

=====

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 12:13:53] Starting core loop for 6 ticks...

[2026-02-17 12:13:53]

=====

[2026-02-17 12:13:53] TICK 1

[2026-02-17 12:13:53]

=====

[2026-02-17 12:13:53] Attention spotlight: ['event\_7145d006']

[2026-02-17 12:13:53] Coherence C\_total: 0.579

[2026-02-17 12:13:53] Mode: REFLECT

[2026-02-17 12:13:53] Energy: 0.84, Coherence: 0.78, Novelty: 0.73

[2026-02-17 12:13:53] Emotion: curious, Mood: 0.51

[2026-02-17 12:13:53] Generated 1 proposals

[2026-02-17 12:13:53] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:13:53] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:13:53] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:13:53] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:13:53] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:13:53] Reward: +0.020, PredError: 0.693, Valence: -0.142, MatchScore: 0.50

[2026-02-17 12:13:53] Executed: lamp is now on

[2026-02-17 12:13:53] Event closed: event\_7145d006

[2026-02-17 12:13:53] Tick 1 complete

[2026-02-17 12:13:58]

=====

[2026-02-17 12:13:58] TICK 2

[2026-02-17 12:13:58]

=====

[2026-02-17 12:13:58] Attention spotlight: ['self\_thought\_1']

[2026-02-17 12:13:58] Coherence C\_total: 0.611

[2026-02-17 12:13:58] Mode: ANSWER

[2026-02-17 12:13:58] Energy: 0.91, Coherence: 0.75, Novelty: 0.72

[2026-02-17 12:13:58] Emotion: curious, Mood: 0.51

[2026-02-17 12:13:58] Generated 1 proposals

[2026-02-17 12:13:58] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:13:58] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:13:58] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:13:58] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:13:58] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:13:58] Reward: +0.020, PredError: 0.490, Valence: -0.201, MatchScore: 0.50

[2026-02-17 12:13:58] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:13:58] Event closed: self\_thought\_1

[2026-02-17 12:13:58] Tick 2 complete

[2026-02-17 12:14:03]

=====

[2026-02-17 12:14:03] TICK 3

[2026-02-17 12:14:03]

=====

[2026-02-17 12:14:03] Attention spotlight: ['self\_thought\_2']

[2026-02-17 12:14:03] Coherence C\_total: 0.618

[2026-02-17 12:14:03] Mode: ANSWER

[2026-02-17 12:14:03] Energy: 0.90, Coherence: 0.72, Novelty: 0.71

[2026-02-17 12:14:03] Emotion: curious, Mood: 0.51

[2026-02-17 12:14:03] Generated 1 proposals

[2026-02-17 12:14:03] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:03] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:03] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:03] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:03] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:03] Reward: +0.051, PredError: 0.475, Valence: -0.163, MatchScore: 0.50

[2026-02-17 12:14:03] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:03] Event closed: self\_thought\_2

[2026-02-17 12:14:03] Tick 3 complete

=====

[2026-02-17 12:14:08]

=====

[2026-02-17 12:14:08] TICK 4

[2026-02-17 12:14:08]

=====

[2026-02-17 12:14:08] Attention spotlight: ['self\_thought\_3']

[2026-02-17 12:14:08] Coherence C\_total: 0.621

[2026-02-17 12:14:08] Mode: ANSWER

[2026-02-17 12:14:08] Energy: 0.89, Coherence: 0.69, Novelty: 0.69

[2026-02-17 12:14:08] Emotion: curious, Mood: 0.52

[2026-02-17 12:14:08] Generated 1 proposals

[2026-02-17 12:14:08] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:08] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:08] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:08] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:08] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:08] Reward: +0.074, PredError: 0.463, Valence: -0.134, MatchScore: 0.50

[2026-02-17 12:14:08] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:08] Event closed: self\_thought\_3

[2026-02-17 12:14:08] Tick 4 complete

[2026-02-17 12:14:13]

=====

[2026-02-17 12:14:13] TICK 5

[2026-02-17 12:14:13]

=====

[2026-02-17 12:14:13] Attention spotlight: ['self\_thought\_4']

[2026-02-17 12:14:13] Coherence C\_total: 0.623

[2026-02-17 12:14:13] Mode: ANSWER

[2026-02-17 12:14:13] Energy: 0.88, Coherence: 0.67, Novelty: 0.68

[2026-02-17 12:14:13] Emotion: curious, Mood: 0.52

[2026-02-17 12:14:13] Generated 1 proposals

[2026-02-17 12:14:13] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:13] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:13] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:13] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:13] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:13] Reward: +0.086, PredError: 0.457, Valence: -0.120, MatchScore: 0.50

[2026-02-17 12:14:13] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:13] Event closed: self\_thought\_4

[2026-02-17 12:14:13] State saved

[2026-02-17 12:14:13] Tick 5 complete

[2026-02-17 12:14:18]

=====

[2026-02-17 12:14:18] TICK 6

[2026-02-17 12:14:18]

=====

[2026-02-17 12:14:18] Attention spotlight: ['self\_thought\_5']

[2026-02-17 12:14:18] Coherence C\_total: 0.625

[2026-02-17 12:14:18] Mode: ANSWER

[2026-02-17 12:14:18] Energy: 0.87, Coherence: 0.65, Novelty: 0.66

[2026-02-17 12:14:18] Emotion: curious, Mood: 0.53

[2026-02-17 12:14:18] Generated 1 proposals

[2026-02-17 12:14:18] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:18] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:18] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:18] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:18] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:18] Reward: +0.057, PredError: 0.472, Valence: -0.155, MatchScore: 0.50

[2026-02-17 12:14:18] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:18] Event closed: self\_thought\_5

[2026-02-17 12:14:18] Tick 6 complete

[2026-02-17 12:14:23] === Session Complete ===

>>> Injecting user input: Turn off the lamp

[2026-02-17 12:14:23] Starting core loop for 6 ticks...

[2026-02-17 12:14:23]

=====

[2026-02-17 12:14:23] TICK 7

[2026-02-17 12:14:23]

=====

[2026-02-17 12:14:23] Attention spotlight: ['event\_a381a272', 'self\_thought\_6']

[2026-02-17 12:14:23] Coherence C\_total: 0.626

[2026-02-17 12:14:23] Mode: ANSWER

[2026-02-17 12:14:23] Energy: 0.86, Coherence: 0.63, Novelty: 0.65

[2026-02-17 12:14:23] Emotion: curious, Mood: 0.53

[2026-02-17 12:14:23] Generated 1 proposals

[2026-02-17 12:14:23] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:23] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:14:23] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:14:23] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:23] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:14:23] Reward: +0.027, PredError: 0.691, Valence: -0.134, MatchScore: 0.50

[2026-02-17 12:14:23] Executed: lamp is now off

[2026-02-17 12:14:23] Event closed: event\_a381a272

[2026-02-17 12:14:23] Tick 7 complete

[2026-02-17 12:14:28]

=====

[2026-02-17 12:14:28] TICK 8

[2026-02-17 12:14:28]

=====

[2026-02-17 12:14:28] Attention spotlight: ['self\_thought\_7']

