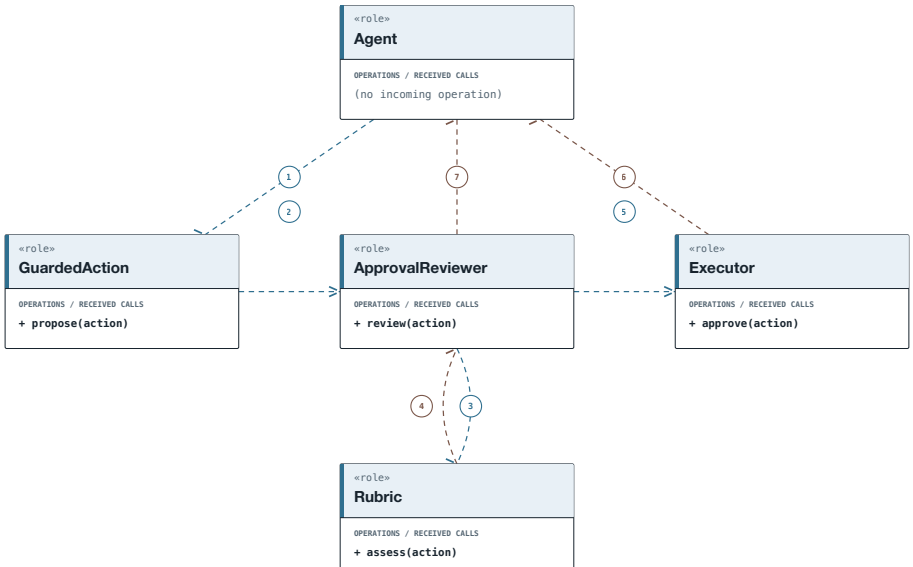
P24 Guardian approval reviewer

Primitive / UML CLASS VIEW / ANALYTICAL MODEL

Review risky proposed actions.

UML CLASS VIEW

dashed arrow: call dependency · brown: return/failure · analytical, not an observed trace



POINTCUT / PATTERN INTERFACE

CONTEXT	A proposed tool action is classified as requiring review.
TRIGGER	Policy requests approval or an automated reviewer detects risk.
STRUCTURE	Review request, reviewer context, decision reason, and approve/reject/escalate path.
EFFECT	The action waits for and executes only after an accepted decision.

CONTRACT / REQUIRED BEHAVIOR

REQUIRES	Proposed action identity, risk context, and authority source are available.
ENSURES	The approval binds to the exact action and records the decision.
INVARIANT	Review cannot silently execute while pending or accept a different action.
VIOLATION	Timeout, reviewer failure, or rejection blocks execution with a typed outcome.

RELATIONSHIPS / ANALYTICAL CALLS

number · caller → callee · message

1 Agent → GuardedAction propose(action)
2 GuardedAction → ApprovalReviewer review(action)
3 ApprovalReviewer → Rubric assess(action)
4 Rubric ↩ ApprovalReviewer verdict(decision)
5 ApprovalReviewer → Executor approve(action)
6 Executor ↩ Agent return(result)
7 ApprovalReviewer ↩ Agent reject_or_escalate()

VARIATION / TEST / NEGATIVE CONTROL

VARIATION	Human prompt, reviewer agent, policy guardian, callback, and resumable interruption.
TEST_OBLIGATION	Test approve, reject, timeout, altered arguments, nested action, and bypass.
NEGATIVE_CONTROL	A post-hoc warning after execution is not an approval gate.