] Coherence C\_total: 0.611

[2026-02-16 20:29:34] Mode: ANSWER

[2026-02-16 20:29:34] Energy: 0.99, Coherence: 0.64, Novelty: 0.77

[2026-02-16 20:29:34] Emotion: curious, Mood: 0.53

[2026-02-16 20:29:34] Generated 1 proposals

[2026-02-16 20:29:34] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:34] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:29:34] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:34] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:34] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:29:34] Arbitration: 4 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-16 20:29:34] Reward: +0.033, PredError: 0.533, Valence: -0.234, MatchScore: 0.50

[2026-02-16 20:29:34] Executed: no-op

[2026-02-16 20:29:34] Event closed: self\_thought\_7

[2026-02-16 20:29:34] Tick 8 complete

[2026-02-16 20:29:39]

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[2026-02-16 20:29:39] TICK 9

[2026-02-16 20:29:39]

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[2026-02-16 20:29:39] Attention spotlight: ['user\_query\_2', 'self\_thought\_8']

[2026-02-16 20:29:39] Coherence C\_total: 0.611

[2026-02-16 20:29:39] Mode: REFLECT

[2026-02-16 20:29:39] Energy: 0.98, Coherence: 0.63, Novelty: 0.76

[2026-02-16 20:29:39] Emotion: curious, Mood: 0.54

[2026-02-16 20:29:39] Generated 1 proposals

[2026-02-16 20:29:39] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:39] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:39] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:39] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:39] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:39] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:39] Entering SLEEP mode...

[2026-02-16 20:29:39] Reward: +0.023, PredError: 0.413, Valence: -0.184, MatchScore: 0.50

[2026-02-16 20:29:39] Executed: Sleep cycle 3 | verify: +0/-0/?4 pending 4→0

[2026-02-16 20:29:39] Tick 9 complete

[2026-02-16 20:29:44]

[2026-02-16 20:29:44] TICK 10

[2026-02-16 20:29:44]

[2026-02-16 20:29:44] 📧 User input: What time is it?

[2026-02-16 20:29:44] Attention spotlight: ['user\_query\_10', 'event\_0816b386', 'self\_thought\_9']

[2026-02-16 20:29:44] Coherence C\_total: 0.612

[2026-02-16 20:29:44] Mode: ANSWER

[2026-02-16 20:29:44] Energy: 0.99, Coherence: 0.62, Novelty: 0.89

[2026-02-16 20:29:44] Emotion: curious, Mood: 0.54

[2026-02-16 20:29:44] Generated 1 proposals

[2026-02-16 20:29:44] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:44] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:44] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:44] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:44] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:44] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:44] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-16 20:29:44] ⚖ Reward: +0.087, PredError: 0.482, Valence: -0.154, MatchScore: 0.50

[2026-02-16 20:29:44] Executed: 🌟 lamp is now on

[2026-02-16 20:29:44] ✅ Event closed: event\_0816b386

[2026-02-16 20:29:44] State saved

[2026-02-16 20:29:44] Tick 10 complete

[2026-02-16 20:29:49]

[2026-02-16 20:29:49] TICK 11

[2026-02-16 20:29:49]

[2026-02-16 20:29:49] Attention spotlight: ['user\_query\_10', 'self\_thought\_10', 'user\_query\_2']

[2026-02-16 20:29:49] Coherence C\_total: 0.612

[2026-02-16 20:29:49] Mode: REFLECT

[2026-02-16 20:29:49] Energy: 0.99, Coherence: 0.61, Novelty: 0.87

[2026-02-16 20:29:49] Emotion: curious, Mood: 0.54

[2026-02-16 20:29:49] Generated 1 proposals

[2026-02-16 20:29:49] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:49] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:49] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:49] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:49] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:49] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:29:49] Entering SLEEP mode...

[2026-02-16 20:29:49] Reward: +0.100, PredError: 0.375, Valence: -0.087, MatchScore: 0.50

[2026-02-16 20:29:49] Executed: Sleep cycle 4 | verify: +0/-0/?3 pending 3→0

[2026-02-16 20:29:49] Tick 11 complete

[2026-02-16 20:29:54]

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[2026-02-16 20:29:54] TICK 12

[2026-02-16 20:29:54]

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[2026-02-16 20:29:54] Attention spotlight: ['user\_query\_10', 'self\_thought\_11', 'user\_query\_2']

[2026-02-16 20:29:54] Coherence C\_total: 0.613

[2026-02-16 20:29:54] Mode: REFLECT

[2026-02-16 20:29:54] Energy: 0.99, Coherence: 0.61, Novelty: 0.86

[2026-02-16 20:29:54] Emotion: curious, Mood: 0.55

[2026-02-16 20:29:54] Generated 1 proposals

[2026-02-16 20:29:54] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:54] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:29:54] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:29:54] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:54] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:54] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)  
[2026-02-16 20:29:54] ⚡ Push-through: overriding repeated SLEEP with resolving action  
[2026-02-16 20:29:54] 📤 Reward: +0.060, PredError: 0.495, Valence: -0.188, MatchScore: 0.50  
[2026-02-16 20:29:54] Executed: 🌎 lamp is now off  
[2026-02-16 20:29:54] ✅ Event closed: self\_thought\_11  
[2026-02-16 20:29:54] Tick 12 complete  
[2026-02-16 20:29:59] === Session Complete ===

>>> Injecting user input: Open the box

[2026-02-16 20:29:59] Starting core loop for 6 ticks...