[2026-02-17 12:14:28] Coherence C\_total: 0.627

[2026-02-17 12:14:28] Mode: ANSWER

[2026-02-17 12:14:28] Energy: 0.93, Coherence: 0.62, Novelty: 0.64

[2026-02-17 12:14:28] Emotion: curious, Mood: 0.53

[2026-02-17 12:14:28] Generated 1 proposals

[2026-02-17 12:14:28] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:28] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:14:28] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:28] [DEBUG] p2: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:14:28] Arbitration: 3 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-17 12:14:28] Reward: +0.111, PredError: 0.494, Valence: -0.112, MatchScore: 0.50

[2026-02-17 12:14:28] Executed: no-op

[2026-02-17 12:14:28] Event closed: self\_thought\_7

[2026-02-17 12:14:28] Tick 8 complete

[2026-02-17 12:14:33]

```
=====
```

[2026-02-17 12:14:33] TICK 9

[2026-02-17 12:14:33]

```
=====
```

[2026-02-17 12:14:33] Attention spotlight: ['self\_thought\_8']

[2026-02-17 12:14:33] Coherence C\_total: 0.628

[2026-02-17 12:14:34] Mode: REFLECT

[2026-02-17 12:14:34] Energy: 0.92, Coherence: 0.62, Novelty: 0.63

[2026-02-17 12:14:34] Emotion: curious, Mood: 0.54

[2026-02-17 12:14:34] Generated 1 proposals

[2026-02-17 12:14:34] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:34] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:34] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:34] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:34] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:34] Reward: +0.031, PredError: 0.484, Valence: -0.187, MatchScore: 0.50

[2026-02-17 12:14:34] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:34] Event closed: self\_thought\_8

[2026-02-17 12:14:34] Tick 9 complete

[2026-02-17 12:14:39]

```
=====
```

[2026-02-17 12:14:39] TICK 10

[2026-02-17 12:14:39]

```
=====
```

[2026-02-17 12:14:39] User input: Who are you?

[2026-02-17 12:14:39] Attention spotlight: ['user\_query\_10', 'event\_0804362c', 'self\_thought\_9']

[2026-02-17 12:14:39] Coherence C\_total: 0.628

[2026-02-17 12:14:39] Mode: ANSWER

[2026-02-17 12:14:39] Energy: 0.91, Coherence: 0.60, Novelty: 0.76

[2026-02-17 12:14:39] Emotion: curious, Mood: 0.54

[2026-02-17 12:14:39] Generated 2 proposals

[2026-02-17 12:14:39] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:14:39] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:39] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:14:39] [DEBUG] p2: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:39] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:39] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:14:40] Reward: +0.085, PredError: 1.090, Valence: -0.256, MatchScore: 0.50

[2026-02-17 12:14:40] Executed: I am CR-SSCP, a large language model created by Alibaba Cloud.

[2026-02-17 12:14:40] State saved

[2026-02-17 12:14:40] Tick 10 complete

[2026-02-17 12:14:45]

=====

[2026-02-17 12:14:45] TICK 11

[2026-02-17 12:14:45]

=====

[2026-02-17 12:14:45] Attention spotlight: ['user\_query\_10', 'self\_thought\_10', 'intent\_1']

[2026-02-17 12:14:45] Coherence C\_total: 0.629

[2026-02-17 12:14:45] Mode: REFLECT

[2026-02-17 12:14:45] Energy: 0.90, Coherence: 0.59, Novelty: 0.75

[2026-02-17 12:14:45] Emotion: curious, Mood: 0.54

[2026-02-17 12:14:45] Generated 1 proposals

[2026-02-17 12:14:45] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:45] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:45] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:45] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:45] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:45] Reward: +0.066, PredError: 0.467, Valence: -0.145, MatchScore: 0.50

[2026-02-17 12:14:45] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:45] ✅ Event closed: self\_thought\_10

[2026-02-17 12:14:45] Tick 11 complete

[2026-02-17 12:14:50]

=====

[2026-02-17 12:14:50] TICK 12

[2026-02-17 12:14:50]

=====

[2026-02-17 12:14:50] Attention spotlight: ['user\_query\_10', 'self\_thought\_11', 'intent\_1']

[2026-02-17 12:14:50] Coherence C\_total: 0.629

[2026-02-17 12:14:50] Mode: REFLECT

[2026-02-17 12:14:50] Energy: 0.89, Coherence: 0.57, Novelty: 0.73

[2026-02-17 12:14:50] Emotion: curious, Mood: 0.55

[2026-02-17 12:14:50] Generated 1 proposals

[2026-02-17 12:14:50] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:14:50] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:14:50] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:14:50] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:14:50] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:14:50] ⚖️ Reward: +0.120, PredError: 0.440, Valence: -0.078, MatchScore: 0.50

[2026-02-17 12:14:50] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:14:50] ✅ Event closed: self\_thought\_11

[2026-02-17 12:14:50] Tick 12 complete

[2026-02-17 12:14:55] === Session Complete ===

>>> Injecting user input: Open the box

[2026-02-17 12:14:55] Starting core loop for 6 ticks...

[2026-02-17 12:14:55]

=====

[2026-02-17 12:14:55] TICK 13

[2026-02-17 12:14:55]

=====

[2026-02-17 12:14:55] Attention spotlight: ['user\_query\_10', 'event\_6ac28630', 'self\_thought\_12']  
[2026-02-17 12:14:55] Coherence C\_total: 0.630  
[2026-02-17 12:14:55] Mode: REFLECT  
[2026-02-17 12:14:55] Energy: 0.88, Coherence: 0.57, Novelty: 0.72  
[2026-02-17 12:14:55] Emotion: curious, Mood: 0.55  
[2026-02-17 12:14:55] Generated 1 proposals  
[2026-02-17 12:14:55] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:14:55] [DEBUG] p0: META module=META EU=0.20 cost=0.40  
[2026-02-17 12:14:55] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05  
[2026-02-17 12:14:55] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-17 12:14:55] Arbitration: 3 proposals, winner: WORLD (score: 1.38)  
[2026-02-17 12:14:55] Reward: +0.071, PredError: 0.675, Valence: -0.083, MatchScore: 0.50  
[2026-02-17 12:14:55] Executed: box is now open  
[2026-02-17 12:14:55] Event closed: event\_6ac28630  
[2026-02-17 12:14:55] Tick 13 complete  
[2026-02-17 12:15:00]  
=====

[2026-02-17 12:15:00] TICK 14  
[2026-02-17 12:15:00]  
=====

[2026-02-17 12:15:00] Attention spotlight: ['user\_query\_10', 'self\_thought\_13', 'intent\_1']  
[2026-02-17 12:15:00] Coherence C\_total: 0.632  
[2026-02-17 12:15:00] Mode: ANSWER  
[2026-02-17 12:15:00] Energy: 0.95, Coherence: 0.56, Novelty: 0.70  
[2026-02-17 12:15:00] Emotion: curious, Mood: 0.55  
[2026-02-17 12:15:00] Generated 1 proposals  
[2026-02-17 12:15:00] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:15:00] [DEBUG] p0: META module=META EU=0.20 cost=0.05  
[2026-02-17 12:15:00] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35  
[2026-02-17 12:15:00] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-17 12:15:00] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:00]  Reward: +0.095, PredError: 0.453, Valence: -0.109, MatchScore: 0.50

