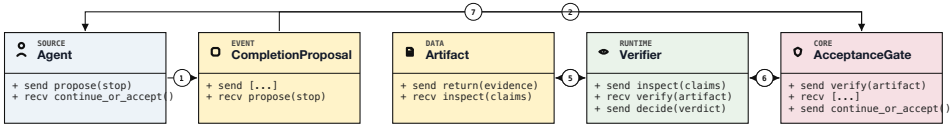
P17 Verify-on-stop guards

Primitive · A² A2 · guard role collaboration

Check artifacts before accepting completion.

STRUCTURE · PARTICIPANT COLLABORATION



PATTERN INTERFACE

context
The agent proposes completion after producing an artifact.

trigger
A stop or finish action is requested.

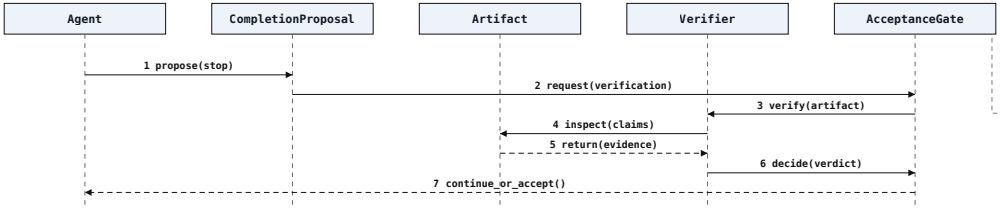
structure
Exit interception, verifier execution, and accept-or-continue result.

effect
The stop is accepted only after the verifier reports sufficient evidence.

CONTRACT ANNOTATIONS

requires	Stop can be intercepted and at least one verification is available.
ensures	Failed verification returns actionable feedback or blocks completion.
invariant	The same acceptance gate cannot be bypassed by another stop path.
violation	Unavailable or flaky verifier yields explicit unknown or failure, not silent success.

INTERACTION



MESSAGE TRACE 1 propose(stop) → 2 request(verification) → 3 verify(artifact) → 4 inspect(claims) → 5 return(evidence) → 6 decide(verdict) → 7 continue_or_accept()

Evidence: 8/41 repositories, 8/36 families; 8 trajectories (3 multi-checkpoint); exact audit: 0 supported, 1 unresolved, 0 rejected.

Variation: Project test commands, acceptance hooks, verifier agents, and blocking policies.

Negative control: Tests run by the user after the run are not verify-on-stop.