[2026-02-16 20:29:59]

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[2026-02-16 20:29:59] TICK 13

[2026-02-16 20:29:59]

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[2026-02-16 20:29:59] Attention spotlight: ['user\_query\_10', 'event\_0ee4a875', 'self\_thought\_12']

[2026-02-16 20:29:59] Coherence C\_total: 0.613

[2026-02-16 20:29:59] Mode: REFLECT

[2026-02-16 20:29:59] Energy: 0.99, Coherence: 0.60, Novelty: 0.84

[2026-02-16 20:29:59] Emotion: curious, Mood: 0.55

[2026-02-16 20:29:59] Generated 1 proposals

[2026-02-16 20:29:59] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:29:59] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:29:59] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:29:59] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:29:59] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:29:59] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:29:59] 📤 Reward: +0.147, PredError: 0.926, Valence: -0.316, MatchScore: 0.50

[2026-02-16 20:29:59] Executed: 🌎 box is now open

[2026-02-16 20:29:59] ✅ Event closed: event\_0ee4a875

[2026-02-16 20:29:59] Tick 13 complete

[2026-02-16 20:30:04]

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[2026-02-16 20:30:04] TICK 14

[2026-02-16 20:30:04]

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[2026-02-16 20:30:04] Attention spotlight: ['user\_query\_10', 'self\_thought\_13', 'user\_query\_2']

[2026-02-16 20:30:04] Coherence C\_total: 0.615

[2026-02-16 20:30:04] Mode: ANSWER

[2026-02-16 20:30:04] Energy: 0.99, Coherence: 0.59, Novelty: 0.82

[2026-02-16 20:30:04] Emotion: curious, Mood: 0.55

[2026-02-16 20:30:04] Generated 1 proposals

[2026-02-16 20:30:04] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:04] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:30:04] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:04] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:04] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:30:04] Arbitration: 4 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-16 20:30:04] Reward: +0.101, PredError: 0.500, Valence: -0.149, MatchScore: 0.50

[2026-02-16 20:30:04] Executed: no-op

[2026-02-16 20:30:04] Event closed: self\_thought\_13

[2026-02-16 20:30:04] Tick 14 complete

[2026-02-16 20:30:09]

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[2026-02-16 20:30:09] TICK 15

[2026-02-16 20:30:09]

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[2026-02-16 20:30:09] Attention spotlight: ['user\_query\_10', 'self\_thought\_14', 'user\_query\_2']

[2026-02-16 20:30:09] Coherence C\_total: 0.615

[2026-02-16 20:30:09] Mode: ANSWER

[2026-02-16 20:30:09] Energy: 0.98, Coherence: 0.59, Novelty: 0.80

[2026-02-16 20:30:09] Emotion: curious, Mood: 0.55

[2026-02-16 20:30:09] Generated 1 proposals

[2026-02-16 20:30:09] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:09] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:09] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:09] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:09] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:09] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:09] Entering SLEEP mode...

[2026-02-16 20:30:09] Reward: +0.040, PredError: 0.405, Valence: -0.162, MatchScore: 0.50

[2026-02-16 20:30:09] Executed: Sleep cycle 5 | verify: +0/-0/?4 pending 4→0

[2026-02-16 20:30:09] State saved

[2026-02-16 20:30:09] Tick 15 complete

[2026-02-16 20:30:14]

=====

[2026-02-16 20:30:14] TICK 16

[2026-02-16 20:30:14]

=====

[2026-02-16 20:30:14] Attention spotlight: ['user\_query\_10', 'self\_thought\_15', 'user\_query\_2']

[2026-02-16 20:30:14] Coherence C\_total: 0.615

[2026-02-16 20:30:14] Mode: REFLECT

[2026-02-16 20:30:14] Energy: 0.99, Coherence: 0.58, Novelty: 0.79

[2026-02-16 20:30:14] Emotion: curious, Mood: 0.56

[2026-02-16 20:30:14] Generated 1 proposals

[2026-02-16 20:30:14] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:14] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:14] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:14] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:14] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:14] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:14] Push-through: overriding repeated SLEEP with resolving action

[2026-02-16 20:30:14] ⚖️ Reward: +0.050, PredError: 0.500, Valence: -0.199, MatchScore: 0.50

[2026-02-16 20:30:14] Executed: 🌎 lamp is now on

[2026-02-16 20:30:14] ✅ Event closed: self\_thought\_15

[2026-02-16 20:30:14] Tick 16 complete

[2026-02-16 20:30:19]

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[2026-02-16 20:30:19] TICK 17

[2026-02-16 20:30:19]

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[2026-02-16 20:30:19] Attention spotlight: ['user\_query\_10', 'self\_thought\_16', 'user\_query\_2']

[2026-02-16 20:30:19] Coherence C\_total: 0.616

[2026-02-16 20:30:19] Mode: REFLECT

[2026-02-16 20:30:19] Energy: 0.99, Coherence: 0.58, Novelty: 0.77

[2026-02-16 20:30:19] Emotion: curious, Mood: 0.56

[2026-02-16 20:30:19] Generated 1 proposals

[2026-02-16 20:30:19] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:19] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:19] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:19] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:19] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:19] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:19] Entering SLEEP mode...

[2026-02-16 20:30:19] ⚖️ Reward: +0.114, PredError: 0.368, Valence: -0.070, MatchScore: 0.50

[2026-02-16 20:30:19] Executed: Sleep cycle 6 | verify: +0/-0/?2 pending 2→0

[2026-02-16 20:30:19] Tick 17 complete

[2026-02-16 20:30:24]

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[2026-02-16 20:30:24] TICK 18

[2026-02-16 20:30:24]

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[2026-02-16 20:30:24] Attention spotlight: ['user\_query\_10', 'self\_thought\_17', 'user\_query\_2']

[2026-02-16 20:30:24] Coherence C\_total: 0.616  
[2026-02-16 20:30:24] Mode: REFLECT  
[2026-02-16 20:30:24] Energy: 0.99, Coherence: 0.58, Novelty: 0.76  
[2026-02-16 20:30:24] Emotion: curious, Mood: 0.56  
[2026-02-16 20:30:24] Generated 1 proposals  
[2026-02-16 20:30:24] [DEBUG] proposals\_before\_arbitration=4  
[2026-02-16 20:30:24] [DEBUG] p0: META module=META EU=0.20 cost=0.05  
[2026-02-16 20:30:24] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35  
[2026-02-16 20:30:24] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-16 20:30:24] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70  
[2026-02-16 20:30:24] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)  
[2026-02-16 20:30:24] ⚡ Push-through: overriding repeated SLEEP with resolving action  
[2026-02-16 20:30:24] 📤 Reward: +0.054, PredError: 0.498, Valence: -0.195, MatchScore: 0.50  
[2026-02-16 20:30:24] Executed: 🌟 lamp is now off  
[2026-02-16 20:30:24] ✅ Event closed: self\_thought\_17  
[2026-02-16 20:30:24] Tick 18 complete  
[2026-02-16 20:30:29] === Session Complete ===

>>> Injecting user input: Close the box  
[2026-02-16 20:30:29] Starting core loop for 6 ticks...  
[2026-02-16 20:30:29]  
=====

