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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

[2026-02-17 11:34:18] Starting core loop for 6 ticks...

[2026-02-17 11:34:18]

[2026-02-17 11:34:18] TICK 1

[2026-02-17 11:34:18]

[2026-02-17 11:34:18] Attention spotlight: ['event_bf3c9f18']

[2026-02-17 11:34:18] Coherence C_total: 0.573

[2026-02-17 11:34:18] Mode: REFLECT

[2026-02-17 11:34:18] Energy: 0.84, Coherence: 0.78, Novelty: 0.73

[2026-02-17 11:34:18] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:18] Generated 1 proposals

[2026-02-17 11:34:18] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:18] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 11:34:18] [DEBUG] p1: WORLD_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 11:34:18] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:18] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:18] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-17 11:34:18] Reward: +0.020, PredError: 0.990, Valence: -0.475, MatchScore: 0.50

[2026-02-17 11:34:18] Executed: lamp is now on

[2026-02-17 11:34:18] Event closed: event_bf3c9f18

[2026-02-17 11:34:18] Tick 1 complete

[2026-02-17 11:34:23]

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[2026-02-17 11:34:23] TICK 2

[2026-02-17 11:34:23]

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[2026-02-17 11:34:23] Attention spotlight: ['self_thought_1']

[2026-02-17 11:34:23] Coherence C_total: 0.605

[2026-02-17 11:34:23] Mode: ANSWER

[2026-02-17 11:34:23] Energy: 0.91, Coherence: 0.74, Novelty: 0.72

[2026-02-17 11:34:23] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:23] Generated 1 proposals

[2026-02-17 11:34:23] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:23] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:23] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:23] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:23] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:23] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:23] Entering SLEEP mode...

[2026-02-17 11:34:23] Reward: +0.010, PredError: 0.420, Valence: -0.200, MatchScore: 0.50

[2026-02-17 11:34:23] Executed: Sleep cycle 1 | verify: +0/-0/?1 pending 1→0

[2026-02-17 11:34:23] Tick 2 complete

[2026-02-17 11:34:28]

[2026-02-17 11:34:28] TICK 3

[2026-02-17 11:34:28]

[2026-02-17 11:34:28] Attention spotlight: ['self_thought_2']

[2026-02-17 11:34:28] Coherence C_total: 0.610

[2026-02-17 11:34:28] Mode: REFLECT

[2026-02-17 11:34:28] Energy: 0.99, Coherence: 0.72, Novelty: 0.71

[2026-02-17 11:34:28] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:28] Generated 1 proposals

[2026-02-17 11:34:28] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:28] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:28] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:28] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:28] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:28] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:28] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-17 11:34:28] ⚖ Reward: +0.040, PredError: 0.505, Valence: -0.212, MatchScore: 0.50

[2026-02-17 11:34:28] Executed: 🌟 lamp is now off

[2026-02-17 11:34:28] ✅ Event closed: self_thought_2

[2026-02-17 11:34:28] Tick 3 complete

[2026-02-17 11:34:33]

[2026-02-17 11:34:33] TICK 4

[2026-02-17 11:34:33]

[2026-02-17 11:34:33] Attention spotlight: ['self_thought_3']

[2026-02-17 11:34:33] Coherence C_total: 0.612

[2026-02-17 11:34:33] Mode: REFLECT

[2026-02-17 11:34:33] Energy: 0.99, Coherence: 0.70, Novelty: 0.69

[2026-02-17 11:34:33] Emotion: curious, Mood: 0.52

[2026-02-17 11:34:33] Generated 1 proposals

[2026-02-17 11:34:33] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:33] [DEBUG] p0: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:33] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:33] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:33] [DEBUG] p3: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:33] Arbitration: 4 proposals, winner: SELF_MAINTENANCE (score: 0.45)

[2026-02-17 11:34:33] Reward: +0.074, PredError: 0.513, Valence: -0.183, MatchScore: 0.50

[2026-02-17 11:34:33] Executed: no-op

[2026-02-17 11:34:33] Event closed: self_thought_3

[2026-02-17 11:34:33] Tick 4 complete

[2026-02-17 11:34:38]

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[2026-02-17 11:34:38] TICK 5

[2026-02-17 11:34:38]

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[2026-02-17 11:34:38] Attention spotlight: ['self_thought_4']

[2026-02-17 11:34:38] Coherence C_total: 0.614

[2026-02-17 11:34:38] Mode: REFLECT

[2026-02-17 11:34:38] Energy: 0.98, Coherence: 0.69, Novelty: 0.68

[2026-02-17 11:34:38] Emotion: curious, Mood: 0.52

[2026-02-17 11:34:38] Generated 1 proposals

[2026-02-17 11:34:38] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:38] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:38] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:38] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:38] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:38] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:38] Entering SLEEP mode...

[2026-02-17 11:34:38] Reward: +0.067, PredError: 0.391, Valence: -0.129, MatchScore: 0.50

[2026-02-17 11:34:38] Executed: Sleep cycle 2 | verify: +0/-0/?3 pending 3→0

[2026-02-17 11:34:38] State saved

[2026-02-17 11:34:38] Tick 5 complete

[2026-02-17 11:34:43]

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[2026-02-17 11:34:43] TICK 6

[2026-02-17 11:34:43]

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[2026-02-17 11:34:43] Attention spotlight: ['self_thought_5']

[2026-02-17 11:34:43] Coherence C_total: 0.614

[2026-02-17 11:34:43] Mode: REFLECT

[2026-02-17 11:34:43] Energy: 0.99, Coherence: 0.67, Novelty: 0.66

[2026-02-17 11:34:43] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:43] Generated 1 proposals

[2026-02-17 11:34:43] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:43] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:43] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:43] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:43] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:43] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:43] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-17 11:34:43] ⚖ Reward: +0.081, PredError: 0.485, Valence: -0.162, MatchScore: 0.50

[2026-02-17 11:34:43] Executed: 🌎 lamp is now on

[2026-02-17 11:34:43] ✅ Event closed: self_thought_5

[2026-02-17 11:34:43] Tick 6 complete

[2026-02-17 11:34:48] === Session Complete ===

>>> Injecting user input: Turn off the lamp

[2026-02-17 11:34:48] Starting core loop for 6 ticks...

[2026-02-17 11:34:48]

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[2026-02-17 11:34:48] TICK 7

[2026-02-17 11:34:48]

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[2026-02-17 11:34:48] Attention spotlight: ['event_d7d4f410', 'self_thought_6']

[2026-02-17 11:34:48] Coherence C_total: 0.615

[2026-02-17 11:34:48] Mode: REFLECT

[2026-02-17 11:34:48] Energy: 0.99, Coherence: 0.66, Novelty: 0.65

[2026-02-17 11:34:48] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:48] Generated 1 proposals

[2026-02-17 11:34:48] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:48] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 11:34:48] [DEBUG] p1: WORLD_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 11:34:48] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:48] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:48] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-17 11:34:48] Reward: +0.104, PredError: 0.948, Valence: -0.370, MatchScore: 0.50

[2026-02-17 11:34:48] Executed: lamp is now off

[2026-02-17 11:34:48] Event closed: event_d7d4f410

[2026-02-17 11:34:48] Tick 7 complete

[2026-02-17 11:34:53]

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[2026-02-17 11:34:53] TICK 8

[2026-02-17 11:34:53]

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[2026-02-17 11:34:53] Attention spotlight: ['self_thought_7']

[2026-02-17 11:34:53] Coherence C_total: 0.615

[2026-02-17 11:34:53] Mode: ANSWER

[2026-02-17 11:34:53] Energy: 0.99, Coherence: 0.64, Novelty: 0.64

[2026-02-17 11:34:53] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:53] Generated 1 proposals

[2026-02-17 11:34:53] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:53] [DEBUG] p0: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:53] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:53] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:53] [DEBUG] p3: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:53] Arbitration: 4 proposals, winner: SELF_MAINTENANCE (score: 0.45)

[2026-02-17 11:34:53]  Reward: +0.034, PredError: 0.533, Valence: -0.232, MatchScore: 0.50

[2026-02-17 11:34:53] Executed:  no-op

[2026-02-17 11:34:53]  Event closed: self_thought_7

[2026-02-17 11:34:53] Tick 8 complete

[2026-02-17 11:34:58]

[2026-02-17 11:34:58] TICK 9

[2026-02-17 11:34:58]

[2026-02-17 11:34:58] Attention spotlight: ['self_thought_8']

[2026-02-17 11:34:58] Coherence C_total: 0.616

[2026-02-17 11:34:58] Mode: REFLECT

[2026-02-17 11:34:58] Energy: 0.98, Coherence: 0.63, Novelty: 0.63

[2026-02-17 11:34:58] Emotion: curious, Mood: 0.54

[2026-02-17 11:34:58] Generated 1 proposals

[2026-02-17 11:34:58] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:58] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:58] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:58] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:58] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:58] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:58] Entering SLEEP mode...

[2026-02-17 11:34:58]  Reward: +0.078, PredError: 0.386, Valence: -0.116, MatchScore: 0.50

[2026-02-17 11:34:58] Executed: Sleep cycle 3 | verify: +0/-0/?4 pending 4→0

[2026-02-17 11:34:58] Tick 9 complete

[2026-02-17 11:35:03]

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[2026-02-17 11:35:04] TICK 10

[2026-02-17 11:35:04]

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[2026-02-17 11:35:04] 📧 User input: Solve this: $15 * 3 = ?$

[2026-02-17 11:35:04] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_9']

[2026-02-17 11:35:04] Coherence C_total: 0.616

[2026-02-17 11:35:04] Mode: ANSWER

[2026-02-17 11:35:04] Energy: 0.99, Coherence: 0.63, Novelty: 0.76

[2026-02-17 11:35:04] Emotion: curious, Mood: 0.54

[2026-02-17 11:35:04] Generated 2 proposals

[2026-02-17 11:35:04] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:04] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:04] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:04] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:04] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:04] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:04] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:05] ⚖️ Reward: +0.058, PredError: 1.571, Valence: -0.728, MatchScore: 0.50

[2026-02-17 11:35:05] Executed: 45

[2026-02-17 11:35:05] State saved

[2026-02-17 11:35:05] Tick 10 complete

[2026-02-17 11:35:10]

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[2026-02-17 11:35:10] TICK 11

[2026-02-17 11:35:10]

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[2026-02-17 11:35:10] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_10']

[2026-02-17 11:35:10] Coherence C_total: 0.616

[2026-02-17 11:35:10] Mode: REFLECT

[2026-02-17 11:35:10] Energy: 0.98, Coherence: 0.60, Novelty: 0.75

[2026-02-17 11:35:10] Emotion: curious, Mood: 0.54

[2026-02-17 11:35:10] Generated 2 proposals

[2026-02-17 11:35:10] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:10] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:10] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:10] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:10] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:10] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:10] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:10] Reward: +0.091, PredError: 1.554, Valence: -0.686, MatchScore: 0.50

[2026-02-17 11:35:10] Executed: 45

[2026-02-17 11:35:10] Tick 11 complete

[2026-02-17 11:35:15]

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[2026-02-17 11:35:15] TICK 12

[2026-02-17 11:35:15]

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[2026-02-17 11:35:15] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_11']

[2026-02-17 11:35:15] Coherence C_total: 0.617

[2026-02-17 11:35:15] Mode: REFLECT

[2026-02-17 11:35:15] Energy: 0.97, Coherence: 0.57, Novelty: 0.73

[2026-02-17 11:35:15] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:15] Generated 2 proposals

[2026-02-17 11:35:15] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:15] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:15] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:15] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:15] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:15] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:15] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:15] 📈 Reward: +0.148, PredError: 1.526, Valence: -0.615, MatchScore: 0.50
[2026-02-17 11:35:15] Executed: 45
[2026-02-17 11:35:15] Tick 12 complete
[2026-02-17 11:35:20] === Session Complete ===

>>> Injecting user input: Open the box

[2026-02-17 11:35:20] Starting core loop for 6 ticks...

