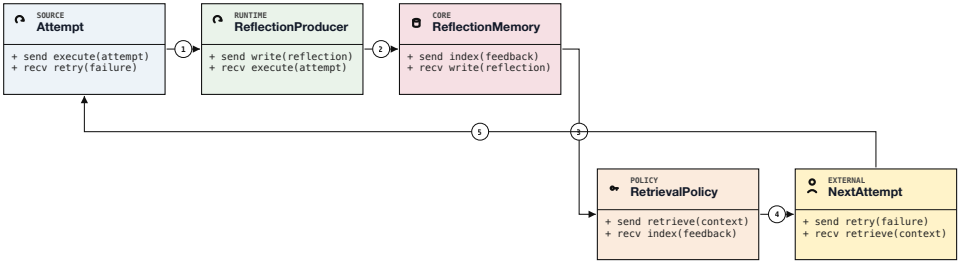
R02 Verbal reflection memory

Reasoning · A² A2/A3 · memory role collaboration

Reuse feedback across attempts.

STRUCTURE · PARTICIPANT COLLABORATION



PATTERN INTERFACE

context
An agent receives feedback that can inform later attempts.

trigger
A failure or critique is verbalized and stored.

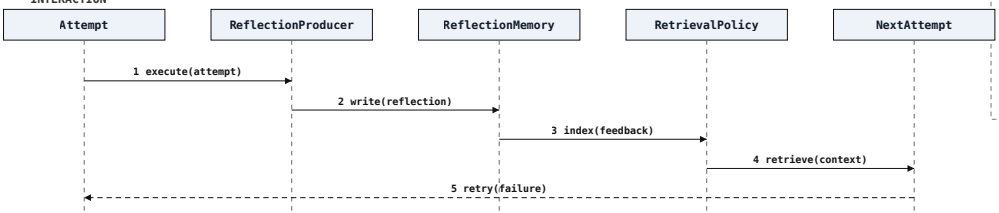
structure
Reflection producer, retrieval key, memory scope, and update policy.

effect
A later attempt retrieves attributable feedback and uses it in context.

CONTRACT ANNOTATIONS

requires	Attempt and feedback identities are linked.
ensures	Retrieved reflection retains source and remains updateable or revocable.
invariant	Reflected explanations are not promoted to verified facts.
violation	Contradictory or poisoned reflections are filtered or explicit.

INTERACTION



MESSAGE TRACE `1 execute(attempt) → 2 write(reflection) → 3 index(feedback) → 4 retrieve(context) → 5 retry(failure)`

Evidence: 1/41 repositories, 1/36 families; 1 trajectories (1 multi-checkpoint); exact audit: 1 supported, 0 unresolved, 0 rejected.

Variation: Reflexion, episodic memory, observational memory, and project notes.

Negative control: A generic conversation history is not a reflection-memory contract.