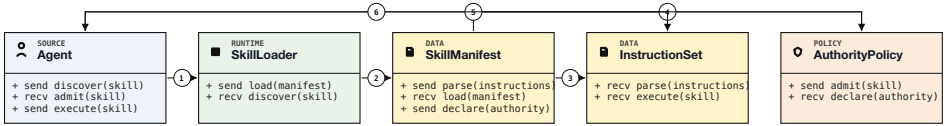
P15 Declarative skills

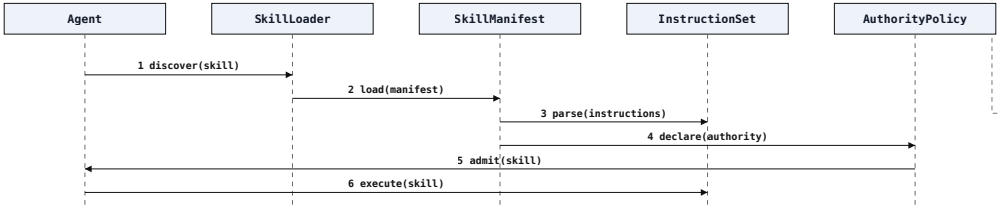
Primitive · A² A1/A3 · registry role collaboration

Package reusable task procedures.

STRUCTURE · PARTICIPANT COLLABORATION



INTERACTION



MESSAGE TRACE `1 discover(skill) → 2 load(manifest) → 3 parse(instructions) → 4 declare(authority) → 5 admit(skill) → 6 execute(skill)`

PATTERN INTERFACE

context
A harness can load task procedures from repository or user artifacts.

trigger
A skill is discovered, selected, or invoked.

structure
Manifest or skill file, provenance, resource bundle, loader, and execution boundary.

effect
Instructions and resources become available with visible source and authority.

CONTRACT ANNOTATIONS

requires	Skill identity and source location are discoverable.
ensures	Loaded content is scoped to a run and stale or conflicting versions are detectable.
invariant	Skill metadata cannot silently grant permissions or replace protected instructions.
violation	Missing, malformed, stale, or unauthorized skills fail explicitly.

Evidence: 33/41 repositories, 30/36 families; 33 trajectories (16 multi-checkpoint); exact audit: not sampled.

Variation: SKILL.md, plugin manifest, remote registry, and namespaced resources.

Negative control: A prompt template string without discovery or resource boundaries is not enough.