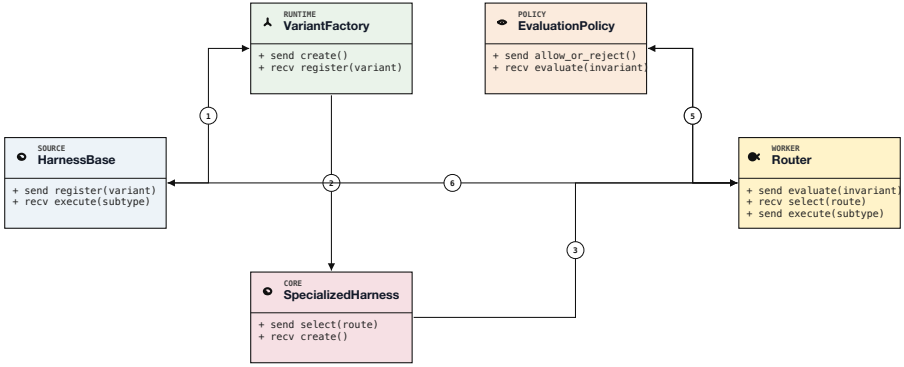
E01 Inheritance and polymorphic routing

Evolution · A² A1/A3 · tree role collaboration

Specialize related harnesses.

STRUCTURE · PARTICIPANT COLLABORATION



PATTERN INTERFACE

context
Harness variants share a base abstraction.

trigger
A base-typed slot dispatches to a concrete implementation.

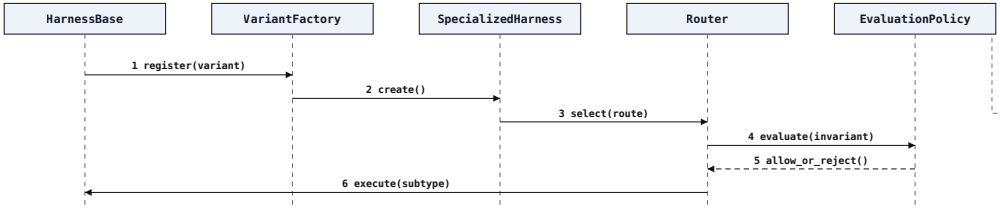
structure
Base interface, overridden behavior, subtype registry, and invariant clauses.

effect
Any accepted subtype honors the base contract at the dispatch boundary.

CONTRACT ANNOTATIONS

requires	The base interface declares substitutable behavior.
ensures	Runtime dispatch reaches the intended specialized implementation.
invariant	Subtype overrides do not narrow required capabilities or violate base obligations.
violation	Unsupported subtype behavior raises or is excluded from the slot.

INTERACTION



MESSAGE TRACE `1 register(variant) → 2 create() → 3 select(route) → 4 evaluate(invariant) → 5 allow_or_reject() → 6 execute(subtype)`

Evidence: 37/41 repositories, 33/36 families; 37 trajectories (17 multi-checkpoint); exact audit: not sampled.

Variation: Class inheritance, interfaces, protocols, and plugin subclasses.

Negative control: A class hierarchy with no harness dispatch does not count.