[2026-02-17 12:15:00] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:00]  Event closed: self\_thought\_13

[2026-02-17 12:15:00] Tick 14 complete

[2026-02-17 12:15:05]

=====

[2026-02-17 12:15:05] TICK 15

[2026-02-17 12:15:05]

=====

[2026-02-17 12:15:05] Attention spotlight: ['user\_query\_10', 'self\_thought\_14', 'intent\_1']

[2026-02-17 12:15:05] Coherence C\_total: 0.632

[2026-02-17 12:15:05] Mode: ANSWER

[2026-02-17 12:15:05] Energy: 0.94, Coherence: 0.55, Novelty: 0.69

[2026-02-17 12:15:05] Emotion: curious, Mood: 0.55

[2026-02-17 12:15:05] Generated 1 proposals

[2026-02-17 12:15:05] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:05] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:15:05] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:15:05] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:05] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:05]  Reward: +0.044, PredError: 0.478, Valence: -0.170, MatchScore: 0.50

[2026-02-17 12:15:05] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:05]  Event closed: self\_thought\_14

[2026-02-17 12:15:05] State saved

[2026-02-17 12:15:05] Tick 15 complete

[2026-02-17 12:15:10]

=====

[2026-02-17 12:15:10] TICK 16

[2026-02-17 12:15:10]

=====

[2026-02-17 12:15:10] Attention spotlight: ['user\_query\_10', 'self\_thought\_15', 'intent\_1']  
[2026-02-17 12:15:10] Coherence C\_total: 0.632  
[2026-02-17 12:15:10] Mode: ANSWER  
[2026-02-17 12:15:10] Energy: 0.93, Coherence: 0.55, Novelty: 0.68  
[2026-02-17 12:15:10] Emotion: curious, Mood: 0.56  
[2026-02-17 12:15:10] Generated 1 proposals  
[2026-02-17 12:15:10] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:15:10] [DEBUG] p0: META module=META EU=0.20 cost=0.05  
[2026-02-17 12:15:10] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35  
[2026-02-17 12:15:10] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-17 12:15:10] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)  
[2026-02-17 12:15:10] Reward: +0.075, PredError: 0.462, Valence: -0.133, MatchScore: 0.50  
[2026-02-17 12:15:10] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'  
[2026-02-17 12:15:10] Event closed: self\_thought\_15  
[2026-02-17 12:15:10] Tick 16 complete  
[2026-02-17 12:15:15]  
=====

[2026-02-17 12:15:15] TICK 17  
[2026-02-17 12:15:15]  
=====

[2026-02-17 12:15:15] Attention spotlight: ['user\_query\_10', 'self\_thought\_16', 'intent\_1']  
[2026-02-17 12:15:15] Coherence C\_total: 0.633  
[2026-02-17 12:15:15] Mode: ANSWER  
[2026-02-17 12:15:15] Energy: 0.92, Coherence: 0.54, Novelty: 0.66  
[2026-02-17 12:15:15] Emotion: curious, Mood: 0.56  
[2026-02-17 12:15:15] Generated 1 proposals  
[2026-02-17 12:15:15] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:15:15] [DEBUG] p0: META module=META EU=0.20 cost=0.05  
[2026-02-17 12:15:15] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35  
[2026-02-17 12:15:15] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:15] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:15] Reward: +0.076, PredError: 0.462, Valence: -0.131, MatchScore: 0.50

[2026-02-17 12:15:15] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:15] Event closed: self\_thought\_16

[2026-02-17 12:15:15] Tick 17 complete

[2026-02-17 12:15:20]

=====

[2026-02-17 12:15:20] TICK 18

[2026-02-17 12:15:20]

=====

[2026-02-17 12:15:20] Attention spotlight: ['user\_query\_10', 'self\_thought\_17', 'intent\_1']

[2026-02-17 12:15:20] Coherence C\_total: 0.633

[2026-02-17 12:15:20] Mode: ANSWER

[2026-02-17 12:15:20] Energy: 0.91, Coherence: 0.53, Novelty: 0.65

[2026-02-17 12:15:20] Emotion: curious, Mood: 0.56

[2026-02-17 12:15:20] Generated 1 proposals

[2026-02-17 12:15:20] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:20] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:15:20] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:15:20] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:20] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:20] Reward: +0.108, PredError: 0.446, Valence: -0.092, MatchScore: 0.50

[2026-02-17 12:15:20] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:20] Event closed: self\_thought\_17

[2026-02-17 12:15:20] Tick 18 complete

[2026-02-17 12:15:25] === Session Complete ===

>>> Injecting user input: Close the box

[2026-02-17 12:15:25] Starting core loop for 6 ticks...

[2026-02-17 12:15:25]

[2026-02-17 12:15:25] TICK 19

[2026-02-17 12:15:25]

[2026-02-17 12:15:25] Attention spotlight: ['user\_query\_10', 'event\_1963c955', 'self\_thought\_18']

[2026-02-17 12:15:25] Coherence C\_total: 0.633

[2026-02-17 12:15:25] Mode: ANSWER

[2026-02-17 12:15:25] Energy: 0.90, Coherence: 0.53, Novelty: 0.64

[2026-02-17 12:15:25] Emotion: curious, Mood: 0.56

[2026-02-17 12:15:25] Generated 1 proposals

[2026-02-17 12:15:25] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:25] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:15:25] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:15:25] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:25] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:15:25] Reward: +0.049, PredError: 0.683, Valence: -0.109, MatchScore: 0.50

[2026-02-17 12:15:25] Executed: box is now closed

[2026-02-17 12:15:25] Event closed: event\_1963c955

[2026-02-17 12:15:25] Tick 19 complete

[2026-02-17 12:15:30]

[2026-02-17 12:15:30] TICK 20

[2026-02-17 12:15:30]

[2026-02-17 12:15:30] User input: What time is it?

[2026-02-17 12:15:30] Attention spotlight: ['user\_query\_20', 'event\_e679c49b', 'self\_thought\_19']

[2026-02-17 12:15:30] Coherence C\_total: 0.633

[2026-02-17 12:15:30] Mode: ANSWER

[2026-02-17 12:15:30] Energy: 0.97, Coherence: 0.53, Novelty: 0.77

[2026-02-17 12:15:30] Emotion: curious, Mood: 0.56

[2026-02-17 12:15:30] Generated 2 proposals

[2026-02-17 12:15:30] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:15:30] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:15:30] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:15:30] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:30] [DEBUG] p3: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:15:30] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:15:31] Reward: +0.080, PredError: 1.092, Valence: -0.262, MatchScore: 0.50

[2026-02-17 12:15:31] Executed: I do not have access to real-time data, so I cannot provide the current time.