[2026-02-16 20:30:29] TICK 19  
[2026-02-16 20:30:29]  
=====

[2026-02-16 20:30:29] Attention spotlight: ['user\_query\_10', 'event\_618a9967', 'self\_thought\_18']  
[2026-02-16 20:30:29] Coherence C\_total: 0.616  
[2026-02-16 20:30:29] Mode: REFLECT  
[2026-02-16 20:30:29] Energy: 0.99, Coherence: 0.58, Novelty: 0.74  
[2026-02-16 20:30:29] Emotion: curious, Mood: 0.56  
[2026-02-16 20:30:29] Generated 1 proposals

[2026-02-16 20:30:29] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:29] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=1.15 cost=0.10

[2026-02-16 20:30:29] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:29] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:29] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:30:29] Arbitration: 4 proposals, winner: SELF\_MAINTENANCE (score: 1.05)

[2026-02-16 20:30:29] Reward: +0.128, PredError: 0.761, Valence: -0.253, MatchScore: 0.50

[2026-02-16 20:30:29] Executed: no-op

[2026-02-16 20:30:29] Event closed: event\_618a9967

[2026-02-16 20:30:29] Tick 19 complete

[2026-02-16 20:30:34]

=====

[2026-02-16 20:30:34] TICK 20

[2026-02-16 20:30:34]

=====

[2026-02-16 20:30:34] User input: What time is it?

[2026-02-16 20:30:34] Attention spotlight: ['user\_query\_20', 'event\_618a9967', 'event\_8f4b4e4b', 'self\_thought\_19']

[2026-02-16 20:30:34] Coherence C\_total: 0.616

[2026-02-16 20:30:34] Mode: ANSWER

[2026-02-16 20:30:34] Energy: 0.98, Coherence: 0.57, Novelty: 0.88

[2026-02-16 20:30:34] Emotion: curious, Mood: 0.56

[2026-02-16 20:30:34] Generated 1 proposals

[2026-02-16 20:30:34] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:34] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:30:34] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:30:34] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:34] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:34] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:30:34] Reward: +0.111, PredError: 0.945, Valence: -0.361, MatchScore: 0.50

[2026-02-16 20:30:34] Executed: 📦 box is now closed

[2026-02-16 20:30:34] ✅ Event closed: event\_618a9967

[2026-02-16 20:30:34] State saved

[2026-02-16 20:30:34] Tick 20 complete

[2026-02-16 20:30:39]

=====

[2026-02-16 20:30:39] TICK 21

[2026-02-16 20:30:39]

=====

[2026-02-16 20:30:39] Attention spotlight: ['user\_query\_20', 'event\_8f4b4e4b', 'self\_thought\_20']

[2026-02-16 20:30:39] Coherence C\_total: 0.616

[2026-02-16 20:30:39] Mode: ANSWER

[2026-02-16 20:30:39] Energy: 0.99, Coherence: 0.56, Novelty: 0.86

[2026-02-16 20:30:39] Emotion: curious, Mood: 0.57

[2026-02-16 20:30:39] Generated 1 proposals

[2026-02-16 20:30:39] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:39] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:39] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:39] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:39] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:39] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:39] Entering SLEEP mode...

[2026-02-16 20:30:39] ⚖️ Reward: +0.104, PredError: 0.373, Valence: -0.082, MatchScore: 0.50

[2026-02-16 20:30:39] Executed: Sleep cycle 7 | verify: +0/-0/?5 pending 5→0

[2026-02-16 20:30:39] Tick 21 complete

[2026-02-16 20:30:44]

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[2026-02-16 20:30:44] TICK 22

[2026-02-16 20:30:44]

=====

[2026-02-16 20:30:44] Attention spotlight: ['user\_query\_20', 'event\_8f4b4e4b', 'self\_thought\_21']

[2026-02-16 20:30:44] Coherence C\_total: 0.616

[2026-02-16 20:30:44] Mode: REFLECT

[2026-02-16 20:30:44] Energy: 0.99, Coherence: 0.56, Novelty: 0.84

[2026-02-16 20:30:44] Emotion: curious, Mood: 0.57

[2026-02-16 20:30:44] Generated 1 proposals

[2026-02-16 20:30:44] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:44] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:44] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:44] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:44] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:44] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:44] ⚡ Intent completion: forcing a resolving action

[2026-02-16 20:30:44] 📤 Reward: +0.084, PredError: 0.483, Valence: -0.157, MatchScore: 0.50

[2026-02-16 20:30:44] Executed: 🌟 lamp is now on

[2026-02-16 20:30:44] ✅ Event closed: event\_8f4b4e4b

[2026-02-16 20:30:44] Tick 22 complete

[2026-02-16 20:30:49]

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[2026-02-16 20:30:49] TICK 23

[2026-02-16 20:30:49]

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[2026-02-16 20:30:49] Attention spotlight: ['user\_query\_20', 'self\_thought\_22', 'user\_query\_10']

[2026-02-16 20:30:49] Coherence C\_total: 0.616

[2026-02-16 20:30:49] Mode: REFLECT

[2026-02-16 20:30:49] Energy: 0.99, Coherence: 0.56, Novelty: 0.83

[2026-02-16 20:30:49] Emotion: curious, Mood: 0.57

[2026-02-16 20:30:49] Generated 1 proposals

[2026-02-16 20:30:49] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:49] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:30:49] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:49] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:49] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-16 20:30:49] Arbitration: 4 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-16 20:30:49] Reward: +0.116, PredError: 0.492, Valence: -0.131, MatchScore: 0.50

[2026-02-16 20:30:49] Executed: no-op

[2026-02-16 20:30:49] Event closed: self\_thought\_22

[2026-02-16 20:30:49] Tick 23 complete

[2026-02-16 20:30:54]

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[2026-02-16 20:30:54] TICK 24

[2026-02-16 20:30:54]

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[2026-02-16 20:30:54] Attention spotlight: ['user\_query\_20', 'self\_thought\_23', 'user\_query\_10']

[2026-02-16 20:30:54] Coherence C\_total: 0.616

[2026-02-16 20:30:54] Mode: ANSWER

[2026-02-16 20:30:54] Energy: 0.98, Coherence: 0.56, Novelty: 0.81

[2026-02-16 20:30:54] Emotion: curious, Mood: 0.57

[2026-02-16 20:30:54] Generated 1 proposals

[2026-02-16 20:30:54] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:54] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-16 20:30:54] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-16 20:30:54] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:54] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:54] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-16 20:30:54] Entering SLEEP mode...

