

USER INPUT

PHASE 1: ACTIVATE

Signal → Pattern Match → Activation Vector
"stuck" → LOD Dictionary → [0, 0.8, 0, 0, 0, 0.2, 0]

PHASE 2: WEIGHT

activation × expert_weights = weighted_scores
[0, 0.8, 0, 0, 0, 0.2, 0] × [0.15, 0.15, ...] = [0, 0.12, 0, 0, 0, 0.04, 0]

PHASE 3: BOUND

Safety Floors → Homeostatic
Norm → Constitutional Constraints
Protector 0.10 (HARD)

PHASE 4: SELECT

expert = argmax(bounded_scores)
Tiebreaker: lower priority index wins
→ Result: "Decomposer" (expert[1])

PHASE 5: UPDATE (Mycelium)

Outcome (0.0-1.0) → Hebbian Learning → Updated Weights
(for next routing decision)

EXPERT RESPONSE