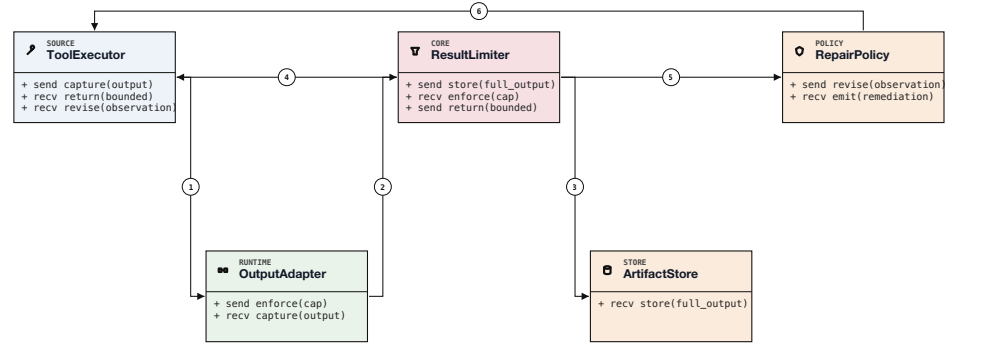
P10 Capped output and remediation errors

Primitive · A² A1/A2 · funnel role collaboration

Bound observations while enabling recovery.

STRUCTURE · PARTICIPANT COLLABORATION



PATTERN INTERFACE

context

A tool or environment can emit output larger than the context allowance.

trigger

Output crosses a size or token cap.

structure

Limit policy, truncation metadata, and access to complete artifacts.

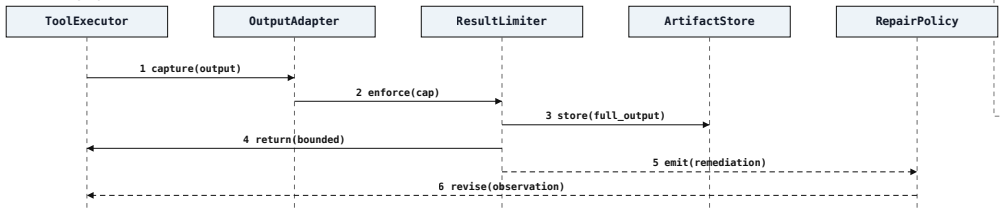
effect

The harness returns a bounded observation with explicit recovery information.

CONTRACT ANNOTATIONS

requires	Output size is measurable and original content remains addressable.
ensures	The consumer knows truncation occurred and can seek the full result.
invariant	Truncation never masquerades as complete evidence.
violation	Oversized or unavailable output returns a typed remediation error.

INTERACTION



MESSAGE TRACE 1 capture(output) → 2 enforce(cap) → 3 store(full_output) → 4 return(bounded) → 5 emit(remediation) → 6 revise(observation)

Evidence: 40/41 repositories, 36/36 families; 40 trajectories (19 multi-checkpoint); exact audit: not sampled.

Variation: Character, line, token, structure-aware caps, summaries, and repair hints.

Negative control: A logging length limit unrelated to agent observations does not count.