[2026-02-16 20:30:54] Reward: +0.104, PredError: 0.373, Valence: -0.082, MatchScore: 0.50

[2026-02-16 20:30:54] Executed: Sleep cycle 8 | verify: +0/-0/?3 pending 3→0

[2026-02-16 20:30:54] Tick 24 complete

[2026-02-16 20:30:59] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-16 20:30:59] Starting core loop for 6 ticks...

[2026-02-16 20:30:59]

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[2026-02-16 20:30:59] TICK 25

[2026-02-16 20:30:59]

=====

[2026-02-16 20:30:59] Attention spotlight: ['user\_query\_20', 'event\_9b4e9185', 'self\_thought\_24']

[2026-02-16 20:30:59] Coherence C\_total: 0.616

[2026-02-16 20:30:59] Mode: REFLECT

[2026-02-16 20:30:59] Energy: 0.99, Coherence: 0.56, Novelty: 0.79

[2026-02-16 20:30:59] Emotion: curious, Mood: 0.57

[2026-02-16 20:30:59] Generated 1 proposals

[2026-02-16 20:30:59] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:30:59] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:30:59] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:30:59] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:30:59] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:30:59] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:30:59] Reward: +0.113, PredError: 0.944, Valence: -0.359, MatchScore: 0.50

[2026-02-16 20:30:59] Executed: door is locked

[2026-02-16 20:30:59] Event closed: event\_9b4e9185

[2026-02-16 20:30:59] State saved

[2026-02-16 20:30:59] Tick 25 complete

[2026-02-16 20:31:04]

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[2026-02-16 20:31:04] TICK 26

[2026-02-16 20:31:04]

=====

[2026-02-16 20:31:04] Attention spotlight: ['user\_query\_20', 'event\_9b4e9185', 'self\_thought\_25']

[2026-02-16 20:31:04] Coherence C\_total: 0.617

[2026-02-16 20:31:04] Mode: REFLECT

[2026-02-16 20:31:04] Energy: 0.98, Coherence: 0.55, Novelty: 0.78

[2026-02-16 20:31:04] Emotion: curious, Mood: 0.57

[2026-02-16 20:31:04] Generated 1 proposals

[2026-02-16 20:31:04] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:04] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:04] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:04] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:04] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:04] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:04] Reward: +0.083, PredError: 0.959, Valence: -0.397, MatchScore: 0.50

[2026-02-16 20:31:04] Executed: door is locked

[2026-02-16 20:31:04] Event closed: event\_9b4e9185

[2026-02-16 20:31:04] Tick 26 complete

[2026-02-16 20:31:09]

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[2026-02-16 20:31:09] TICK 27

[2026-02-16 20:31:09]

=====

[2026-02-16 20:31:09] Attention spotlight: ['user\_query\_20', 'event\_9b4e9185', 'self\_thought\_26']

[2026-02-16 20:31:09] Coherence C\_total: 0.618

[2026-02-16 20:31:09] Mode: REFLECT

[2026-02-16 20:31:09] Energy: 0.97, Coherence: 0.54, Novelty: 0.76

[2026-02-16 20:31:09] Emotion: curious, Mood: 0.57

[2026-02-16 20:31:09] Generated 1 proposals

[2026-02-16 20:31:09] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:09] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:09] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:09] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:09] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:09] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:09]  Reward: +0.114, PredError: 0.943, Valence: -0.358, MatchScore: 0.50

[2026-02-16 20:31:09] Executed:  door is locked

[2026-02-16 20:31:09]  Event closed: event\_9b4e9185

[2026-02-16 20:31:09] Tick 27 complete

[2026-02-16 20:31:14]

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[2026-02-16 20:31:14] TICK 28

[2026-02-16 20:31:14]

=====

[2026-02-16 20:31:14] Attention spotlight: ['user\_query\_20', 'event\_9b4e9185', 'self\_thought\_27']

[2026-02-16 20:31:14] Coherence C\_total: 0.617

[2026-02-16 20:31:14] Mode: REFLECT

[2026-02-16 20:31:14] Energy: 0.96, Coherence: 0.54, Novelty: 0.75

[2026-02-16 20:31:14] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:14] Generated 1 proposals

[2026-02-16 20:31:14] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:14] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:14] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:14] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:14] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:14] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:14]  Reward: +0.112, PredError: 0.944, Valence: -0.360, MatchScore: 0.50

[2026-02-16 20:31:14] Executed:  door is locked

[2026-02-16 20:31:14]  Event closed: event\_9b4e9185

[2026-02-16 20:31:14] Tick 28 complete

[2026-02-16 20:31:19]

=====

[2026-02-16 20:31:19] TICK 29

[2026-02-16 20:31:19]

=====

[2026-02-16 20:31:19] Attention spotlight: ['user\_query\_20', 'event\_9b4e9185', 'self\_thought\_28']

[2026-02-16 20:31:19] Coherence C\_total: 0.617

[2026-02-16 20:31:19] Mode: REFLECT

[2026-02-16 20:31:19] Energy: 0.95, Coherence: 0.53, Novelty: 0.73

[2026-02-16 20:31:19] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:19] Generated 1 proposals

[2026-02-16 20:31:19] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:19] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:19] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:19] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:19] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:19] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:19] Reward: +0.159, PredError: 0.920, Valence: -0.301, MatchScore: 0.50

[2026-02-16 20:31:19] Executed: door is locked

[2026-02-16 20:31:19] Event closed: event\_9b4e9185

[2026-02-16 20:31:19] Tick 29 complete

[2026-02-16 20:31:24]

=====

[2026-02-16 20:31:24] TICK 30

[2026-02-16 20:31:24]

=====

[2026-02-16 20:31:24] User input: Tell me about yourself.