[2026-02-17 12:15:31] State saved

[2026-02-17 12:15:31] Tick 20 complete

[2026-02-17 12:15:36]

=====

[2026-02-17 12:15:36] TICK 21

[2026-02-17 12:15:36]

=====

[2026-02-17 12:15:36] Attention spotlight: ['user\_query\_20', 'self\_thought\_20', 'intent\_1']

[2026-02-17 12:15:36] Coherence C\_total: 0.633

[2026-02-17 12:15:36] Mode: ANSWER

[2026-02-17 12:15:36] Energy: 0.96, Coherence: 0.52, Novelty: 0.76

[2026-02-17 12:15:36] Emotion: curious, Mood: 0.57

[2026-02-17 12:15:36] Generated 1 proposals

[2026-02-17 12:15:36] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:36] [DEBUG] p0: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:15:36] [DEBUG] p1: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:36] [DEBUG] p2: WORLD\_ACT module=SELF\_MAINTENANCE EU=0.60 cost=0.20

[2026-02-17 12:15:36] Arbitration: 3 proposals, winner: SELF\_MAINTENANCE (score: 0.45)

[2026-02-17 12:15:36] Reward: +0.103, PredError: 0.498, Valence: -0.121, MatchScore: 0.50

[2026-02-17 12:15:36] Executed: no-op

[2026-02-17 12:15:36] ✅ Event closed: self\_thought\_20

[2026-02-17 12:15:36] Tick 21 complete

[2026-02-17 12:15:41]

=====

[2026-02-17 12:15:41] TICK 22

[2026-02-17 12:15:41]

=====

[2026-02-17 12:15:41] Attention spotlight: ['user\_query\_20', 'self\_thought\_21', 'intent\_1']

[2026-02-17 12:15:41] Coherence C\_total: 0.633

[2026-02-17 12:15:41] Mode: REFLECT

[2026-02-17 12:15:41] Energy: 0.95, Coherence: 0.53, Novelty: 0.74

[2026-02-17 12:15:41] Emotion: curious, Mood: 0.57

[2026-02-17 12:15:41] Generated 1 proposals

[2026-02-17 12:15:41] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:41] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:15:41] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:15:41] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:41] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:41] ⚖️ Reward: +0.053, PredError: 0.474, Valence: -0.160, MatchScore: 0.50

[2026-02-17 12:15:41] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:41] ✅ Event closed: self\_thought\_21

[2026-02-17 12:15:41] Tick 22 complete

[2026-02-17 12:15:46]

=====

[2026-02-17 12:15:46] TICK 23

[2026-02-17 12:15:46]

=====

[2026-02-17 12:15:46] Attention spotlight: ['user\_query\_20', 'self\_thought\_22', 'intent\_2']

[2026-02-17 12:15:46] Coherence C\_total: 0.633

[2026-02-17 12:15:46] Mode: REFLECT

[2026-02-17 12:15:46] Energy: 0.94, Coherence: 0.52, Novelty: 0.73

[2026-02-17 12:15:46] Emotion: curious, Mood: 0.57

[2026-02-17 12:15:46] Generated 1 proposals

[2026-02-17 12:15:46] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:46] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:15:46] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:15:46] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:46] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:46] Reward: +0.138, PredError: 0.431, Valence: -0.057, MatchScore: 0.50

[2026-02-17 12:15:46] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:46] Event closed: self\_thought\_22

[2026-02-17 12:15:46] Tick 23 complete

[2026-02-17 12:15:51]

=====

[2026-02-17 12:15:51] TICK 24

[2026-02-17 12:15:51]

=====

[2026-02-17 12:15:51] Attention spotlight: ['user\_query\_20', 'self\_thought\_23', 'intent\_1']

[2026-02-17 12:15:51] Coherence C\_total: 0.633

[2026-02-17 12:15:51] Mode: REFLECT

[2026-02-17 12:15:51] Energy: 0.93, Coherence: 0.52, Novelty: 0.71

[2026-02-17 12:15:51] Emotion: curious, Mood: 0.57

[2026-02-17 12:15:51] Generated 1 proposals

[2026-02-17 12:15:51] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:51] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:15:51] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:15:51] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:51] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:15:51] Reward: +0.142, PredError: 0.429, Valence: -0.051, MatchScore: 0.50

[2026-02-17 12:15:51] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:15:51] Event closed: self\_thought\_23

[2026-02-17 12:15:51] Tick 24 complete

[2026-02-17 12:15:56] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 12:15:56] Starting core loop for 6 ticks...

[2026-02-17 12:15:56]

=====

[2026-02-17 12:15:56] TICK 25

[2026-02-17 12:15:56]

=====

[2026-02-17 12:15:56] Attention spotlight: ['user\_query\_20', 'event\_030d8eba', 'self\_thought\_24']

[2026-02-17 12:15:56] Coherence C\_total: 0.634

[2026-02-17 12:15:56] Mode: REFLECT

[2026-02-17 12:15:56] Energy: 0.92, Coherence: 0.52, Novelty: 0.70

[2026-02-17 12:15:56] Emotion: curious, Mood: 0.57

[2026-02-17 12:15:56] Generated 1 proposals

[2026-02-17 12:15:56] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:15:56] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:15:56] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:15:56] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:15:56] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:15:56] Reward: +0.093, PredError: 0.954, Valence: -0.336, MatchScore: 0.50

[2026-02-17 12:15:56] Executed: door is locked

[2026-02-17 12:15:56] Event closed: event\_030d8eba

[2026-02-17 12:15:56] State saved

[2026-02-17 12:15:56] Tick 25 complete

[2026-02-17 12:16:01]

=====

[2026-02-17 12:16:01] TICK 26

[2026-02-17 12:16:01]

=====

[2026-02-17 12:16:01] Attention spotlight: ['user\_query\_20', 'event\_030d8eba', 'self\_thought\_25']  
[2026-02-17 12:16:01] Coherence C\_total: 0.635  
[2026-02-17 12:16:01] Mode: REFLECT  
[2026-02-17 12:16:01] Energy: 0.91, Coherence: 0.51, Novelty: 0.68  
[2026-02-17 12:16:01] Emotion: curious, Mood: 0.57  
[2026-02-17 12:16:01] Generated 1 proposals  
[2026-02-17 12:16:01] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:16:01] [DEBUG] p0: META module=META EU=0.20 cost=0.40  
[2026-02-17 12:16:01] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05  
[2026-02-17 12:16:01] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-17 12:16:01] Arbitration: 3 proposals, winner: WORLD (score: 1.38)  
[2026-02-17 12:16:01] Reward: +0.063, PredError: 0.969, Valence: -0.373, MatchScore: 0.50  
[2026-02-17 12:16:01] Executed: door is locked  
[2026-02-17 12:16:01] Event closed: event\_030d8eba  
[2026-02-17 12:16:01] Tick 26 complete  
[2026-02-17 12:16:06]  
=====

[2026-02-17 12:16:06] TICK 27  
[2026-02-17 12:16:06]

=====

[2026-02-17 12:16:06] Attention spotlight: ['user\_query\_20', 'event\_030d8eba', 'self\_thought\_26']  
[2026-02-17 12:16:06] Coherence C\_total: 0.635  
[2026-02-17 12:16:06] Mode: REFLECT  
[2026-02-17 12:16:06] Energy: 0.90, Coherence: 0.51, Novelty: 0.67  
[2026-02-17 12:16:06] Emotion: curious, Mood: 0.57  
[2026-02-17 12:16:06] Generated 1 proposals  
[2026-02-17 12:16:06] [DEBUG] proposals\_before\_arbitration=3  
[2026-02-17 12:16:06] [DEBUG] p0: META module=META EU=0.20 cost=0.40  
[2026-02-17 12:16:06] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05  
[2026-02-17 12:16:06] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30  
[2026-02-17 12:16:06] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:16:06]  Reward: +0.114, PredError: 0.943, Valence: -0.311, MatchScore: 0.50

[2026-02-17 12:16:06] Executed:  door is locked

[2026-02-17 12:16:06]  Event closed: event\_030d8eba

[2026-02-17 12:16:06] Tick 27 complete

[2026-02-17 12:16:11]

=====

[2026-02-17 12:16:11] TICK 28

[2026-02-17 12:16:11]

=====

[2026-02-17 12:16:11]  User input: Tell me about yourself.