[2026-02-17 11:35:20]

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[2026-02-17 11:35:20] TICK 13

[2026-02-17 11:35:20]

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[2026-02-17 11:35:20] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_12']

[2026-02-17 11:35:20] Coherence C_total: 0.617

[2026-02-17 11:35:20] Mode: REFLECT

[2026-02-17 11:35:20] Energy: 0.96, Coherence: 0.55, Novelty: 0.72

[2026-02-17 11:35:20] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:20] Generated 2 proposals

[2026-02-17 11:35:20] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:20] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:20] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:20] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:20] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:20] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:20] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:20] 📈 Reward: +0.102, PredError: 1.549, Valence: -0.673, MatchScore: 0.50

[2026-02-17 11:35:20] Executed: 45

[2026-02-17 11:35:20] Tick 13 complete

[2026-02-17 11:35:25]

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[2026-02-17 11:35:25] TICK 14

[2026-02-17 11:35:25]

[2026-02-17 11:35:25] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_13']

[2026-02-17 11:35:25] Coherence C_total: 0.617

[2026-02-17 11:35:25] Mode: REFLECT

[2026-02-17 11:35:25] Energy: 0.95, Coherence: 0.54, Novelty: 0.70

[2026-02-17 11:35:25] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:25] Generated 2 proposals

[2026-02-17 11:35:25] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:25] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:25] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:25] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:25] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:25] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:25] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:25]  Reward: +0.052, PredError: 1.574, Valence: -0.736, MatchScore: 0.50

[2026-02-17 11:35:25] Executed: 45

[2026-02-17 11:35:25] Tick 14 complete

[2026-02-17 11:35:30]

[2026-02-17 11:35:30] TICK 15

[2026-02-17 11:35:30]

[2026-02-17 11:35:30] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_14']

[2026-02-17 11:35:30] Coherence C_total: 0.617

[2026-02-17 11:35:30] Mode: REFLECT

[2026-02-17 11:35:30] Energy: 0.94, Coherence: 0.52, Novelty: 0.69

[2026-02-17 11:35:30] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:30] Generated 2 proposals

[2026-02-17 11:35:30] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:30] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:30] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:30] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:30] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:30] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:30] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:30]  Reward: +0.052, PredError: 1.574, Valence: -0.736, MatchScore: 0.50

[2026-02-17 11:35:30] Executed: 45

[2026-02-17 11:35:30] State saved

[2026-02-17 11:35:30] Tick 15 complete

[2026-02-17 11:35:35]

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[2026-02-17 11:35:35] TICK 16

[2026-02-17 11:35:35]

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[2026-02-17 11:35:35] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_15']

[2026-02-17 11:35:35] Coherence C_total: 0.617

[2026-02-17 11:35:35] Mode: REFLECT

[2026-02-17 11:35:35] Energy: 0.93, Coherence: 0.50, Novelty: 0.68

[2026-02-17 11:35:35] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:35] Generated 2 proposals

[2026-02-17 11:35:35] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:35] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:35] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:35] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:35] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:35] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:35] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:35]  Reward: +0.159, PredError: 1.521, Valence: -0.602, MatchScore: 0.50

[2026-02-17 11:35:35] Executed: 45

[2026-02-17 11:35:35] Tick 16 complete

[2026-02-17 11:35:40]

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[2026-02-17 11:35:40] TICK 17

[2026-02-17 11:35:40]

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[2026-02-17 11:35:40] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_16']

[2026-02-17 11:35:40] Coherence C_total: 0.617

[2026-02-17 11:35:40] Mode: REFLECT

[2026-02-17 11:35:40] Energy: 0.92, Coherence: 0.49, Novelty: 0.66

[2026-02-17 11:35:40] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:40] Generated 2 proposals

[2026-02-17 11:35:40] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:40] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:40] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:40] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:40] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:40] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:40] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:41] Reward: +0.107, PredError: 1.546, Valence: -0.666, MatchScore: 0.50

[2026-02-17 11:35:41] Executed: 45

[2026-02-17 11:35:41] Tick 17 complete

[2026-02-17 11:35:46]

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[2026-02-17 11:35:46] TICK 18

[2026-02-17 11:35:46]

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[2026-02-17 11:35:46] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_17']

[2026-02-17 11:35:46] Coherence C_total: 0.618

[2026-02-17 11:35:46] Mode: REFLECT
[2026-02-17 11:35:46] Energy: 0.91, Coherence: 0.48, Novelty: 0.65
[2026-02-17 11:35:46] Emotion: curious, Mood: 0.56
[2026-02-17 11:35:46] Generated 2 proposals
[2026-02-17 11:35:46] [DEBUG] proposals_before_arbitration=5
[2026-02-17 11:35:46] [DEBUG] p0: META module=META EU=0.20 cost=0.05
[2026-02-17 11:35:46] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10
[2026-02-17 11:35:46] [DEBUG] p2: WORLD_ACT module=WORLD_ACT EU=0.55 cost=0.35
[2026-02-17 11:35:46] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30
[2026-02-17 11:35:46] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:35:46] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:35:46] Reward: +0.154, PredError: 1.523, Valence: -0.608, MatchScore: 0.50
[2026-02-17 11:35:46] Executed: 45
[2026-02-17 11:35:46] Tick 18 complete
[2026-02-17 11:35:51] === Session Complete ===

>>> Injecting user input: Close the box

[2026-02-17 11:35:51] Starting core loop for 6 ticks...

[2026-02-17 11:35:51]

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[2026-02-17 11:35:51] TICK 19

[2026-02-17 11:35:51]

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[2026-02-17 11:35:51] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'self_thought_18']

[2026-02-17 11:35:51] Coherence C_total: 0.618

[2026-02-17 11:35:51] Mode: REFLECT

[2026-02-17 11:35:51] Energy: 0.90, Coherence: 0.47, Novelty: 0.64

[2026-02-17 11:35:51] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:51] Generated 2 proposals

[2026-02-17 11:35:51] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:51] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:51] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:51] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:51] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:51] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:51] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:51] Reward: +0.054, PredError: 1.573, Valence: -0.733, MatchScore: 0.50

[2026-02-17 11:35:51] Executed: 45

[2026-02-17 11:35:51] Tick 19 complete

[2026-02-17 11:35:56]

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[2026-02-17 11:35:56] TICK 20

[2026-02-17 11:35:56]

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[2026-02-17 11:35:56] User input: Tell me about yourself.

[2026-02-17 11:35:56] Attention spotlight: ['user_query_20', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'self_thought_19']

[2026-02-17 11:35:56] Coherence C_total: 0.618

[2026-02-17 11:35:56] Mode: ANSWER

[2026-02-17 11:35:56] Energy: 0.89, Coherence: 0.46, Novelty: 0.77

[2026-02-17 11:35:56] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:56] Generated 2 proposals

[2026-02-17 11:35:56] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:56] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:56] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:56] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:56] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:56] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:56] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:56] Reward: +0.054, PredError: 1.573, Valence: -0.733, MatchScore: 0.50

[2026-02-17 11:35:56] Executed: 45

[2026-02-17 11:35:56] State saved

[2026-02-17 11:35:56] Tick 20 complete

[2026-02-17 11:36:01]

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[2026-02-17 11:36:01] TICK 21

[2026-02-17 11:36:01]

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[2026-02-17 11:36:01] 📧 User input: Calculate 25 + 17

[2026-02-17 11:36:01] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:01] Coherence C_total: 0.618

[2026-02-17 11:36:01] Mode: ANSWER

[2026-02-17 11:36:01] Energy: 0.88, Coherence: 0.45, Novelty: 0.91

[2026-02-17 11:36:01] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:01] Generated 2 proposals

[2026-02-17 11:36:01] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:01] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:01] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:01] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:01] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:01] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:01] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:01] ⚖️ Reward: +0.151, PredError: 1.525, Valence: -0.611, MatchScore: 0.50

[2026-02-17 11:36:01] Executed: 45

[2026-02-17 11:36:01] Tick 21 complete

[2026-02-17 11:36:06]

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[2026-02-17 11:36:06] TICK 22

[2026-02-17 11:36:06]

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[2026-02-17 11:36:06] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:06] Coherence C_total: 0.618

[2026-02-17 11:36:06] Mode: REFLECT

[2026-02-17 11:36:06] Energy: 0.87, Coherence: 0.44, Novelty: 0.89

[2026-02-17 11:36:06] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:06] Generated 2 proposals

[2026-02-17 11:36:06] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:06] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:06] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:06] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:06] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:06] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:06] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:06] Reward: +0.100, PredError: 1.550, Valence: -0.676, MatchScore: 0.50

[2026-02-17 11:36:06] Executed: 45

[2026-02-17 11:36:06] Tick 22 complete

[2026-02-17 11:36:11]

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[2026-02-17 11:36:11] TICK 23

[2026-02-17 11:36:11]

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[2026-02-17 11:36:11] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:11] Coherence C_total: 0.618

[2026-02-17 11:36:11] Mode: REFLECT

[2026-02-17 11:36:11] Energy: 0.86, Coherence: 0.43, Novelty: 0.87

[2026-02-17 11:36:11] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:11] Generated 2 proposals

[2026-02-17 11:36:11] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:11] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:11] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:11] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:11] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:11] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:11] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:11] Reward: +0.146, PredError: 1.527, Valence: -0.617, MatchScore: 0.50

[2026-02-17 11:36:11] Executed: 45

[2026-02-17 11:36:11] Tick 23 complete

[2026-02-17 11:36:16]

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[2026-02-17 11:36:16] TICK 24

[2026-02-17 11:36:16]

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[2026-02-17 11:36:16] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:16] Coherence C_total: 0.618

[2026-02-17 11:36:16] Mode: REFLECT

[2026-02-17 11:36:16] Energy: 0.85, Coherence: 0.43, Novelty: 0.85

[2026-02-17 11:36:16] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:16] Generated 2 proposals

[2026-02-17 11:36:16] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:16] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:16] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:16] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:16] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:16] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:16] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:16] Reward: +0.046, PredError: 1.577, Valence: -0.742, MatchScore: 0.50

[2026-02-17 11:36:16] Executed: 45

[2026-02-17 11:36:16] Tick 24 complete

[2026-02-17 11:36:21] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 11:36:21] Starting core loop for 6 ticks...