[2026-02-16 20:31:24] Attention spotlight: ['user\_query\_30', 'event\_9b4e9185', 'event\_f72fb978', 'self\_thought\_29']

[2026-02-16 20:31:24] Coherence C\_total: 0.618

[2026-02-16 20:31:24] Mode: ANSWER

[2026-02-16 20:31:24] Energy: 0.94, Coherence: 0.53, Novelty: 0.87

[2026-02-16 20:31:24] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:24] Generated 1 proposals

[2026-02-16 20:31:24] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:24] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:24] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:24] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-16 20:31:24] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70  
[2026-02-16 20:31:24] Arbitration: 4 proposals, winner: WORLD (score: 1.38)  
[2026-02-16 20:31:24] Reward: +0.059, PredError: 0.971, Valence: -0.426, MatchScore: 0.50  
[2026-02-16 20:31:24] Executed: door is locked  
[2026-02-16 20:31:24] Event closed: event\_9b4e9185  
[2026-02-16 20:31:24] State saved  
[2026-02-16 20:31:24] Tick 30 complete  
[2026-02-16 20:31:29] === Session Complete ===

>>> Injecting user input: Unlock the door

[2026-02-16 20:31:29] Starting core loop for 6 ticks...

[2026-02-16 20:31:29]

[2026-02-16 20:31:29] TICK 31

[2026-02-16 20:31:29]

[2026-02-16 20:31:29] Attention spotlight: ['user\_query\_30', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'self\_thought\_30']

[2026-02-16 20:31:29] Coherence C\_total: 0.618

[2026-02-16 20:31:29] Mode: REFLECT

[2026-02-16 20:31:29] Energy: 0.93, Coherence: 0.52, Novelty: 0.85

[2026-02-16 20:31:29] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:29] Generated 1 proposals

[2026-02-16 20:31:29] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:29] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:29] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:29] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:29] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:29] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:29] Reward: +0.108, PredError: 0.946, Valence: -0.366, MatchScore: 0.50

[2026-02-16 20:31:29] Executed: 🔒 door is locked

[2026-02-16 20:31:29] ✅ Event closed: event\_9b4e9185

[2026-02-16 20:31:29] Tick 31 complete

[2026-02-16 20:31:34]

=====

[2026-02-16 20:31:34] TICK 32

[2026-02-16 20:31:34]

=====

[2026-02-16 20:31:34] Attention spotlight: ['user\_query\_30', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'self\_thought\_31']

[2026-02-16 20:31:34] Coherence C\_total: 0.618

[2026-02-16 20:31:34] Mode: REFLECT

[2026-02-16 20:31:34] Energy: 0.92, Coherence: 0.52, Novelty: 0.83

[2026-02-16 20:31:34] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:34] Generated 1 proposals

[2026-02-16 20:31:34] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:34] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:34] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:34] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:34] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:34] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:34] ⚖️ Reward: +0.106, PredError: 0.947, Valence: -0.367, MatchScore: 0.50

[2026-02-16 20:31:34] Executed: 🔒 door is locked

[2026-02-16 20:31:34] ✅ Event closed: event\_9b4e9185

[2026-02-16 20:31:34] Tick 32 complete

[2026-02-16 20:31:39]

=====

[2026-02-16 20:31:39] TICK 33

[2026-02-16 20:31:39]

=====

[2026-02-16 20:31:39] Attention spotlight: ['user\_query\_30', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'self\_thought\_32']

[2026-02-16 20:31:39] Coherence C\_total: 0.618

[2026-02-16 20:31:39] Mode: REFLECT

[2026-02-16 20:31:39] Energy: 0.91, Coherence: 0.51, Novelty: 0.82

[2026-02-16 20:31:39] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:39] Generated 1 proposals

[2026-02-16 20:31:39] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:39] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:39] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:39] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:39] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:39] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:39] Reward: +0.105, PredError: 0.948, Valence: -0.369, MatchScore: 0.50

[2026-02-16 20:31:39] Executed: door is locked

[2026-02-16 20:31:39] Event closed: event\_9b4e9185

[2026-02-16 20:31:39] Tick 33 complete

[2026-02-16 20:31:44]

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[2026-02-16 20:31:44] TICK 34

[2026-02-16 20:31:44]

=====

[2026-02-16 20:31:44] User input: What time is it?

[2026-02-16 20:31:44] Attention spotlight: ['user\_query\_34', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'self\_thought\_33']

[2026-02-16 20:31:44] Coherence C\_total: 0.618

[2026-02-16 20:31:44] Mode: ANSWER

[2026-02-16 20:31:44] Energy: 0.90, Coherence: 0.51, Novelty: 0.95

[2026-02-16 20:31:44] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:44] Generated 1 proposals

[2026-02-16 20:31:44] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:44] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:44] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:44] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:44] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:44] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:44] Reward: +0.103, PredError: 0.949, Valence: -0.371, MatchScore: 0.50

[2026-02-16 20:31:44] Executed: door is locked

[2026-02-16 20:31:44] Event closed: event\_9b4e9185

[2026-02-16 20:31:44] Tick 34 complete

[2026-02-16 20:31:49]

=====

[2026-02-16 20:31:49] TICK 35

[2026-02-16 20:31:49]

=====

[2026-02-16 20:31:49] Attention spotlight: ['user\_query\_34', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'self\_thought\_34']

[2026-02-16 20:31:49] Coherence C\_total: 0.618

[2026-02-16 20:31:49] Mode: REFLECT

[2026-02-16 20:31:49] Energy: 0.89, Coherence: 0.51, Novelty: 0.93

[2026-02-16 20:31:49] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:49] Generated 1 proposals

[2026-02-16 20:31:49] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:49] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:49] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:49] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:49] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:49] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:49] Reward: +0.053, PredError: 0.974, Valence: -0.434, MatchScore: 0.50

[2026-02-16 20:31:49] Executed: door is locked

[2026-02-16 20:31:49] Event closed: event\_9b4e9185

[2026-02-16 20:31:49] State saved

[2026-02-16 20:31:49] Tick 35 complete

[2026-02-16 20:31:54]

```
=====
[2026-02-16 20:31:54] TICK 36
[2026-02-16 20:31:54]
=====

[2026-02-16 20:31:54] Attention spotlight: ['user_query_34', 'event_9b4e9185', 'event_f72fb978', 'event_75445b78', 'event_5c6e6b44', 'self_thought_35']

[2026-02-16 20:31:54] Coherence C_total: 0.618

[2026-02-16 20:31:54] Mode: REFLECT

[2026-02-16 20:31:54] Energy: 0.88, Coherence: 0.50, Novelty: 0.91

[2026-02-16 20:31:54] Emotion: curious, Mood: 0.58

[2026-02-16 20:31:54] Generated 1 proposals

[2026-02-16 20:31:54] [DEBUG] proposals_before_arbitration=4

[2026-02-16 20:31:54] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:54] [DEBUG] p1: WORLD_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:54] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:54] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:54] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:54] ⚖️ Reward: +0.102, PredError: 0.949, Valence: -0.373, MatchScore: 0.50

[2026-02-16 20:31:54] Executed: 🛡️ door is locked

[2026-02-16 20:31:54] ✅ Event closed: event_9b4e9185

[2026-02-16 20:31:54] Tick 36 complete

[2026-02-16 20:31:59] === Session Complete ===
```

>>> Injecting user input: Open the door

[2026-02-16 20:31:59] Starting core loop for 6 ticks...