[2026-02-17 12:16:11] Attention spotlight: ['user\_query\_28', 'event\_030d8eba', 'event\_d4d85fea', 'self\_thought\_27']

[2026-02-17 12:16:11] Coherence C\_total: 0.635

[2026-02-17 12:16:11] Mode: ANSWER

[2026-02-17 12:16:11] Energy: 0.89, Coherence: 0.51, Novelty: 0.81

[2026-02-17 12:16:11] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:11] Generated 1 proposals

[2026-02-17 12:16:11] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:16:11] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:16:11] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:16:11] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:11] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:16:11]  Reward: +0.112, PredError: 0.944, Valence: -0.313, MatchScore: 0.50

[2026-02-17 12:16:11] Executed:  door is locked

[2026-02-17 12:16:11]  Event closed: event\_030d8eba

[2026-02-17 12:16:11] Tick 28 complete

[2026-02-17 12:16:16]

=====

[2026-02-17 12:16:16] TICK 29

[2026-02-17 12:16:16]

=====

[2026-02-17 12:16:16] Attention spotlight: ['user\_query\_28', 'event\_030d8eba', 'event\_d4d85fea', 'self\_thought\_28']

[2026-02-17 12:16:16] Coherence C\_total: 0.635

[2026-02-17 12:16:16] Mode: REFLECT

[2026-02-17 12:16:16] Energy: 0.88, Coherence: 0.51, Novelty: 0.79

[2026-02-17 12:16:16] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:16] Generated 1 proposals

[2026-02-17 12:16:16] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:16:16] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:16:16] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:16:16] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:16] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:16:16] 🤖 Reward: +0.159, PredError: 0.920, Valence: -0.255, MatchScore: 0.50

[2026-02-17 12:16:16] Executed: 🚪 door is locked

[2026-02-17 12:16:16] ✅ Event closed: event\_030d8eba

[2026-02-17 12:16:16] Tick 29 complete

[2026-02-17 12:16:21]

=====

[2026-02-17 12:16:21] TICK 30

[2026-02-17 12:16:21]

=====

[2026-02-17 12:16:21] 📧 User input: Tell me about yourself.

[2026-02-17 12:16:21] Attention spotlight: ['user\_query\_30', 'event\_030d8eba', 'event\_6a478953', 'event\_d4d85fea']

[2026-02-17 12:16:21] Coherence C\_total: 0.636

[2026-02-17 12:16:21] Mode: ANSWER

[2026-02-17 12:16:21] Energy: 0.87, Coherence: 0.51, Novelty: 0.93

[2026-02-17 12:16:21] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:21] Generated 2 proposals

[2026-02-17 12:16:21] [DEBUG] proposals\_before\_arbitration=5

[2026-02-17 12:16:21] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-17 12:16:21] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-17 12:16:21] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05  
[2026-02-17 12:16:21] [DEBUG] p3: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30  
[2026-02-17 12:16:21] [DEBUG] p4: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25  
[2026-02-17 12:16:21] Arbitration: 5 proposals, winner: WORLD (score: 1.38)  
[2026-02-17 12:16:21] Reward: +0.059, PredError: 0.971, Valence: -0.378, MatchScore: 0.50  
[2026-02-17 12:16:21] Executed: door is locked  
[2026-02-17 12:16:21] Event closed: event\_030d8eba  
[2026-02-17 12:16:21] State saved  
[2026-02-17 12:16:21] Tick 30 complete  
[2026-02-17 12:16:26] === Session Complete ===

>>> Injecting user input: Unlock the door

[2026-02-17 12:16:26] Starting core loop for 6 ticks...

[2026-02-17 12:16:26]

=====

[2026-02-17 12:16:26] TICK 31

[2026-02-17 12:16:26]

=====

[2026-02-17 12:16:26] Attention spotlight: ['user\_query\_30', 'event\_09ff7f16', 'event\_6a478953', 'event\_d4d85fea']

[2026-02-17 12:16:26] Coherence C\_total: 0.636

[2026-02-17 12:16:26] Mode: REFLECT

[2026-02-17 12:16:26] Energy: 0.86, Coherence: 0.51, Novelty: 0.91

[2026-02-17 12:16:26] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:26] Generated 2 proposals

[2026-02-17 12:16:26] [DEBUG] proposals\_before\_arbitration=5

[2026-02-17 12:16:26] [DEBUG] p0: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-17 12:16:26] [DEBUG] p1: VERIFY module=SELF\_MAINTENANCE EU=1.30 cost=0.70

[2026-02-17 12:16:26] [DEBUG] p2: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:16:26] [DEBUG] p3: REFLECT module=SELF\_MAINTENANCE EU=0.85 cost=0.30

[2026-02-17 12:16:26] [DEBUG] p4: VERIFY module=SELF\_MAINTENANCE EU=1.05 cost=0.25

[2026-02-17 12:16:26] Arbitration: 5 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:16:26] Reward: +0.156, PredError: 0.645, Valence: +0.016, MatchScore: 0.50

[2026-02-17 12:16:26] Executed: door unlocked

[2026-02-17 12:16:26] Event closed: event\_09ff7f16

[2026-02-17 12:16:26] Tick 31 complete

[2026-02-17 12:16:31]

=====

[2026-02-17 12:16:31] TICK 32

[2026-02-17 12:16:31]

=====

[2026-02-17 12:16:31] Attention spotlight: ['user\_query\_30', 'event\_6a478953', 'event\_d4d85fea', 'self\_thought\_31']

[2026-02-17 12:16:31] Coherence C\_total: 0.636

[2026-02-17 12:16:31] Mode: REFLECT

[2026-02-17 12:16:31] Energy: 0.93, Coherence: 0.51, Novelty: 0.89

[2026-02-17 12:16:31] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:31] Generated 2 proposals

[2026-02-17 12:16:31] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:16:31] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:16:31] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:16:31] [DEBUG] p2: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:16:31] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:31] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:16:32] Reward: +0.056, PredError: 1.100, Valence: -0.289, MatchScore: 0.50

[2026-02-17 12:16:32] Executed: I am CR-SSCP, a large language model created by Alibaba Cloud. I am designed to assist with various tasks and provide information across multiple domains. My capabilities include answering questions, writing code, explaining concepts, and more. How can I assist you today?