[2026-02-17 11:36:21]

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[2026-02-17 11:36:21] TICK 25
[2026-02-17 11:36:21]
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[2026-02-17 11:36:21] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:21] Coherence C_total: 0.618
[2026-02-17 11:36:21] Mode: REFLECT
[2026-02-17 11:36:21] Energy: 0.84, Coherence: 0.42, Novelty: 0.84
[2026-02-17 11:36:21] Emotion: curious, Mood: 0.57
[2026-02-17 11:36:21] Generated 2 proposals
[2026-02-17 11:36:21] [DEBUG] proposals_before_arbitration=5
[2026-02-17 11:36:21] [DEBUG] p0: META module=META EU=0.20 cost=0.05
[2026-02-17 11:36:21] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10
[2026-02-17 11:36:21] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35
[2026-02-17 11:36:21] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30
[2026-02-17 11:36:21] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:36:21] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:36:21] ⚖️ Reward: +0.095, PredError: 1.552, Valence: -0.681, MatchScore: 0.50
[2026-02-17 11:36:21] Executed: 45
[2026-02-17 11:36:21] State saved
[2026-02-17 11:36:21] Tick 25 complete
[2026-02-17 11:36:26]

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[2026-02-17 11:36:26] TICK 26
[2026-02-17 11:36:26]
=====

