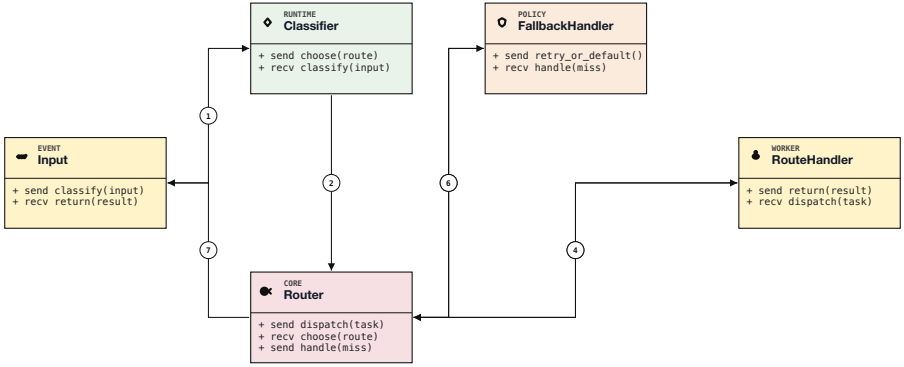
W02 Routing

Workflow · A² A1 · fork join role collaboration

Select a specialized path for an input.

STRUCTURE · PARTICIPANT COLLABORATION



PATTERN INTERFACE

context
Multiple specialized agent or tool paths are available.

trigger
New input must be sent to a destination.

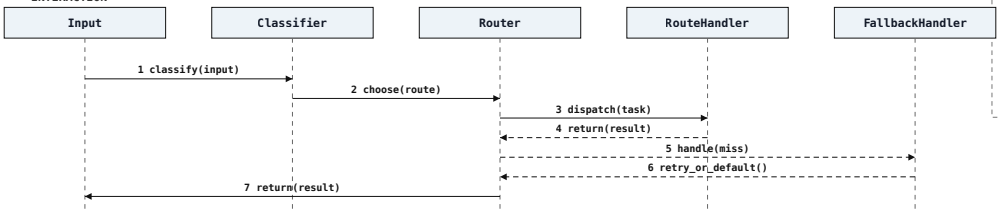
structure
Route schema, classifier or rules, dispatch result, and unsupported case.

effect
One route is selected and its decision is attributable to input evidence.

CONTRACT ANNOTATIONS

requires	Routes have declared capabilities and selection criteria.
ensures	The selected route can handle the input or returns unsupported.
invariant	Dispatch never loses the original request or silently invokes multiple exclusive routes.
violation	Classifier error or ambiguous route has deterministic fallback or escalation.

INTERACTION



MESSAGE TRACE `1 classify(input) → 2 choose(route) → 3 dispatch(task) → 4 return(result) → 5 handle(miss) → 6 retry_or_default() → 7 return(result)`

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

Variation: LLM router, rules, handoff tool, nested graph, and default route.

Negative control: An if statement inside one prompt is not an observable routing contract.