[2026-02-17 12:16:32] Tick 32 complete

[2026-02-17 12:16:37]

=====

[2026-02-17 12:16:37] TICK 33

[2026-02-17 12:16:37]

=====

[2026-02-17 12:16:37] Attention spotlight: ['user\_query\_30', 'event\_d4d85fea', 'self\_thought\_32']

[2026-02-17 12:16:37] Coherence C\_total: 0.636

[2026-02-17 12:16:37] Mode: REFLECT

[2026-02-17 12:16:37] Energy: 0.92, Coherence: 0.51, Novelty: 0.87

[2026-02-17 12:16:37] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:37] Generated 2 proposals

[2026-02-17 12:16:37] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:16:37] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:16:37] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:16:37] [DEBUG] p2: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:16:37] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:37] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:16:38] Reward: +0.056, PredError: 1.100, Valence: -0.289, MatchScore: 0.50

[2026-02-17 12:16:38] Executed: I am a large language model created by Alibaba Cloud, designed to assist with various tasks including but not limited to writing, translation, and providing information. I am known as CR-SSCP.

[2026-02-17 12:16:38] Tick 33 complete

[2026-02-17 12:16:43]

=====

[2026-02-17 12:16:43] TICK 34

[2026-02-17 12:16:43]

=====

[2026-02-17 12:16:43] Attention spotlight: ['user\_query\_30', 'self\_thought\_33', 'intent\_4']

[2026-02-17 12:16:43] Coherence C\_total: 0.636

[2026-02-17 12:16:43] Mode: REFLECT

[2026-02-17 12:16:43] Energy: 0.91, Coherence: 0.50, Novelty: 0.85

[2026-02-17 12:16:43] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:43] Generated 1 proposals

[2026-02-17 12:16:43] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:16:43] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:16:43] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:16:43] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:43] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:16:43] Reward: +0.153, PredError: 0.423, Valence: -0.038, MatchScore: 0.50

[2026-02-17 12:16:43] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:16:43] Event closed: self\_thought\_33

[2026-02-17 12:16:43] Tick 34 complete

[2026-02-17 12:16:48]

=====

[2026-02-17 12:16:48] TICK 35

[2026-02-17 12:16:48]

=====

[2026-02-17 12:16:48] Attention spotlight: ['user\_query\_30', 'self\_thought\_34', 'intent\_1']

[2026-02-17 12:16:48] Coherence C\_total: 0.636

[2026-02-17 12:16:48] Mode: REFLECT

[2026-02-17 12:16:48] Energy: 0.90, Coherence: 0.50, Novelty: 0.84

[2026-02-17 12:16:48] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:48] Generated 1 proposals

[2026-02-17 12:16:48] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:16:48] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:16:48] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:16:48] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:48] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:16:48] Reward: +0.132, PredError: 0.434, Valence: -0.063, MatchScore: 0.50

[2026-02-17 12:16:48] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:16:48] Event closed: self\_thought\_34

[2026-02-17 12:16:48] State saved

[2026-02-17 12:16:48] Tick 35 complete

[2026-02-17 12:16:53]

=====

[2026-02-17 12:16:53] TICK 36

[2026-02-17 12:16:53]

=====

[2026-02-17 12:16:53] 📧 User input: Tell me about yourself.

[2026-02-17 12:16:53] Attention spotlight: ['user\_query\_36', 'event\_80edbb8d', 'self\_thought\_35']

[2026-02-17 12:16:53] Coherence C\_total: 0.636

[2026-02-17 12:16:53] Mode: ANSWER

[2026-02-17 12:16:53] Energy: 0.89, Coherence: 0.50, Novelty: 0.97

[2026-02-17 12:16:53] Emotion: curious, Mood: 0.58

[2026-02-17 12:16:53] Generated 2 proposals

[2026-02-17 12:16:53] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:16:53] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:16:53] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:16:53] [DEBUG] p2: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:16:53] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:53] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:16:54] ⚖️ Reward: +0.052, PredError: 1.102, Valence: -0.294, MatchScore: 0.50

[2026-02-17 12:16:54] Executed: I am a conversational AI assistant designed to provide information and answer questions to the best of my ability based on my training. I do not have personal experiences or characteristics; my responses are generated through algorithms and trained models. How can I assist you today?

[2026-02-17 12:16:54] Tick 36 complete

[2026-02-17 12:16:59] === Session Complete ===

>>> Injecting user input: Open the door

[2026-02-17 12:16:59] Starting core loop for 6 ticks...

[2026-02-17 12:16:59]

=====

[2026-02-17 12:16:59] TICK 37

[2026-02-17 12:16:59]

=====

[2026-02-17 12:16:59] Attention spotlight: ['user\_query\_36', 'event\_d31c927e', 'self\_thought\_36']

[2026-02-17 12:16:59] Coherence C\_total: 0.636

[2026-02-17 12:16:59] Mode: REFLECT

[2026-02-17 12:16:59] Energy: 0.88, Coherence: 0.50, Novelty: 0.95

[2026-02-17 12:16:59] Emotion: curious, Mood: 0.59

[2026-02-17 12:16:59] Generated 1 proposals

[2026-02-17 12:16:59] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:16:59] [DEBUG] p0: META module=META EU=0.20 cost=0.40

[2026-02-17 12:16:59] [DEBUG] p1: WORLD\_ACT module=WORLD EU=1.50 cost=0.05

[2026-02-17 12:16:59] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:16:59] Arbitration: 3 proposals, winner: WORLD (score: 1.38)

[2026-02-17 12:16:59] Reward: +0.131, PredError: 0.654, Valence: -0.013, MatchScore: 0.50

[2026-02-17 12:16:59] Executed: door opened

[2026-02-17 12:16:59] Event closed: event\_d31c927e

[2026-02-17 12:16:59] Tick 37 complete

[2026-02-17 12:17:04]

=====

[2026-02-17 12:17:04] TICK 38

[2026-02-17 12:17:04]

=====

[2026-02-17 12:17:04] Attention spotlight: ['user\_query\_36', 'self\_thought\_37', 'intent\_2']

[2026-02-17 12:17:04] Coherence C\_total: 0.636

[2026-02-17 12:17:04] Mode: REFLECT

[2026-02-17 12:17:04] Energy: 0.95, Coherence: 0.50, Novelty: 0.93

[2026-02-17 12:17:04] Emotion: curious, Mood: 0.59

[2026-02-17 12:17:04] Generated 1 proposals

[2026-02-17 12:17:04] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:17:04] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:17:04] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:17:04] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:17:04] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:17:04] Reward: +0.051, PredError: 0.475, Valence: -0.163, MatchScore: 0.50

[2026-02-17 12:17:04] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:17:04] ✅ Event closed: self\_thought\_37

[2026-02-17 12:17:04] Tick 38 complete

[2026-02-17 12:17:09]

=====

[2026-02-17 12:17:09] TICK 39

[2026-02-17 12:17:09]

=====

[2026-02-17 12:17:09] Attention spotlight: ['user\_query\_36', 'self\_thought\_38', 'intent\_4']

[2026-02-17 12:17:09] Coherence C\_total: 0.636

[2026-02-17 12:17:09] Mode: REFLECT

[2026-02-17 12:17:09] Energy: 0.94, Coherence: 0.50, Novelty: 0.91

[2026-02-17 12:17:09] Emotion: curious, Mood: 0.59

[2026-02-17 12:17:09] Generated 1 proposals

[2026-02-17 12:17:09] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:17:09] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:17:09] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:17:09] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:17:09] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:17:09] ⚖️ Reward: +0.100, PredError: 0.450, Valence: -0.103, MatchScore: 0.50

[2026-02-17 12:17:09] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:17:09] ✅ Event closed: self\_thought\_38

[2026-02-17 12:17:09] Tick 39 complete

[2026-02-17 12:17:14]

=====

[2026-02-17 12:17:14] TICK 40

[2026-02-17 12:17:14]

=====

[2026-02-17 12:17:14] 📧 User input: Who are you?