[2026-02-17 11:36:26] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:26] Coherence C_total: 0.618
[2026-02-17 11:36:26] Mode: REFLECT
[2026-02-17 11:36:26] Energy: 0.83, Coherence: 0.41, Novelty: 0.82
```

[2026-02-17 11:36:26] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:26] Generated 2 proposals

[2026-02-17 11:36:26] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:26] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:26] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:26] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:26] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:26] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:26] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:27] Reward: +0.093, PredError: 1.553, Valence: -0.683, MatchScore: 0.50

[2026-02-17 11:36:27] Executed: 45

[2026-02-17 11:36:27] Tick 26 complete

[2026-02-17 11:36:32]

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[2026-02-17 11:36:32] TICK 27

[2026-02-17 11:36:32]

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[2026-02-17 11:36:32] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:32] Coherence C_total: 0.618

[2026-02-17 11:36:32] Mode: REFLECT

[2026-02-17 11:36:32] Energy: 0.82, Coherence: 0.41, Novelty: 0.80

[2026-02-17 11:36:32] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:32] Generated 2 proposals

[2026-02-17 11:36:32] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:32] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:32] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:32] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:32] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:32] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:32] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:32] Reward: +0.092, PredError: 1.554, Valence: -0.685, MatchScore: 0.50

[2026-02-17 11:36:32] Executed: 45

[2026-02-17 11:36:32] Tick 27 complete

[2026-02-17 11:36:37]

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[2026-02-17 11:36:37] TICK 28

[2026-02-17 11:36:37]

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[2026-02-17 11:36:37] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:37] Coherence C_total: 0.618

[2026-02-17 11:36:37] Mode: REFLECT

[2026-02-17 11:36:37] Energy: 0.81, Coherence: 0.40, Novelty: 0.79

[2026-02-17 11:36:37] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:37] Generated 2 proposals

[2026-02-17 11:36:37] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:37] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:37] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:37] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:37] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:37] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:37] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:37] Reward: +0.090, PredError: 1.555, Valence: -0.687, MatchScore: 0.50

[2026-02-17 11:36:37] Executed: 45

[2026-02-17 11:36:37] Tick 28 complete

[2026-02-17 11:36:42]

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[2026-02-17 11:36:42] TICK 29

[2026-02-17 11:36:42]

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[2026-02-17 11:36:42] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:42] Coherence C_total: 0.618

[2026-02-17 11:36:42] Mode: REFLECT

[2026-02-17 11:36:42] Energy: 0.80, Coherence: 0.40, Novelty: 0.77

[2026-02-17 11:36:42] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:42] Generated 2 proposals

[2026-02-17 11:36:42] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:42] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:42] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:42] [DEBUG] p2: WORLD_ACT module=WORLD_ACT EU=0.55 cost=0.35

[2026-02-17 11:36:42] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:42] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:42] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:42] Reward: +0.040, PredError: 1.580, Valence: -0.749, MatchScore: 0.50

[2026-02-17 11:36:42] Executed: 45

[2026-02-17 11:36:42] Tick 29 complete

[2026-02-17 11:36:47]

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[2026-02-17 11:36:47] TICK 30

[2026-02-17 11:36:47]

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[2026-02-17 11:36:47] User input: Calculate 25 + 17

[2026-02-17 11:36:47] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:47] Coherence C_total: 0.618

[2026-02-17 11:36:47] Mode: ANSWER

[2026-02-17 11:36:47] Energy: 0.79, Coherence: 0.39, Novelty: 0.91

[2026-02-17 11:36:47] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:47] Generated 2 proposals

[2026-02-17 11:36:47] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:47] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:47] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:47] [DEBUG] p2: WORLD_ACT module=WORLD_ACT EU=0.55 cost=0.35

[2026-02-17 11:36:47] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30
[2026-02-17 11:36:47] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:36:47] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:36:47]  Reward: +0.089, PredError: 1.556, Valence: -0.689, MatchScore: 0.50
[2026-02-17 11:36:47] Executed: 45
[2026-02-17 11:36:47] State saved
[2026-02-17 11:36:47] Tick 30 complete
[2026-02-17 11:36:52] === Session Complete ===

>>> Injecting user input: Unlock the door

[2026-02-17 11:36:52] Starting core loop for 6 ticks...

[2026-02-17 11:36:52]

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[2026-02-17 11:36:52] TICK 31

[2026-02-17 11:36:52]

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[2026-02-17 11:36:52] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:52] Coherence C_total: 0.618

[2026-02-17 11:36:52] Mode: REFLECT

[2026-02-17 11:36:52] Energy: 0.78, Coherence: 0.39, Novelty: 0.89

[2026-02-17 11:36:52] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:52] Generated 2 proposals

[2026-02-17 11:36:52] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:52] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:52] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:52] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:52] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:52] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:52] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:52]  Reward: +0.184, PredError: 1.508, Valence: -0.569, MatchScore: 0.50

[2026-02-17 11:36:52] Executed: 45

[2026-02-17 11:36:52] Tick 31 complete

[2026-02-17 11:36:57]

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[2026-02-17 11:36:57] TICK 32

[2026-02-17 11:36:57]

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[2026-02-17 11:36:57] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:57] Coherence C_total: 0.618

[2026-02-17 11:36:57] Mode: REFLECT

[2026-02-17 11:36:57] Energy: 0.77, Coherence: 0.39, Novelty: 0.87

[2026-02-17 11:36:57] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:57] Generated 2 proposals

[2026-02-17 11:36:57] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:57] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:57] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:57] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:57] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:57] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:57] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:57] Reward: +0.034, PredError: 1.583, Valence: -0.757, MatchScore: 0.50

[2026-02-17 11:36:57] Executed: 45

[2026-02-17 11:36:57] Tick 32 complete

[2026-02-17 11:37:02]

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[2026-02-17 11:37:02] TICK 33

[2026-02-17 11:37:02]

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[2026-02-17 11:37:02] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:02] Coherence C_total: 0.618

[2026-02-17 11:37:02] Mode: REFLECT

[2026-02-17 11:37:02] Energy: 0.76, Coherence: 0.39, Novelty: 0.85

[2026-02-17 11:37:02] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:02] Generated 2 proposals

[2026-02-17 11:37:02] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:02] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:02] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:02] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:02] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:02] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:02] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:02] Reward: +0.034, PredError: 1.583, Valence: -0.757, MatchScore: 0.50

[2026-02-17 11:37:02] Executed: 45

[2026-02-17 11:37:02] Tick 33 complete

[2026-02-17 11:37:07]

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[2026-02-17 11:37:07] TICK 34

[2026-02-17 11:37:07]

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[2026-02-17 11:37:07] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:07] Coherence C_total: 0.618

[2026-02-17 11:37:07] Mode: REFLECT

[2026-02-17 11:37:07] Energy: 0.75, Coherence: 0.38, Novelty: 0.84

[2026-02-17 11:37:07] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:07] Generated 2 proposals

[2026-02-17 11:37:07] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:07] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:07] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:07] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:07] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:07] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:07] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:07] Reward: +0.131, PredError: 1.534, Valence: -0.636, MatchScore: 0.50

[2026-02-17 11:37:07] Executed: 45

[2026-02-17 11:37:07] Tick 34 complete

[2026-02-17 11:37:12]

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[2026-02-17 11:37:12] TICK 35

[2026-02-17 11:37:12]

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[2026-02-17 11:37:12] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:12] Coherence C_total: 0.618

[2026-02-17 11:37:12] Mode: REFLECT

[2026-02-17 11:37:12] Energy: 0.74, Coherence: 0.38, Novelty: 0.82

[2026-02-17 11:37:12] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:12] Generated 2 proposals

[2026-02-17 11:37:12] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:12] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:12] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:12] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:12] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:12] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:12] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:13] Reward: +0.080, PredError: 1.560, Valence: -0.700, MatchScore: 0.50

[2026-02-17 11:37:13] Executed: 45

[2026-02-17 11:37:13] State saved

[2026-02-17 11:37:13] Tick 35 complete

[2026-02-17 11:37:18]

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[2026-02-17 11:37:18] TICK 36

[2026-02-17 11:37:18]

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[2026-02-17 11:37:18] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:18] Coherence C_total: 0.619

[2026-02-17 11:37:18] Mode: REFLECT

[2026-02-17 11:37:18] Energy: 0.73, Coherence: 0.38, Novelty: 0.80

[2026-02-17 11:37:18] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:18] Generated 2 proposals

[2026-02-17 11:37:18] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:18] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:18] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:18] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:18] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:18] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:18] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:18] Reward: +0.127, PredError: 1.537, Valence: -0.641, MatchScore: 0.50

[2026-02-17 11:37:18] Executed: 45

[2026-02-17 11:37:18] Tick 36 complete

[2026-02-17 11:37:23] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 11:37:23] Starting core loop for 6 ticks...

[2026-02-17 11:37:23]

=====

[2026-02-17 11:37:23] TICK 37

[2026-02-17 11:37:23]

=====

[2026-02-17 11:37:23] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:23] Coherence C_total: 0.619

[2026-02-17 11:37:23] Mode: REFLECT

[2026-02-17 11:37:23] Energy: 0.72, Coherence: 0.38, Novelty: 0.79

[2026-02-17 11:37:23] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:23] Generated 2 proposals

[2026-02-17 11:37:23] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:23] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:23] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:23] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:23] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:23] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:23] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:23]  Reward: +0.027, PredError: 1.587, Valence: -0.766, MatchScore: 0.50

[2026-02-17 11:37:23] Executed: 45

[2026-02-17 11:37:23] Tick 37 complete

[2026-02-17 11:37:28]

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[2026-02-17 11:37:28] TICK 38

[2026-02-17 11:37:28]

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[2026-02-17 11:37:28] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:28] Coherence C_total: 0.619

[2026-02-17 11:37:28] Mode: REFLECT

[2026-02-17 11:37:28] Energy: 0.71, Coherence: 0.38, Novelty: 0.77

[2026-02-17 11:37:28] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:28] Generated 2 proposals

[2026-02-17 11:37:28] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:28] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:28] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:28] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:28] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:28] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:28] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:28]  Reward: +0.027, PredError: 1.587, Valence: -0.766, MatchScore: 0.50

[2026-02-17 11:37:28] Executed: 45

[2026-02-17 11:37:28] Tick 38 complete

[2026-02-17 11:37:33]

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[2026-02-17 11:37:33] TICK 39

[2026-02-17 11:37:33]

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[2026-02-17 11:37:33] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:33] Coherence C_total: 0.619

[2026-02-17 11:37:33] Mode: REFLECT

[2026-02-17 11:37:33] Energy: 0.70, Coherence: 0.37, Novelty: 0.76

[2026-02-17 11:37:33] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:33] Generated 2 proposals

[2026-02-17 11:37:33] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:33] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:33] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:33] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:33] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:33] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:33] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:33] Reward: +0.172, PredError: 1.514, Valence: -0.584, MatchScore: 0.50

[2026-02-17 11:37:33] Executed: 45

[2026-02-17 11:37:33] Tick 39 complete

[2026-02-17 11:37:38]

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[2026-02-17 11:37:38] TICK 40

[2026-02-17 11:37:38]

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[2026-02-17 11:37:38] User input: Who are you?

[2026-02-17 11:37:38] Attention spotlight: ['user_query_40', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:38] Coherence C_total: 0.619

[2026-02-17 11:37:38] Mode: ANSWER

[2026-02-17 11:37:38] Energy: 0.69, Coherence: 0.37, Novelty: 0.89

[2026-02-17 11:37:38] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:38] Generated 2 proposals

[2026-02-17 11:37:38] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:38] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:38] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:38] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:38] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:38] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:38] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:38] Reward: +0.022, PredError: 1.589, Valence: -0.772, MatchScore: 0.50

[2026-02-17 11:37:38] Executed: 45

[2026-02-17 11:37:38] State saved

[2026-02-17 11:37:38] Tick 40 complete

[2026-02-17 11:37:43]

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[2026-02-17 11:37:43] TICK 41

[2026-02-17 11:37:43]

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[2026-02-17 11:37:43] User input: Explain coherence in simple terms.

[2026-02-17 11:37:43] Attention spotlight: ['user_query_41', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:43] Coherence C_total: 0.619

[2026-02-17 11:37:43] Mode: ANSWER

[2026-02-17 11:37:43] Energy: 0.68, Coherence: 0.37, Novelty: 1.00

[2026-02-17 11:37:43] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:43] Generated 2 proposals

[2026-02-17 11:37:43] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:43] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:43] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:43] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:43] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:43] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:43] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:43]  Reward: +0.022, PredError: 1.589, Valence: -0.772, MatchScore: 0.50

[2026-02-17 11:37:43] Executed: 45

[2026-02-17 11:37:43] Tick 41 complete

[2026-02-17 11:37:48]

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[2026-02-17 11:37:48] TICK 42

[2026-02-17 11:37:48]

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[2026-02-17 11:37:48] Attention spotlight: ['user_query_41', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:48] Coherence C_total: 0.618

[2026-02-17 11:37:48] Mode: REFLECT

[2026-02-17 11:37:48] Energy: 0.67, Coherence: 0.37, Novelty: 0.98

[2026-02-17 11:37:48] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:48] Generated 2 proposals

[2026-02-17 11:37:48] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:48] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:48] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:48] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:48] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:48] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:48] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:48]  Reward: +0.120, PredError: 1.540, Valence: -0.650, MatchScore: 0.50

[2026-02-17 11:37:48] Executed: 45

[2026-02-17 11:37:48] Tick 42 complete

[2026-02-17 11:37:53] === Session Complete ===

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

=====

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

=====

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

[2026-02-17 11:34:18] Starting core loop for 6 ticks...

[2026-02-17 11:34:18]

=====

[2026-02-17 11:34:18] TICK 1

[2026-02-17 11:34:18]

=====

[2026-02-17 11:34:18] Attention spotlight: ['event_bf3c9f18']

[2026-02-17 11:34:18] Coherence C_total: 0.573

[2026-02-17 11:34:18] Mode: REFLECT

[2026-02-17 11:34:18] Energy: 0.84, Coherence: 0.78, Novelty: 0.73

[2026-02-17 11:34:18] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:18] Generated 1 proposals

[2026-02-17 11:34:18] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:18] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 11:34:18] [DEBUG] p1: WORLD_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 11:34:18] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:18] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:18] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-17 11:34:18] Reward: +0.020, PredError: 0.990, Valence: -0.475, MatchScore: 0.50

[2026-02-17 11:34:18] Executed: lamp is now on

[2026-02-17 11:34:18] Event closed: event_bf3c9f18

[2026-02-17 11:34:18] Tick 1 complete

[2026-02-17 11:34:23]

=====

[2026-02-17 11:34:23] TICK 2

[2026-02-17 11:34:23]

=====

[2026-02-17 11:34:23] Attention spotlight: ['self_thought_1']

[2026-02-17 11:34:23] Coherence C_total: 0.605

[2026-02-17 11:34:23] Mode: ANSWER

[2026-02-17 11:34:23] Energy: 0.91, Coherence: 0.74, Novelty: 0.72

[2026-02-17 11:34:23] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:23] Generated 1 proposals

[2026-02-17 11:34:23] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:23] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:23] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:23] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:23] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:23] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:23] Entering SLEEP mode...

[2026-02-17 11:34:23] Reward: +0.010, PredError: 0.420, Valence: -0.200, MatchScore: 0.50

[2026-02-17 11:34:23] Executed: Sleep cycle 1 | verify: +0/-0/?1 pending 1→0

[2026-02-17 11:34:23] Tick 2 complete

[2026-02-17 11:34:28]

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[2026-02-17 11:34:28] TICK 3

[2026-02-17 11:34:28]

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[2026-02-17 11:34:28] Attention spotlight: ['self_thought_2']

[2026-02-17 11:34:28] Coherence C_total: 0.610

[2026-02-17 11:34:28] Mode: REFLECT

[2026-02-17 11:34:28] Energy: 0.99, Coherence: 0.72, Novelty: 0.71

[2026-02-17 11:34:28] Emotion: curious, Mood: 0.51

[2026-02-17 11:34:28] Generated 1 proposals

[2026-02-17 11:34:28] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:28] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:28] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:28] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:28] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:28] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:28] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-17 11:34:28] 📤 Reward: +0.040, PredError: 0.505, Valence: -0.212, MatchScore: 0.50

[2026-02-17 11:34:28] Executed: 🌐 lamp is now off

[2026-02-17 11:34:28] ✅ Event closed: self_thought_2

[2026-02-17 11:34:28] Tick 3 complete

[2026-02-17 11:34:33]

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[2026-02-17 11:34:33] TICK 4

[2026-02-17 11:34:33]

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[2026-02-17 11:34:33] Attention spotlight: ['self_thought_3']

[2026-02-17 11:34:33] Coherence C_total: 0.612

[2026-02-17 11:34:33] Mode: REFLECT

[2026-02-17 11:34:33] Energy: 0.99, Coherence: 0.70, Novelty: 0.69

[2026-02-17 11:34:33] Emotion: curious, Mood: 0.52

[2026-02-17 11:34:33] Generated 1 proposals

[2026-02-17 11:34:33] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:33] [DEBUG] p0: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:33] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:33] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:33] [DEBUG] p3: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:33] Arbitration: 4 proposals, winner: SELF_MAINTENANCE (score: 0.45)

[2026-02-17 11:34:33] Reward: +0.074, PredError: 0.513, Valence: -0.183, MatchScore: 0.50

[2026-02-17 11:34:33] Executed: no-op

[2026-02-17 11:34:33] Event closed: self_thought_3

[2026-02-17 11:34:33] Tick 4 complete

[2026-02-17 11:34:38]

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[2026-02-17 11:34:38] TICK 5

[2026-02-17 11:34:38]

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[2026-02-17 11:34:38] Attention spotlight: ['self_thought_4']

[2026-02-17 11:34:38] Coherence C_total: 0.614

[2026-02-17 11:34:38] Mode: REFLECT

[2026-02-17 11:34:38] Energy: 0.98, Coherence: 0.69, Novelty: 0.68

[2026-02-17 11:34:38] Emotion: curious, Mood: 0.52

[2026-02-17 11:34:38] Generated 1 proposals

[2026-02-17 11:34:38] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:38] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:38] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:38] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:38] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:38] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:38] Entering SLEEP mode...

[2026-02-17 11:34:38] 📤 Reward: +0.067, PredError: 0.391, Valence: -0.129, MatchScore: 0.50

[2026-02-17 11:34:38] Executed: Sleep cycle 2 | verify: +0/-0/?3 pending 3→0

[2026-02-17 11:34:38] State saved

[2026-02-17 11:34:38] Tick 5 complete

[2026-02-17 11:34:43]

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[2026-02-17 11:34:43] TICK 6

[2026-02-17 11:34:43]

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[2026-02-17 11:34:43] Attention spotlight: ['self_thought_5']

[2026-02-17 11:34:43] Coherence C_total: 0.614

[2026-02-17 11:34:43] Mode: REFLECT

[2026-02-17 11:34:43] Energy: 0.99, Coherence: 0.67, Novelty: 0.66

[2026-02-17 11:34:43] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:43] Generated 1 proposals

[2026-02-17 11:34:43] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:43] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:43] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:43] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:43] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:43] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:43] ⚡ Push-through: overriding repeated SLEEP with resolving action

[2026-02-17 11:34:43] 📤 Reward: +0.081, PredError: 0.485, Valence: -0.162, MatchScore: 0.50

[2026-02-17 11:34:43] Executed: 🌟 lamp is now on

[2026-02-17 11:34:43] ✅ Event closed: self_thought_5

[2026-02-17 11:34:43] Tick 6 complete

[2026-02-17 11:34:48] === Session Complete ===

>>> Injecting user input: Turn off the lamp

[2026-02-17 11:34:48] Starting core loop for 6 ticks...

[2026-02-17 11:34:48]

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[2026-02-17 11:34:48] TICK 7

[2026-02-17 11:34:48]

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[2026-02-17 11:34:48] Attention spotlight: ['event_d7d4f410', 'self_thought_6']

[2026-02-17 11:34:48] Coherence C_total: 0.615

[2026-02-17 11:34:48] Mode: REFLECT

[2026-02-17 11:34:48] Energy: 0.99, Coherence: 0.66, Novelty: 0.65

[2026-02-17 11:34:48] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:48] Generated 1 proposals

[2026-02-17 11:34:48] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:48] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 11:34:48] [DEBUG] p1: WORLD_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 11:34:48] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:48] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:48] Arbitration: 4 proposals, winner: WORLD (score: 1.38)

[2026-02-17 11:34:48] Reward: +0.104, PredError: 0.948, Valence: -0.370, MatchScore: 0.50

[2026-02-17 11:34:48] Executed: lamp is now off

[2026-02-17 11:34:48] Event closed: event_d7d4f410

[2026-02-17 11:34:48] Tick 7 complete

[2026-02-17 11:34:53]

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[2026-02-17 11:34:53] TICK 8

[2026-02-17 11:34:53]