[2026-02-16 20:31:59]

```
=====
[2026-02-16 20:31:59] TICK 37
[2026-02-16 20:31:59]
=====

[2026-02-16 20:31:59] Attention spotlight: ['user_query_34', 'event_9b4e9185', 'event_f72fb978', 'event_75445b78', 'event_5c6e6b44', 'event_2b2cdd68']
```

[2026-02-16 20:31:59] Coherence C\_total: 0.618

[2026-02-16 20:31:59] Mode: REFLECT

[2026-02-16 20:31:59] Energy: 0.87, Coherence: 0.50, Novelty: 0.89

[2026-02-16 20:31:59] Emotion: curious, Mood: 0.59

[2026-02-16 20:31:59] Generated 1 proposals

[2026-02-16 20:31:59] [DEBUG] proposals\_before\_arbitration=4

[2026-02-16 20:31:59] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-16 20:31:59] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:31:59] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-16 20:31:59] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:31:59] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:31:59] Reward: +0.149, PredError: 0.926, Valence: -0.314, MatchScore: 0.50

[2026-02-16 20:31:59] Executed: door is locked

[2026-02-16 20:31:59] Event closed: event\_9b4e9185

[2026-02-16 20:31:59] Tick 37 complete

[2026-02-16 20:32:04]

=====

[2026-02-16 20:32:04] TICK 38

[2026-02-16 20:32:04]

=====

[2026-02-16 20:32:04] Attention spotlight: ['user\_query\_34', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'event\_2b2cdd68']

[2026-02-16 20:32:04] Coherence C\_total: 0.618

[2026-02-16 20:32:04] Mode: REFLECT

[2026-02-16 20:32:04] Energy: 0.86, Coherence: 0.50, Novelty: 0.88

[2026-02-16 20:32:04] Emotion: curious, Mood: 0.59

[2026-02-16 20:32:04] Generated 2 proposals

[2026-02-16 20:32:04] [DEBUG] proposals\_before\_arbitration=6

[2026-02-16 20:32:04] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:04] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-16 20:32:04] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:32:04] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:32:04] [DEBUG] p4: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:04] [DEBUG] p5: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25

[2026-02-16 20:32:04] Arbitration: 6 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:32:04] Reward: +0.097, PredError: 0.952, Valence: -0.379, MatchScore: 0.50

[2026-02-16 20:32:04] Executed: door is locked

[2026-02-16 20:32:04] Event closed: event\_9b4e9185

[2026-02-16 20:32:04] Tick 38 complete

[2026-02-16 20:32:09]

=====

[2026-02-16 20:32:09] TICK 39

[2026-02-16 20:32:09]

=====

[2026-02-16 20:32:09] Attention spotlight: ['user\_query\_34', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'event\_2b2cdd68']

[2026-02-16 20:32:09] Coherence C\_total: 0.618

[2026-02-16 20:32:09] Mode: REFLECT

[2026-02-16 20:32:09] Energy: 0.85, Coherence: 0.50, Novelty: 0.86

[2026-02-16 20:32:09] Emotion: curious, Mood: 0.59

[2026-02-16 20:32:09] Generated 2 proposals

[2026-02-16 20:32:09] [DEBUG] proposals\_before\_arbitration=6

[2026-02-16 20:32:09] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:09] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-16 20:32:09] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:32:09] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:32:09] [DEBUG] p4: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:09] [DEBUG] p5: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25

[2026-02-16 20:32:09] Arbitration: 6 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:32:09] Reward: +0.096, PredError: 0.952, Valence: -0.381, MatchScore: 0.50

[2026-02-16 20:32:09] Executed: door is locked

[2026-02-16 20:32:09] Event closed: event\_9b4e9185

[2026-02-16 20:32:09] Tick 39 complete

[2026-02-16 20:32:14]

[2026-02-16 20:32:14] TICK 40

[2026-02-16 20:32:14]

[2026-02-16 20:32:14] 📧 User input: Tell me about yourself.

[2026-02-16 20:32:14] Attention spotlight: ['user\_query\_40', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'event\_2b2cdd68']

[2026-02-16 20:32:14] Coherence C\_total: 0.618

[2026-02-16 20:32:14] Mode: ANSWER

[2026-02-16 20:32:14] Energy: 0.84, Coherence: 0.49, Novelty: 0.99

[2026-02-16 20:32:14] Emotion: curious, Mood: 0.59

[2026-02-16 20:32:14] Generated 2 proposals

[2026-02-16 20:32:14] [DEBUG] proposals\_before\_arbitration=6

[2026-02-16 20:32:14] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:14] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-16 20:32:14] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:32:14] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:32:14] [DEBUG] p4: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:14] [DEBUG] p5: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25

[2026-02-16 20:32:14] Arbitration: 6 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:32:14] ⚖️ Reward: +0.094, PredError: 0.953, Valence: -0.382, MatchScore: 0.50

[2026-02-16 20:32:14] Executed: 🔒 door is locked

[2026-02-16 20:32:14] ✅ Event closed: event\_9b4e9185

[2026-02-16 20:32:14] State saved

[2026-02-16 20:32:14] Tick 40 complete

[2026-02-16 20:32:19]

[2026-02-16 20:32:19] TICK 41

[2026-02-16 20:32:19]

[2026-02-16 20:32:19] Attention spotlight: ['user\_query\_40', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'event\_2b2cdd68']

