

Failed execution

○ → ○ → ○ → ⊗

Teacher trace

○ → ○ → ○ → ✓



Source replay



Validated patch

Semantic retrieval

Existing skills



Cross-replay

skill → incoming source
patch → skill sources

Shared mechanism

otherwise

Residual patches



Directed cross-replay

Mechanism assessment

Candidate skill



All proposed sources



Full-scope source replay

✓ **Commit**

All sources

↪ **Split**

Replay subset

⊘ **Reject**

Keep state

(a) Feedback-guided patch induction

(b) Behavioral compatibility grouping

(c) Source-preserving consolidation