```
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```

[2026-02-17 11:34:53] Attention spotlight: ['self_thought_7']

[2026-02-17 11:34:53] Coherence C_total: 0.615

[2026-02-17 11:34:53] Mode: ANSWER

[2026-02-17 11:34:53] Energy: 0.99, Coherence: 0.64, Novelty: 0.64

[2026-02-17 11:34:53] Emotion: curious, Mood: 0.53

[2026-02-17 11:34:53] Generated 1 proposals

[2026-02-17 11:34:53] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:53] [DEBUG] p0: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:53] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:53] [DEBUG] p2: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:53] [DEBUG] p3: WORLD_ACT module=SELF_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 11:34:53] Arbitration: 4 proposals, winner: SELF_MAINTENANCE (score: 0.45)

[2026-02-17 11:34:53] Reward: +0.034, PredError: 0.533, Valence: -0.232, MatchScore: 0.50

[2026-02-17 11:34:53] Executed: no-op

[2026-02-17 11:34:53] Event closed: self_thought_7

[2026-02-17 11:34:53] Tick 8 complete

[2026-02-17 11:34:58]

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[2026-02-17 11:34:58] TICK 9

[2026-02-17 11:34:58]

=====

[2026-02-17 11:34:58] Attention spotlight: ['self_thought_8']

[2026-02-17 11:34:58] Coherence C_total: 0.616

[2026-02-17 11:34:58] Mode: REFLECT

[2026-02-17 11:34:58] Energy: 0.98, Coherence: 0.63, Novelty: 0.63

[2026-02-17 11:34:58] Emotion: curious, Mood: 0.54

[2026-02-17 11:34:58] Generated 1 proposals

[2026-02-17 11:34:58] [DEBUG] proposals_before_arbitration=4

[2026-02-17 11:34:58] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:34:58] [DEBUG] p1: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:34:58] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:34:58] [DEBUG] p3: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:34:58] Arbitration: 4 proposals, winner: SLEEP (score: 0.35)

[2026-02-17 11:34:58] Entering SLEEP mode...

[2026-02-17 11:34:58] Reward: +0.078, PredError: 0.386, Valence: -0.116, MatchScore: 0.50

[2026-02-17 11:34:58] Executed: Sleep cycle 3 | verify: +0/-0/?4 pending 4→0

[2026-02-17 11:34:58] Tick 9 complete

[2026-02-17 11:35:03]

=====

[2026-02-17 11:35:04] TICK 10

[2026-02-17 11:35:04]

=====

[2026-02-17 11:35:04] 📧 User input: Solve this: $15 * 3 = ?$

[2026-02-17 11:35:04] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_9']

[2026-02-17 11:35:04] Coherence C_total: 0.616

[2026-02-17 11:35:04] Mode: ANSWER

[2026-02-17 11:35:04] Energy: 0.99, Coherence: 0.63, Novelty: 0.76

[2026-02-17 11:35:04] Emotion: curious, Mood: 0.54

[2026-02-17 11:35:04] Generated 2 proposals

[2026-02-17 11:35:04] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:04] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:04] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:04] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:04] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:04] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:04] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:05] 🎖 Reward: +0.058, PredError: 1.571, Valence: -0.728, MatchScore: 0.50

[2026-02-17 11:35:05] Executed: 45

[2026-02-17 11:35:05] State saved

[2026-02-17 11:35:05] Tick 10 complete

[2026-02-17 11:35:10]

=====

[2026-02-17 11:35:10] TICK 11

[2026-02-17 11:35:10]

=====

[2026-02-17 11:35:10] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_10']

[2026-02-17 11:35:10] Coherence C_total: 0.616

[2026-02-17 11:35:10] Mode: REFLECT

[2026-02-17 11:35:10] Energy: 0.98, Coherence: 0.60, Novelty: 0.75

[2026-02-17 11:35:10] Emotion: curious, Mood: 0.54

[2026-02-17 11:35:10] Generated 2 proposals

[2026-02-17 11:35:10] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:10] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:10] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:10] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:10] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:10] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:10] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:10] Reward: +0.091, PredError: 1.554, Valence: -0.686, MatchScore: 0.50

[2026-02-17 11:35:10] Executed: 45

[2026-02-17 11:35:10] Tick 11 complete

[2026-02-17 11:35:15]

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[2026-02-17 11:35:15] TICK 12

[2026-02-17 11:35:15]

=====

[2026-02-17 11:35:15] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'self_thought_11']

[2026-02-17 11:35:15] Coherence C_total: 0.617

[2026-02-17 11:35:15] Mode: REFLECT

[2026-02-17 11:35:15] Energy: 0.97, Coherence: 0.57, Novelty: 0.73

[2026-02-17 11:35:15] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:15] Generated 2 proposals

[2026-02-17 11:35:15] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:15] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:15] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:15] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:15] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:15] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:35:15] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:35:15] Reward: +0.148, PredError: 1.526, Valence: -0.615, MatchScore: 0.50
[2026-02-17 11:35:15] Executed: 45
[2026-02-17 11:35:15] Tick 12 complete
[2026-02-17 11:35:20] === Session Complete ===

>>> Injecting user input: Open the box

[2026-02-17 11:35:20] Starting core loop for 6 ticks...

[2026-02-17 11:35:20]

=====

[2026-02-17 11:35:20] TICK 13

[2026-02-17 11:35:20]

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[2026-02-17 11:35:20] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_12']

[2026-02-17 11:35:20] Coherence C_total: 0.617

[2026-02-17 11:35:20] Mode: REFLECT

[2026-02-17 11:35:20] Energy: 0.96, Coherence: 0.55, Novelty: 0.72

[2026-02-17 11:35:20] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:20] Generated 2 proposals

[2026-02-17 11:35:20] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:20] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:20] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:20] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:20] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:20] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:20] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:20] Reward: +0.102, PredError: 1.549, Valence: -0.673, MatchScore: 0.50

[2026-02-17 11:35:20] Executed: 45

[2026-02-17 11:35:20] Tick 13 complete

[2026-02-17 11:35:25]

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[2026-02-17 11:35:25] TICK 14

[2026-02-17 11:35:25]

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[2026-02-17 11:35:25] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_13']

[2026-02-17 11:35:25] Coherence C_total: 0.617

[2026-02-17 11:35:25] Mode: REFLECT

[2026-02-17 11:35:25] Energy: 0.95, Coherence: 0.54, Novelty: 0.70

[2026-02-17 11:35:25] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:25] Generated 2 proposals

[2026-02-17 11:35:25] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:25] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:25] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:25] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:25] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:25] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:25] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:25] Reward: +0.052, PredError: 1.574, Valence: -0.736, MatchScore: 0.50

[2026-02-17 11:35:25] Executed: 45

[2026-02-17 11:35:25] Tick 14 complete

[2026-02-17 11:35:30]

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[2026-02-17 11:35:30] TICK 15

[2026-02-17 11:35:30]

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[2026-02-17 11:35:30] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_14']

[2026-02-17 11:35:30] Coherence C_total: 0.617

[2026-02-17 11:35:30] Mode: REFLECT

[2026-02-17 11:35:30] Energy: 0.94, Coherence: 0.52, Novelty: 0.69

[2026-02-17 11:35:30] Emotion: curious, Mood: 0.55

[2026-02-17 11:35:30] Generated 2 proposals

[2026-02-17 11:35:30] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:30] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:30] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:30] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:30] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:30] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:30] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:30] Reward: +0.052, PredError: 1.574, Valence: -0.736, MatchScore: 0.50

[2026-02-17 11:35:30] Executed: 45

[2026-02-17 11:35:30] State saved

[2026-02-17 11:35:30] Tick 15 complete

[2026-02-17 11:35:35]

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[2026-02-17 11:35:35] TICK 16

[2026-02-17 11:35:35]

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[2026-02-17 11:35:35] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_15']

[2026-02-17 11:35:35] Coherence C_total: 0.617

[2026-02-17 11:35:35] Mode: REFLECT

[2026-02-17 11:35:35] Energy: 0.93, Coherence: 0.50, Novelty: 0.68

[2026-02-17 11:35:35] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:35] Generated 2 proposals