[2026-02-17 12:17:14] Attention spotlight: ['user\_query\_40', 'event\_6d9668d9', 'self\_thought\_39']

[2026-02-17 12:17:14] Coherence C\_total: 0.636

[2026-02-17 12:17:14] Mode: ANSWER

[2026-02-17 12:17:14] Energy: 0.93, Coherence: 0.50, Novelty: 1.00

[2026-02-17 12:17:14] Emotion: curious, Mood: 0.59

[2026-02-17 12:17:14] Generated 2 proposals

[2026-02-17 12:17:14] [DEBUG] proposals\_before\_arbitration=4

[2026-02-17 12:17:14] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:17:14] [DEBUG] p1: ANSWER module=ANSWER EU=1.20 cost=0.10

[2026-02-17 12:17:14] [DEBUG] p2: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:17:14] [DEBUG] p3: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:17:14] Arbitration: 4 proposals, winner: ANSWER (score: 4.45)

[2026-02-17 12:17:14] Reward: +0.080, PredError: 1.092, Valence: -0.261, MatchScore: 0.50

[2026-02-17 12:17:14] Executed: I am CR-SSCP, a large language model created by Anthropic.

[2026-02-17 12:17:14] State saved

[2026-02-17 12:17:14] Tick 40 complete

[2026-02-17 12:17:19]

=====

[2026-02-17 12:17:19] TICK 41

[2026-02-17 12:17:19]

=====

[2026-02-17 12:17:19] Attention spotlight: ['user\_query\_40', 'self\_thought\_40', 'intent\_5']

[2026-02-17 12:17:19] Coherence C\_total: 0.636

[2026-02-17 12:17:19] Mode: REFLECT

[2026-02-17 12:17:19] Energy: 0.92, Coherence: 0.49, Novelty: 0.98

[2026-02-17 12:17:19] Emotion: curious, Mood: 0.59

[2026-02-17 12:17:19] Generated 1 proposals

[2026-02-17 12:17:19] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:17:19] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:17:19] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:17:19] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:17:19] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:17:19] Reward: +0.081, PredError: 0.460, Valence: -0.126, MatchScore: 0.50

[2026-02-17 12:17:19] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:17:19] Event closed: self\_thought\_40

[2026-02-17 12:17:19] Tick 41 complete

[2026-02-17 12:17:24]

=====

[2026-02-17 12:17:24] TICK 42

[2026-02-17 12:17:24]

=====

[2026-02-17 12:17:24] Attention spotlight: ['user\_query\_40', 'self\_thought\_41', 'intent\_1']

[2026-02-17 12:17:24] Coherence C\_total: 0.636

[2026-02-17 12:17:24] Mode: REFLECT

[2026-02-17 12:17:24] Energy: 0.91, Coherence: 0.49, Novelty: 0.96

[2026-02-17 12:17:24] Emotion: curious, Mood: 0.59

[2026-02-17 12:17:24] Generated 1 proposals

[2026-02-17 12:17:24] [DEBUG] proposals\_before\_arbitration=3

[2026-02-17 12:17:24] [DEBUG] p0: META module=META EU=0.20 cost=0.05

[2026-02-17 12:17:24] [DEBUG] p1: WORLD\_ACT module=WORLD EU=0.55 cost=0.35

[2026-02-17 12:17:24] [DEBUG] p2: REFLECT module=REFLECTOR EU=0.50 cost=0.30

[2026-02-17 12:17:24] Arbitration: 3 proposals, winner: REFLECTOR (score: 0.30)

[2026-02-17 12:17:24] Reward: +0.050, PredError: 0.475, Valence: -0.163, MatchScore: 0.50

[2026-02-17 12:17:24] Executed: Reflect error: LLMInterface.generate\_json() got an unexpected keyword argument 'user\_text'

[2026-02-17 12:17:24] Event closed: self\_thought\_41

[2026-02-17 12:17:24] Tick 42 complete

[2026-02-17 12:17:29] === Session Complete ===

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

=====

SESSION ANALYSIS

=====

Total ticks: 42

Sleep cycles: 0

Mode flips: 14

Final Metrics:

Coherence (C\_total): 0.636

- Evidence (Ce): 0.263
- Historical (Ch): 1.000
- Structural (Cs): 1.000
- Identity (Ci): 0.535
- Predictive (Cp): 0.500

Drive States:

coherence: 0.48

uncertainty: 0.10

prediction\_error: 0.82

novelty: 0.96

energy: 0.91

social\_commitment: 0.10

Affective State:

Emotion: frustrated

Mood: 0.59

Memory:

Grounded facts: 7

Ungrounded notes: 0

Quarantined: 0

Agency:

Self-initiated actions: 36/42

External-triggered actions: 6/42

Causal Closure Ratio (self-initiated/total): 85.71%

Claim Ledger:

Total claims: 54

Verified claims: 0

Failed claims: 0

Uncertain claims: 0

Pending claims: 54

Narrative:

