

Cross CLI Compatibility Routing

A lean architecture for making large agent, skill, recipe, and workflow systems smarter, faster, easier to route, and easier to scale.

Start with a tiny bootstrap. Expand only after the right lane is chosen.

Bootstrap: **ROUTING-SLIM.md**

Global Discovery: **capabilities-index.json**

Lanes: **recipe / worker-skill / workflow**

Principle: **expand only as necessary**

What this fixes

Most multi-agent systems get slower and less reliable because discovery, execution, and fallback blur together.

Core rule

The global router decides the lane. The lane-native system decides the exact executor. That preserves deterministic recipe logic and keeps adaptive work adaptive.

Why it scales

New capabilities enter through small manifests, one generated index, and strict boundaries. That reduces drift and keeps context loads small even as the catalog grows.