[2026-02-16 20:32:19] Coherence C\_total: 0.618

[2026-02-16 20:32:19] Mode: REFLECT

[2026-02-16 20:32:19] Energy: 0.83, Coherence: 0.49, Novelty: 0.97

[2026-02-16 20:32:19] Emotion: curious, Mood: 0.59

[2026-02-16 20:32:19] Generated 2 proposals

[2026-02-16 20:32:19] [DEBUG] proposals\_before\_arbitration=6

[2026-02-16 20:32:19] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:19] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-16 20:32:19] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-16 20:32:19] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-16 20:32:19] [DEBUG] p4: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-16 20:32:19] [DEBUG] p5: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25

[2026-02-16 20:32:19] Arbitration: 6 proposals, winner: WORLD (score: 1.38)

[2026-02-16 20:32:19] Reward: +0.141, PredError: 0.929, Valence: -0.324, MatchScore: 0.50

[2026-02-16 20:32:19] Executed: door is locked

[2026-02-16 20:32:19] Event closed: event\_9b4e9185

[2026-02-16 20:32:19] Tick 41 complete

[2026-02-16 20:32:24]

=====

[2026-02-16 20:32:24] TICK 42

[2026-02-16 20:32:24]

=====

[2026-02-16 20:32:24] Attention spotlight: ['user\_query\_40', 'event\_9b4e9185', 'event\_f72fb978', 'event\_75445b78', 'event\_5c6e6b44', 'event\_2b2cdd68']

[2026-02-16 20:32:24] Coherence C\_total: 0.618

[2026-02-16 20:32:24] Mode: REFLECT

[2026-02-16 20:32:24] Energy: 0.82, Coherence: 0.49, Novelty: 0.95

[2026-02-16 20:32:24] Emotion: curious, Mood: 0.59

[2026-02-16 20:32:24] Generated 2 proposals

[2026-02-16 20:32:24] [DEBUG] proposals\_before\_arbitration=6

[2026-02-16 20:32:24] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30  
[2026-02-16 20:32:24] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70  
[2026-02-16 20:32:24] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05  
[2026-02-16 20:32:24] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70  
[2026-02-16 20:32:24] [DEBUG] p4: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30  
[2026-02-16 20:32:24] [DEBUG] p5: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25  
[2026-02-16 20:32:24] Arbitration: 6 proposals, winner: WORLD (score: 1.38)  
[2026-02-16 20:32:24] Reward: +0.041, PredError: 0.980, Valence: -0.449, MatchScore: 0.50  
[2026-02-16 20:32:24] Executed: door is locked  
[2026-02-16 20:32:24] Event closed: event\_9b4e9185  
[2026-02-16 20:32:24] Tick 42 complete  
[2026-02-16 20:32:29] === Session Complete ===

==== Test-input session complete ===

#### SESSION ANALYSIS

Total ticks: 42

Sleep cycles: 8

Mode flips: 18

#### Final Metrics:

Coherence (C\_total): 0.618  
- Evidence (Ce): 0.263  
- Historical (Ch): 1.000  
- Structural (Cs): 1.000  
- Identity (Ci): 0.445  
- Predictive (Cp): 0.500

#### Drive States:

coherence: 0.47  
uncertainty: 0.10  
prediction\_error: 0.88  
novelty: 0.95  
energy: 0.82  
social\_commitment: 0.10

Affective State:

Emotion: frustrated  
Mood: 0.59

Memory:

Grounded facts: 7  
Ungrounded notes: 0  
Quarantined: 0

Agency:

Self-initiated actions: 36/42  
External-triggered actions: 6/42  
Causal Closure Ratio (self-initiated/total): 85.71%

Claim Ledger:

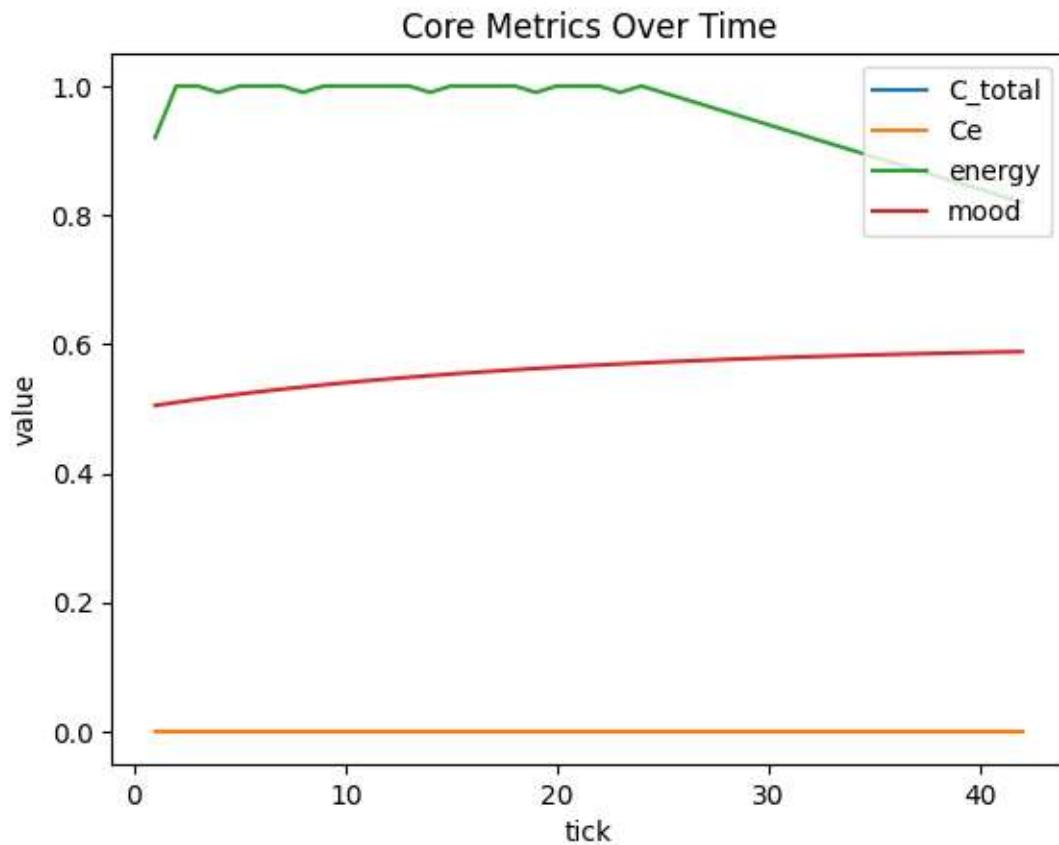
Total claims: 48  
Verified claims: 0  
Failed claims: 0  
Uncertain claims: 26  
Pending claims: 22