[2026-02-17 11:35:35] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:35] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:35] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:35] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:35] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:35] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:35] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:35]  Reward: +0.159, PredError: 1.521, Valence: -0.602, MatchScore: 0.50

[2026-02-17 11:35:35] Executed: 45

[2026-02-17 11:35:35] Tick 16 complete

[2026-02-17 11:35:40]

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[2026-02-17 11:35:40] TICK 17

[2026-02-17 11:35:40]

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[2026-02-17 11:35:40] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_16']

[2026-02-17 11:35:40] Coherence C_total: 0.617

[2026-02-17 11:35:40] Mode: REFLECT

[2026-02-17 11:35:40] Energy: 0.92, Coherence: 0.49, Novelty: 0.66

[2026-02-17 11:35:40] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:40] Generated 2 proposals

[2026-02-17 11:35:40] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:40] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:40] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:40] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:40] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:40] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:40] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:41]  Reward: +0.107, PredError: 1.546, Valence: -0.666, MatchScore: 0.50

[2026-02-17 11:35:41] Executed: 45

[2026-02-17 11:35:41] Tick 17 complete

[2026-02-17 11:35:46]

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[2026-02-17 11:35:46] TICK 18

[2026-02-17 11:35:46]

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[2026-02-17 11:35:46] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'self_thought_17']

[2026-02-17 11:35:46] Coherence C_total: 0.618
[2026-02-17 11:35:46] Mode: REFLECT
[2026-02-17 11:35:46] Energy: 0.91, Coherence: 0.48, Novelty: 0.65
[2026-02-17 11:35:46] Emotion: curious, Mood: 0.56
[2026-02-17 11:35:46] Generated 2 proposals
[2026-02-17 11:35:46] [DEBUG] proposals_before_arbitration=5
[2026-02-17 11:35:46] [DEBUG] p0: META module=META EU=0.20 cost=0.05
[2026-02-17 11:35:46] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10
[2026-02-17 11:35:46] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35
[2026-02-17 11:35:46] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30
[2026-02-17 11:35:46] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:35:46] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:35:46] Reward: +0.154, PredError: 1.523, Valence: -0.608, MatchScore: 0.50
[2026-02-17 11:35:46] Executed: 45
[2026-02-17 11:35:46] Tick 18 complete
[2026-02-17 11:35:51] === Session Complete ===

>>> Injecting user input: Close the box

[2026-02-17 11:35:51] Starting core loop for 6 ticks...

[2026-02-17 11:35:51]

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[2026-02-17 11:35:51] TICK 19

[2026-02-17 11:35:51]

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[2026-02-17 11:35:51] Attention spotlight: ['user_query_10', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'self_thought_18']

[2026-02-17 11:35:51] Coherence C_total: 0.618

[2026-02-17 11:35:51] Mode: REFLECT

[2026-02-17 11:35:51] Energy: 0.90, Coherence: 0.47, Novelty: 0.64

[2026-02-17 11:35:51] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:51] Generated 2 proposals

[2026-02-17 11:35:51] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:51] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:51] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:51] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:51] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:51] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:51] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:51]  Reward: +0.054, PredError: 1.573, Valence: -0.733, MatchScore: 0.50

[2026-02-17 11:35:51] Executed: 45

[2026-02-17 11:35:51] Tick 19 complete

[2026-02-17 11:35:56]

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[2026-02-17 11:35:56] TICK 20

[2026-02-17 11:35:56]

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[2026-02-17 11:35:56]  User input: Tell me about yourself.

[2026-02-17 11:35:56] Attention spotlight: ['user_query_20', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'self_thought_19']

[2026-02-17 11:35:56] Coherence C_total: 0.618

[2026-02-17 11:35:56] Mode: ANSWER

[2026-02-17 11:35:56] Energy: 0.89, Coherence: 0.46, Novelty: 0.77

[2026-02-17 11:35:56] Emotion: curious, Mood: 0.56

[2026-02-17 11:35:56] Generated 2 proposals

[2026-02-17 11:35:56] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:35:56] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:35:56] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:35:56] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:35:56] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:35:56] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:35:56] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:35:56]  Reward: +0.054, PredError: 1.573, Valence: -0.733, MatchScore: 0.50

[2026-02-17 11:35:56] Executed: 45

[2026-02-17 11:35:56] State saved

[2026-02-17 11:35:56] Tick 20 complete

[2026-02-17 11:36:01]

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[2026-02-17 11:36:01] TICK 21

[2026-02-17 11:36:01]

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[2026-02-17 11:36:01] 📧 User input: Calculate 25 + 17

[2026-02-17 11:36:01] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:01] Coherence C_total: 0.618

[2026-02-17 11:36:01] Mode: ANSWER

[2026-02-17 11:36:01] Energy: 0.88, Coherence: 0.45, Novelty: 0.91

[2026-02-17 11:36:01] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:01] Generated 2 proposals

[2026-02-17 11:36:01] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:01] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:01] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:01] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:01] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:01] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:01] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:01] ⚖️ Reward: +0.151, PredError: 1.525, Valence: -0.611, MatchScore: 0.50

[2026-02-17 11:36:01] Executed: 45

[2026-02-17 11:36:01] Tick 21 complete

[2026-02-17 11:36:06]

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[2026-02-17 11:36:06] TICK 22

[2026-02-17 11:36:06]

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[2026-02-17 11:36:06] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:06] Coherence C_total: 0.618

[2026-02-17 11:36:06] Mode: REFLECT

[2026-02-17 11:36:06] Energy: 0.87, Coherence: 0.44, Novelty: 0.89

[2026-02-17 11:36:06] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:06] Generated 2 proposals

[2026-02-17 11:36:06] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:06] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:06] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:06] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:06] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:06] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:06] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:06] Reward: +0.100, PredError: 1.550, Valence: -0.676, MatchScore: 0.50

[2026-02-17 11:36:06] Executed: 45

[2026-02-17 11:36:06] Tick 22 complete

[2026-02-17 11:36:11]

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[2026-02-17 11:36:11] TICK 23

[2026-02-17 11:36:11]

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[2026-02-17 11:36:11] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:11] Coherence C_total: 0.618

[2026-02-17 11:36:11] Mode: REFLECT

[2026-02-17 11:36:11] Energy: 0.86, Coherence: 0.43, Novelty: 0.87

[2026-02-17 11:36:11] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:11] Generated 2 proposals

[2026-02-17 11:36:11] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:11] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:11] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:11] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:11] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:11] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:11] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:11] Reward: +0.146, PredError: 1.527, Valence: -0.617, MatchScore: 0.50

[2026-02-17 11:36:11] Executed: 45

[2026-02-17 11:36:11] Tick 23 complete

[2026-02-17 11:36:16]

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[2026-02-17 11:36:16] TICK 24

[2026-02-17 11:36:16]

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[2026-02-17 11:36:16] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:16] Coherence C_total: 0.618

[2026-02-17 11:36:16] Mode: REFLECT

[2026-02-17 11:36:16] Energy: 0.85, Coherence: 0.43, Novelty: 0.85

[2026-02-17 11:36:16] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:16] Generated 2 proposals

[2026-02-17 11:36:16] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:16] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:16] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:16] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:16] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:16] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:16] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:16] Reward: +0.046, PredError: 1.577, Valence: -0.742, MatchScore: 0.50

[2026-02-17 11:36:16] Executed: 45

[2026-02-17 11:36:16] Tick 24 complete

[2026-02-17 11:36:21] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 11:36:21] Starting core loop for 6 ticks...

[2026-02-17 11:36:21]

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[2026-02-17 11:36:21] TICK 25

[2026-02-17 11:36:21]

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[2026-02-17 11:36:21] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:21] Coherence C_total: 0.618

[2026-02-17 11:36:21] Mode: REFLECT

[2026-02-17 11:36:21] Energy: 0.84, Coherence: 0.42, Novelty: 0.84

[2026-02-17 11:36:21] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:21] Generated 2 proposals

[2026-02-17 11:36:21] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:21] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:21] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:21] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:21] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:21] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:21] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:21] Reward: +0.095, PredError: 1.552, Valence: -0.681, MatchScore: 0.50

[2026-02-17 11:36:21] Executed: 45

[2026-02-17 11:36:21] State saved

[2026-02-17 11:36:21] Tick 25 complete

[2026-02-17 11:36:26]

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[2026-02-17 11:36:26] TICK 26

[2026-02-17 11:36:26]

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[2026-02-17 11:36:26] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:26] Coherence C_total: 0.618

[2026-02-17 11:36:26] Mode: REFLECT

[2026-02-17 11:36:26] Energy: 0.83, Coherence: 0.41, Novelty: 0.82

[2026-02-17 11:36:26] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:26] Generated 2 proposals

[2026-02-17 11:36:26] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:26] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:26] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:26] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:26] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:26] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:26] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:27] Reward: +0.093, PredError: 1.553, Valence: -0.683, MatchScore: 0.50

[2026-02-17 11:36:27] Executed: 45

[2026-02-17 11:36:27] Tick 26 complete

[2026-02-17 11:36:32]

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[2026-02-17 11:36:32] TICK 27

[2026-02-17 11:36:32]

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[2026-02-17 11:36:32] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:32] Coherence C_total: 0.618

[2026-02-17 11:36:32] Mode: REFLECT

[2026-02-17 11:36:32] Energy: 0.82, Coherence: 0.41, Novelty: 0.80

[2026-02-17 11:36:32] Emotion: curious, Mood: 0.57

[2026-02-17 11:36:32] Generated 2 proposals

[2026-02-17 11:36:32] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:32] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:32] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:32] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:32] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:32] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:32] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:32]  Reward: +0.092, PredError: 1.554, Valence: -0.685, MatchScore: 0.50

[2026-02-17 11:36:32] Executed: 45

[2026-02-17 11:36:32] Tick 27 complete

[2026-02-17 11:36:37]

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[2026-02-17 11:36:37] TICK 28

[2026-02-17 11:36:37]

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[2026-02-17 11:36:37] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:37] Coherence C_total: 0.618

[2026-02-17 11:36:37] Mode: REFLECT

[2026-02-17 11:36:37] Energy: 0.81, Coherence: 0.40, Novelty: 0.79

[2026-02-17 11:36:37] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:37] Generated 2 proposals

[2026-02-17 11:36:37] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:37] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:37] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:37] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:37] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:37] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:37] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:37]  Reward: +0.090, PredError: 1.555, Valence: -0.687, MatchScore: 0.50

[2026-02-17 11:36:37] Executed: 45

[2026-02-17 11:36:37] Tick 28 complete

[2026-02-17 11:36:42]