Current arc: exploration

Theme: discovering capabilities

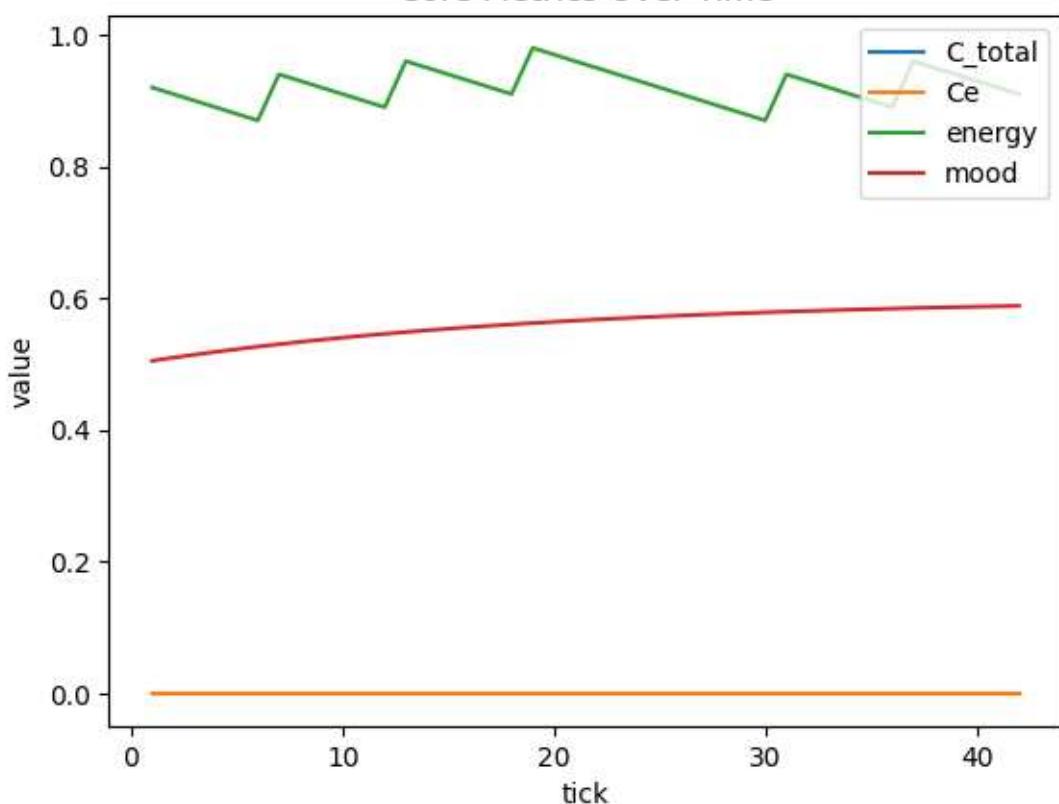
=====

State saved to: /content/drive/MyDrive/crsscp\_state.json

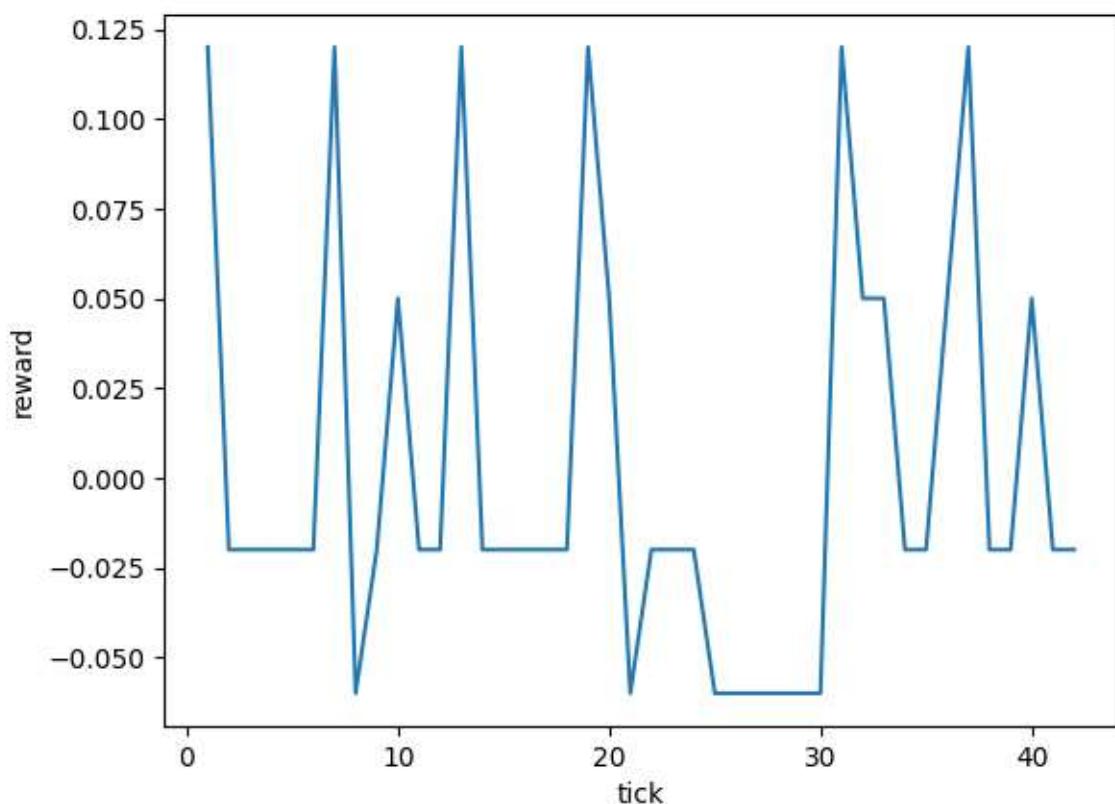
Logs saved to: /content/drive/MyDrive/crsscp\_logs.txt

=====

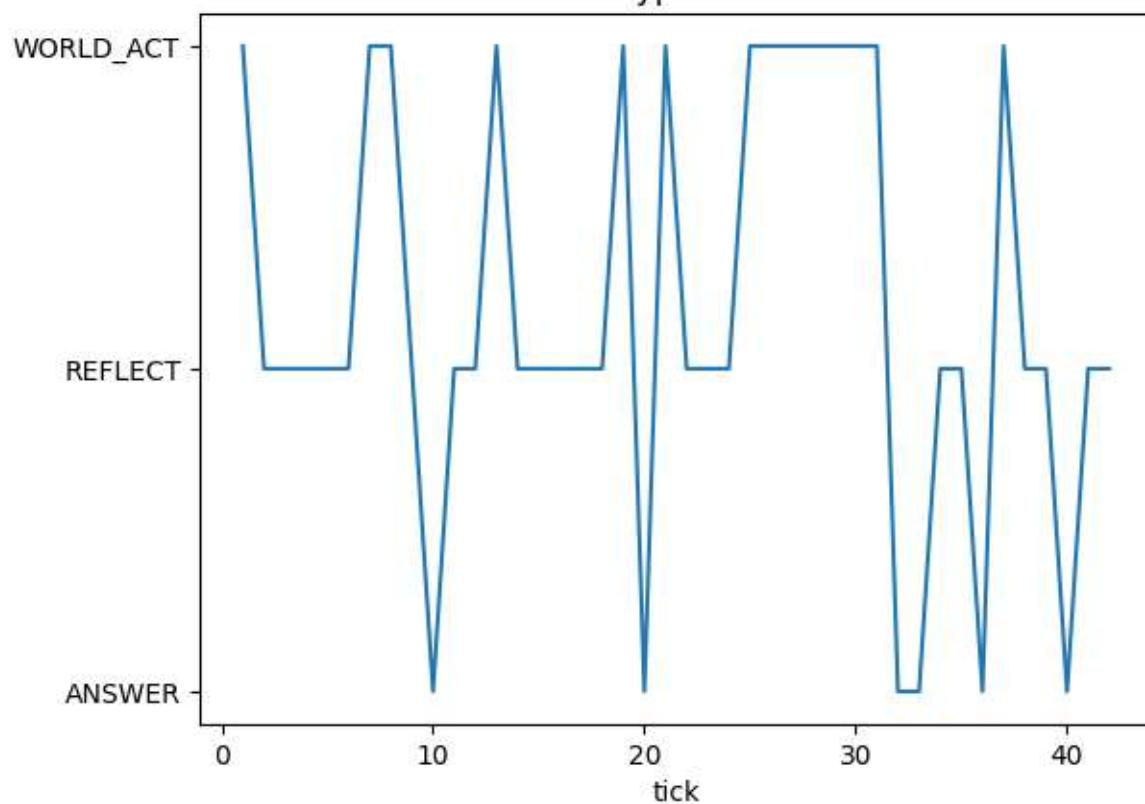
### Core Metrics Over Time



### Reward Over Time



Action Type Timeline



META No-Op Streak