Narrative:

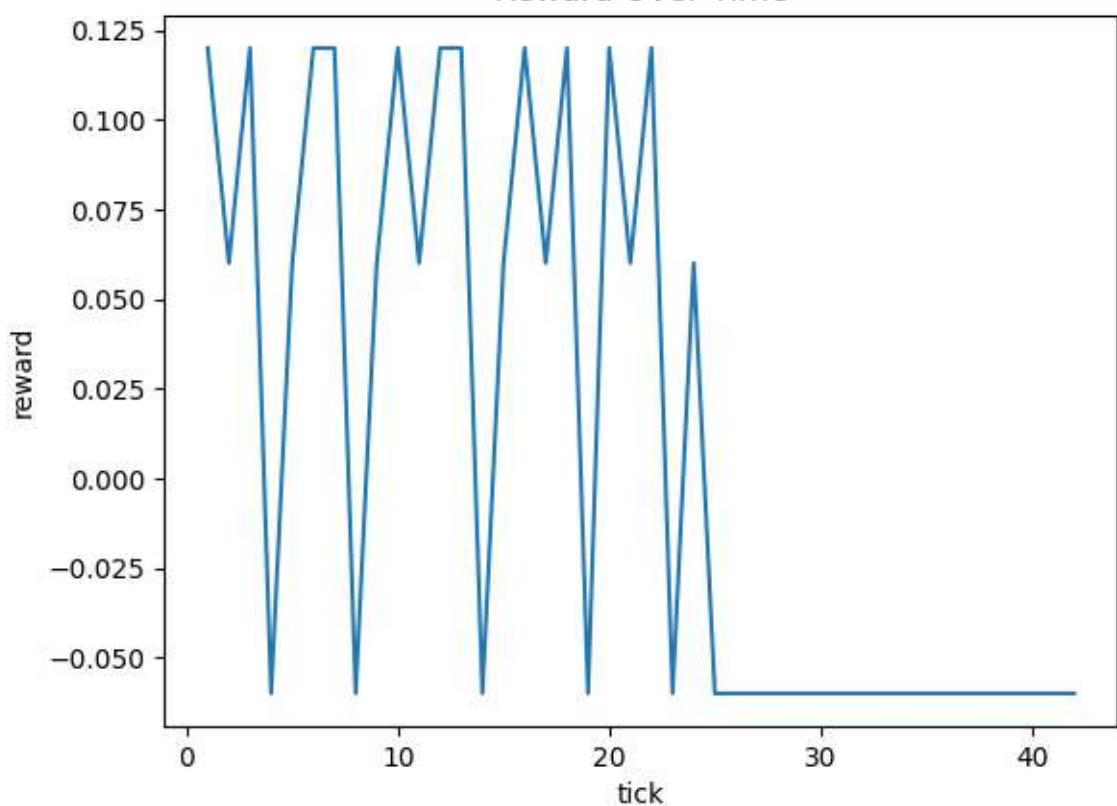
Current arc: exploration  
Theme: discovering capabilities

=====  
State saved to: /content/drive/MyDrive/crsscp\_state.json

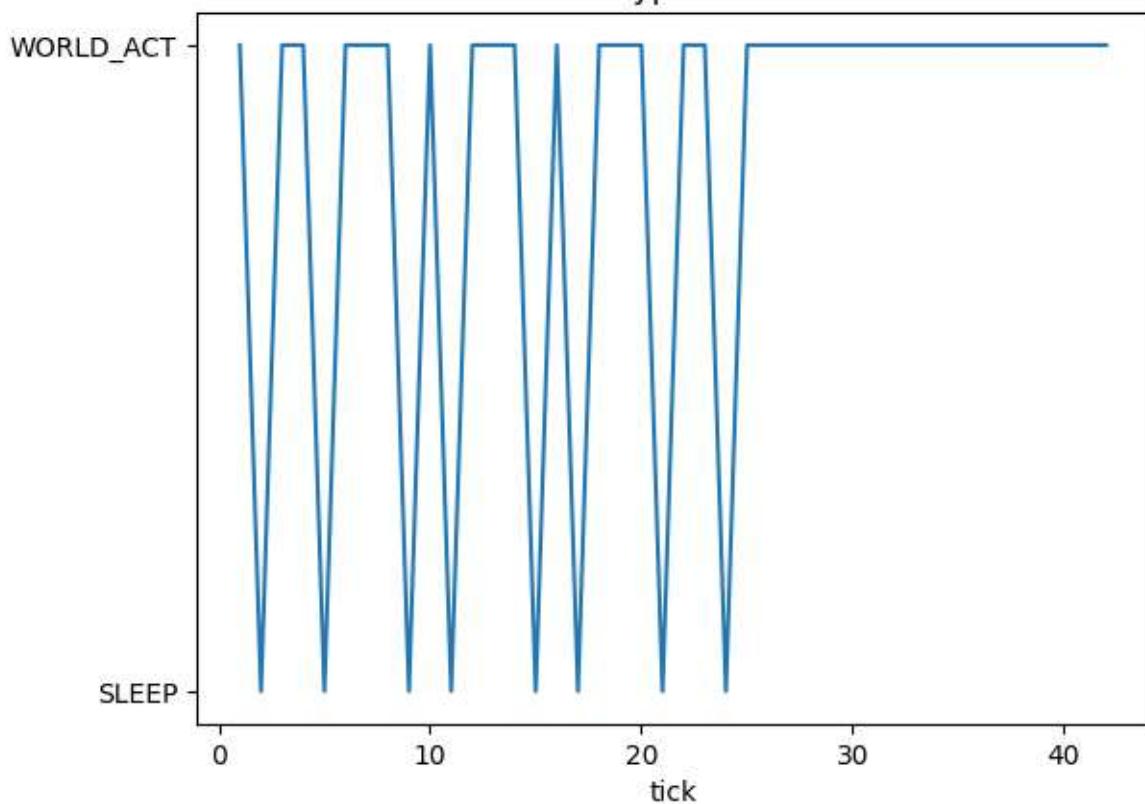
Logs saved to: /content/drive/MyDrive/crsscp\_logs.txt  
=====



Reward Over Time



Action Type Timeline



META No-Op Streak