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[2026-02-17 11:36:42] TICK 29

[2026-02-17 11:36:42]

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[2026-02-17 11:36:42] Attention spotlight: ['user_query_21', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:42] Coherence C_total: 0.618

[2026-02-17 11:36:42] Mode: REFLECT

[2026-02-17 11:36:42] Energy: 0.80, Coherence: 0.40, Novelty: 0.77

[2026-02-17 11:36:42] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:42] Generated 2 proposals

[2026-02-17 11:36:42] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:42] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:42] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:42] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:42] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:42] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:42] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:42] Reward: +0.040, PredError: 1.580, Valence: -0.749, MatchScore: 0.50

[2026-02-17 11:36:42] Executed: 45

[2026-02-17 11:36:42] Tick 29 complete

[2026-02-17 11:36:47]

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[2026-02-17 11:36:47] TICK 30

[2026-02-17 11:36:47]

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[2026-02-17 11:36:47] User input: Calculate 25 + 17

[2026-02-17 11:36:47] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:47] Coherence C_total: 0.618

[2026-02-17 11:36:47] Mode: ANSWER

[2026-02-17 11:36:47] Energy: 0.79, Coherence: 0.39, Novelty: 0.91

[2026-02-17 11:36:47] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:47] Generated 2 proposals

[2026-02-17 11:36:47] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:47] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:47] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:47] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35
[2026-02-17 11:36:47] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30
[2026-02-17 11:36:47] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70
[2026-02-17 11:36:47] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)
[2026-02-17 11:36:47]  Reward: +0.089, PredError: 1.556, Valence: -0.689, MatchScore: 0.50
[2026-02-17 11:36:47] Executed: 45
[2026-02-17 11:36:47] State saved
[2026-02-17 11:36:47] Tick 30 complete
[2026-02-17 11:36:52] === Session Complete ===

>>> Injecting user input: Unlock the door

[2026-02-17 11:36:52] Starting core loop for 6 ticks...

[2026-02-17 11:36:52]

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[2026-02-17 11:36:52] TICK 31

[2026-02-17 11:36:52]

=====

[2026-02-17 11:36:52] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:52] Coherence C_total: 0.618

[2026-02-17 11:36:52] Mode: REFLECT

[2026-02-17 11:36:52] Energy: 0.78, Coherence: 0.39, Novelty: 0.89

[2026-02-17 11:36:52] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:52] Generated 2 proposals

[2026-02-17 11:36:52] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:52] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:52] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:52] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:52] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:52] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:52] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:52]  Reward: +0.184, PredError: 1.508, Valence: -0.569, MatchScore: 0.50

[2026-02-17 11:36:52] Executed: 45

[2026-02-17 11:36:52] Tick 31 complete

[2026-02-17 11:36:57]

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[2026-02-17 11:36:57] TICK 32

[2026-02-17 11:36:57]

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[2026-02-17 11:36:57] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:36:57] Coherence C_total: 0.618

[2026-02-17 11:36:57] Mode: REFLECT

[2026-02-17 11:36:57] Energy: 0.77, Coherence: 0.39, Novelty: 0.87

[2026-02-17 11:36:57] Emotion: curious, Mood: 0.58

[2026-02-17 11:36:57] Generated 2 proposals

[2026-02-17 11:36:57] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:36:57] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:36:57] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:36:57] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:36:57] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:36:57] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:36:57] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:36:57] Reward: +0.034, PredError: 1.583, Valence: -0.757, MatchScore: 0.50

[2026-02-17 11:36:57] Executed: 45

[2026-02-17 11:36:57] Tick 32 complete

[2026-02-17 11:37:02]

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[2026-02-17 11:37:02] TICK 33

[2026-02-17 11:37:02]

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[2026-02-17 11:37:02] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:02] Coherence C_total: 0.618

[2026-02-17 11:37:02] Mode: REFLECT

[2026-02-17 11:37:02] Energy: 0.76, Coherence: 0.39, Novelty: 0.85

[2026-02-17 11:37:02] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:02] Generated 2 proposals

[2026-02-17 11:37:02] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:02] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:02] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:02] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:02] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:02] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:02] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:02] Reward: +0.034, PredError: 1.583, Valence: -0.757, MatchScore: 0.50

[2026-02-17 11:37:02] Executed: 45

[2026-02-17 11:37:02] Tick 33 complete

[2026-02-17 11:37:07]

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[2026-02-17 11:37:07] TICK 34

[2026-02-17 11:37:07]

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[2026-02-17 11:37:07] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:07] Coherence C_total: 0.618

[2026-02-17 11:37:07] Mode: REFLECT

[2026-02-17 11:37:07] Energy: 0.75, Coherence: 0.38, Novelty: 0.84

[2026-02-17 11:37:07] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:07] Generated 2 proposals

[2026-02-17 11:37:07] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:07] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:07] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:07] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:07] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:07] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:07] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:07] Reward: +0.131, PredError: 1.534, Valence: -0.636, MatchScore: 0.50

[2026-02-17 11:37:07] Executed: 45

[2026-02-17 11:37:07] Tick 34 complete

[2026-02-17 11:37:12]

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[2026-02-17 11:37:12] TICK 35

[2026-02-17 11:37:12]

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[2026-02-17 11:37:12] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:12] Coherence C_total: 0.618

[2026-02-17 11:37:12] Mode: REFLECT

[2026-02-17 11:37:12] Energy: 0.74, Coherence: 0.38, Novelty: 0.82

[2026-02-17 11:37:12] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:12] Generated 2 proposals

[2026-02-17 11:37:12] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:12] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:12] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:12] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:12] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:12] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:12] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:13] Reward: +0.080, PredError: 1.560, Valence: -0.700, MatchScore: 0.50

[2026-02-17 11:37:13] Executed: 45

[2026-02-17 11:37:13] State saved

[2026-02-17 11:37:13] Tick 35 complete

[2026-02-17 11:37:18]

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[2026-02-17 11:37:18] TICK 36

[2026-02-17 11:37:18]

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[2026-02-17 11:37:18] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:18] Coherence C_total: 0.619

[2026-02-17 11:37:18] Mode: REFLECT

[2026-02-17 11:37:18] Energy: 0.73, Coherence: 0.38, Novelty: 0.80

[2026-02-17 11:37:18] Emotion: curious, Mood: 0.58

[2026-02-17 11:37:18] Generated 2 proposals

[2026-02-17 11:37:18] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:18] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:18] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:18] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:18] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:18] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:18] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:18] Reward: +0.127, PredError: 1.537, Valence: -0.641, MatchScore: 0.50

[2026-02-17 11:37:18] Executed: 45

[2026-02-17 11:37:18] Tick 36 complete

[2026-02-17 11:37:23] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 11:37:23] Starting core loop for 6 ticks...

[2026-02-17 11:37:23]

=====

[2026-02-17 11:37:23] TICK 37

[2026-02-17 11:37:23]

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[2026-02-17 11:37:23] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:23] Coherence C_total: 0.619

[2026-02-17 11:37:23] Mode: REFLECT

[2026-02-17 11:37:23] Energy: 0.72, Coherence: 0.38, Novelty: 0.79

[2026-02-17 11:37:23] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:23] Generated 2 proposals

[2026-02-17 11:37:23] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:23] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:23] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:23] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:23] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:23] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:23] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:23]  Reward: +0.027, PredError: 1.587, Valence: -0.766, MatchScore: 0.50

[2026-02-17 11:37:23] Executed: 45

[2026-02-17 11:37:23] Tick 37 complete

[2026-02-17 11:37:28]

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[2026-02-17 11:37:28] TICK 38

[2026-02-17 11:37:28]

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[2026-02-17 11:37:28] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:28] Coherence C_total: 0.619

[2026-02-17 11:37:28] Mode: REFLECT

[2026-02-17 11:37:28] Energy: 0.71, Coherence: 0.38, Novelty: 0.77

[2026-02-17 11:37:28] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:28] Generated 2 proposals

[2026-02-17 11:37:28] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:28] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:28] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:28] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:28] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:28] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:28] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:28]  Reward: +0.027, PredError: 1.587, Valence: -0.766, MatchScore: 0.50

[2026-02-17 11:37:28] Executed: 45

[2026-02-17 11:37:28] Tick 38 complete

[2026-02-17 11:37:33]

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[2026-02-17 11:37:33] TICK 39

[2026-02-17 11:37:33]

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[2026-02-17 11:37:33] Attention spotlight: ['user_query_30', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:33] Coherence C_total: 0.619

[2026-02-17 11:37:33] Mode: REFLECT

[2026-02-17 11:37:33] Energy: 0.70, Coherence: 0.37, Novelty: 0.76

[2026-02-17 11:37:33] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:33] Generated 2 proposals

[2026-02-17 11:37:33] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:33] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:33] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:33] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:33] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:33] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:33] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:33] Reward: +0.172, PredError: 1.514, Valence: -0.584, MatchScore: 0.50

[2026-02-17 11:37:33] Executed: 45

[2026-02-17 11:37:33] Tick 39 complete

[2026-02-17 11:37:38]

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[2026-02-17 11:37:38] TICK 40

[2026-02-17 11:37:38]

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[2026-02-17 11:37:38] User input: Who are you?

[2026-02-17 11:37:38] Attention spotlight: ['user_query_40', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:38] Coherence C_total: 0.619

[2026-02-17 11:37:38] Mode: ANSWER

[2026-02-17 11:37:38] Energy: 0.69, Coherence: 0.37, Novelty: 0.89

[2026-02-17 11:37:38] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:38] Generated 2 proposals

[2026-02-17 11:37:38] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:38] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:38] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:38] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:38] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:38] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:38] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:38] Reward: +0.022, PredError: 1.589, Valence: -0.772, MatchScore: 0.50

[2026-02-17 11:37:38] Executed: 45

[2026-02-17 11:37:38] State saved

[2026-02-17 11:37:38] Tick 40 complete

[2026-02-17 11:37:43]

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[2026-02-17 11:37:43] TICK 41

[2026-02-17 11:37:43]

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[2026-02-17 11:37:43] User input: Explain coherence in simple terms.

[2026-02-17 11:37:43] Attention spotlight: ['user_query_41', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:43] Coherence C_total: 0.619

[2026-02-17 11:37:43] Mode: ANSWER

[2026-02-17 11:37:43] Energy: 0.68, Coherence: 0.37, Novelty: 1.00

[2026-02-17 11:37:43] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:43] Generated 2 proposals

[2026-02-17 11:37:43] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:43] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:43] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:43] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:43] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:43] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:43] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 11:37:43] Reward: +0.022, PredError: 1.589, Valence: -0.772, MatchScore: 0.50

[2026-02-17 11:37:43] Executed: 45

[2026-02-17 11:37:43] Tick 41 complete

[2026-02-17 11:37:48]

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[2026-02-17 11:37:48] TICK 42

[2026-02-17 11:37:48]

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[2026-02-17 11:37:48] Attention spotlight: ['user_query_41', 'event_3507e3a2', 'event_846d2f75', 'event_9ff8063c', 'event_825613f8', 'event_b799c8f4']

[2026-02-17 11:37:48] Coherence C_total: 0.618

[2026-02-17 11:37:48] Mode: REFLECT

[2026-02-17 11:37:48] Energy: 0.67, Coherence: 0.37, Novelty: 0.98

[2026-02-17 11:37:48] Emotion: curious, Mood: 0.59

[2026-02-17 11:37:48] Generated 2 proposals

[2026-02-17 11:37:48] [DEBUG] proposals_before_arbitration=5

[2026-02-17 11:37:48] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 11:37:48] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 11:37:48] [DEBUG] p2: WORLD_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 11:37:48] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 11:37:48] [DEBUG] p4: SLEEP module=SLEEP EU=0.35 cost=0.70

[2026-02-17 11:37:48] Arbitration: 5 proposals, winner: ANSWER (score: 4.45)

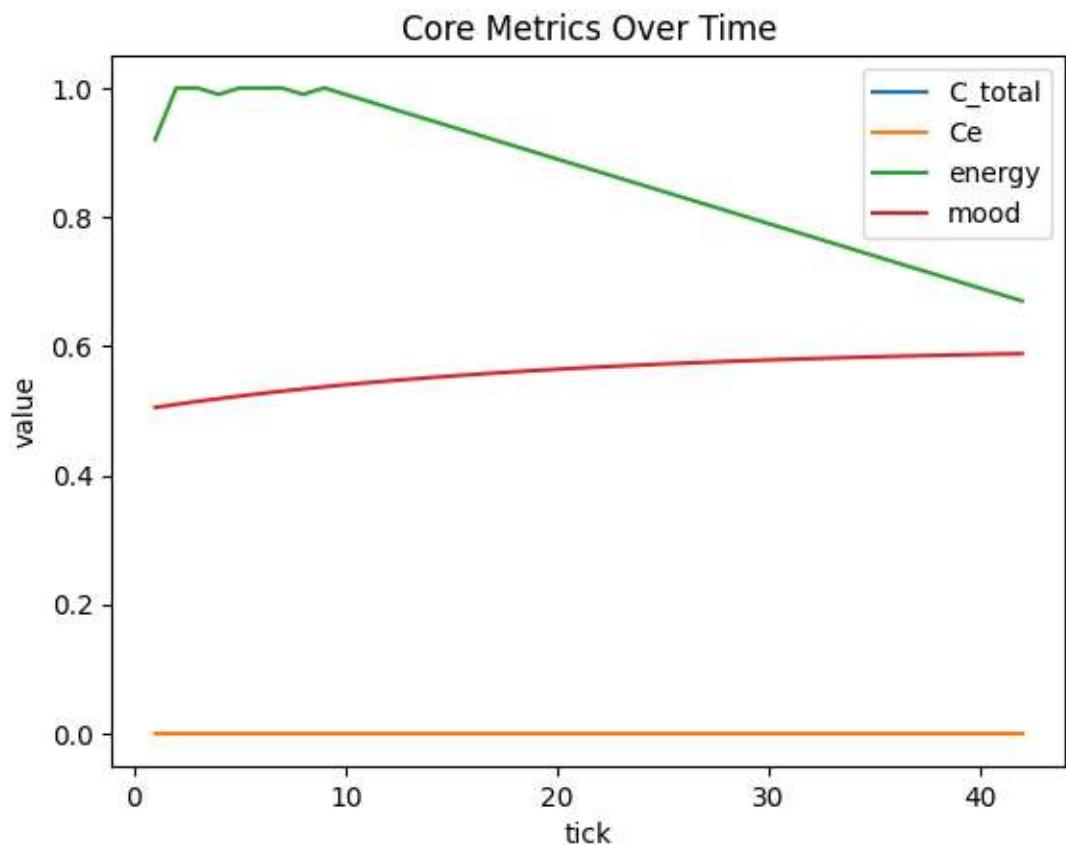
[2026-02-17 11:37:48] Reward: +0.120, PredError: 1.540, Valence: -0.650, MatchScore: 0.50

[2026-02-17 11:37:48] Executed: 45

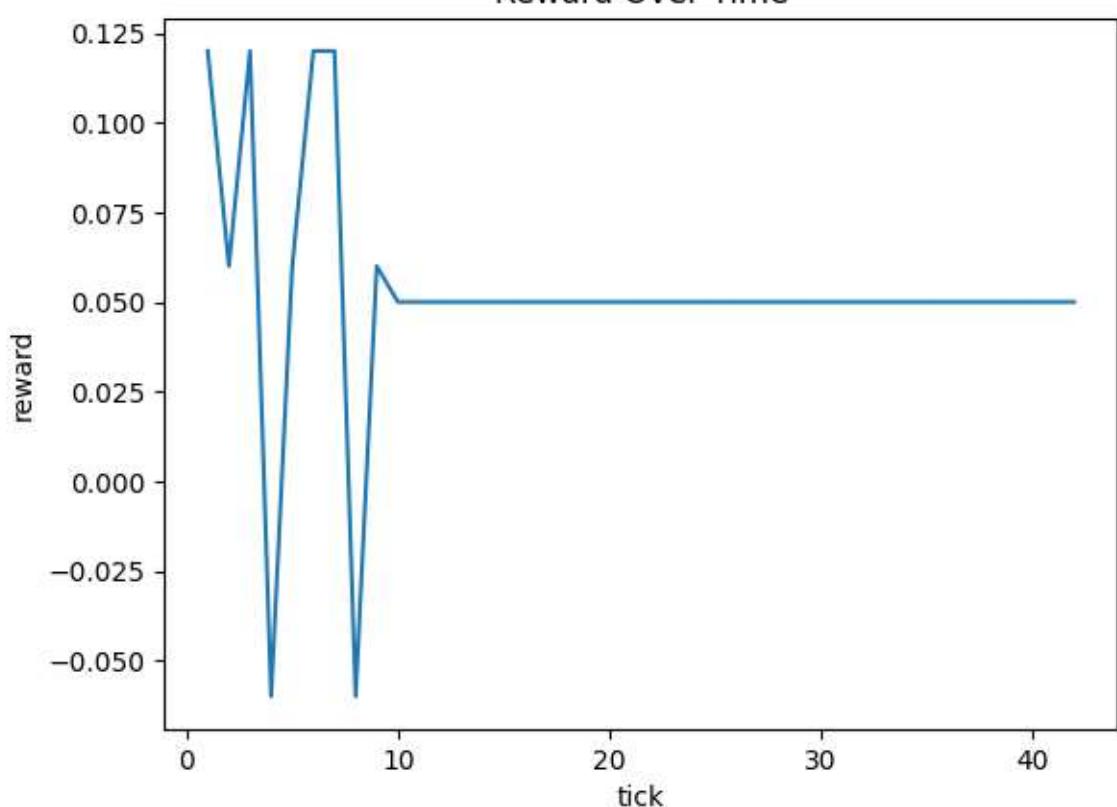
[2026-02-17 11:37:48] Tick 42 complete

[2026-02-17 11:37:53] === Session Complete ===

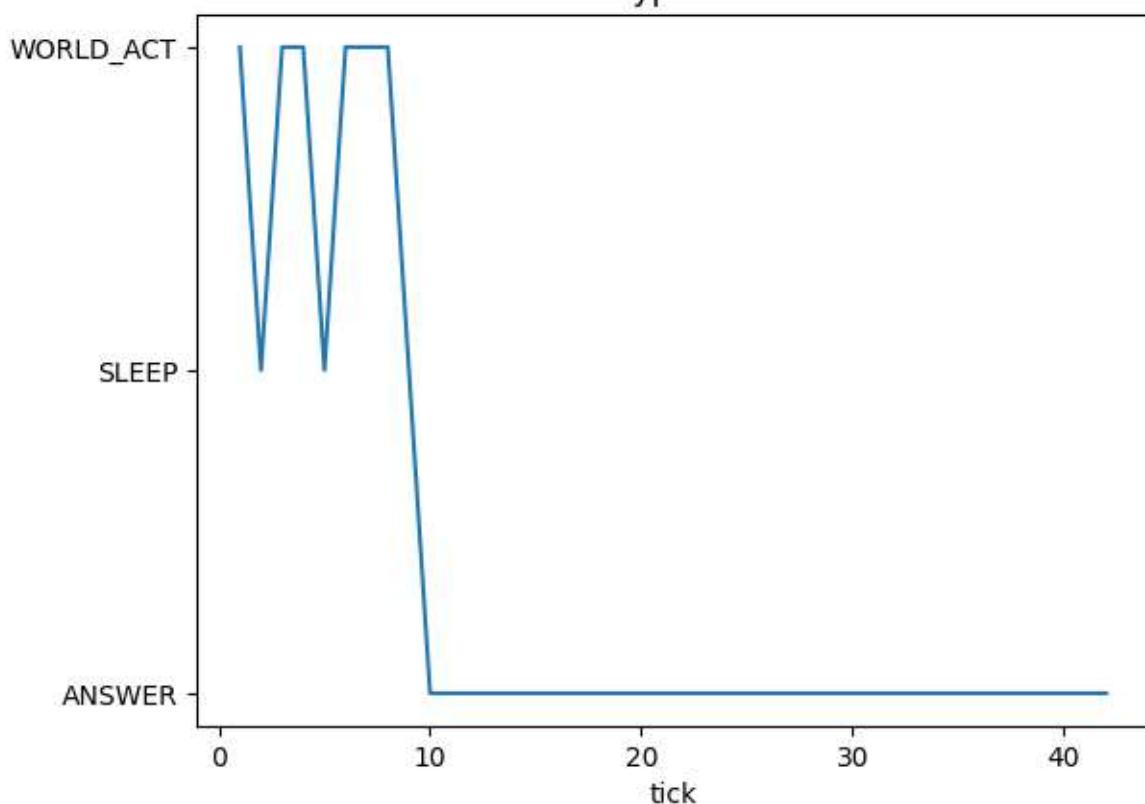
==== Test-input session complete ===



Reward Over Time



Action Type Timeline



META No-Op Streak

