

Orchestrating the Multi-Agent Repository

Introducing **SuperSet**: The system-level workspace engine for isolated, concurrent AI coding agents.

v.1.0.0 // Agent-Agnostic Infrastructure

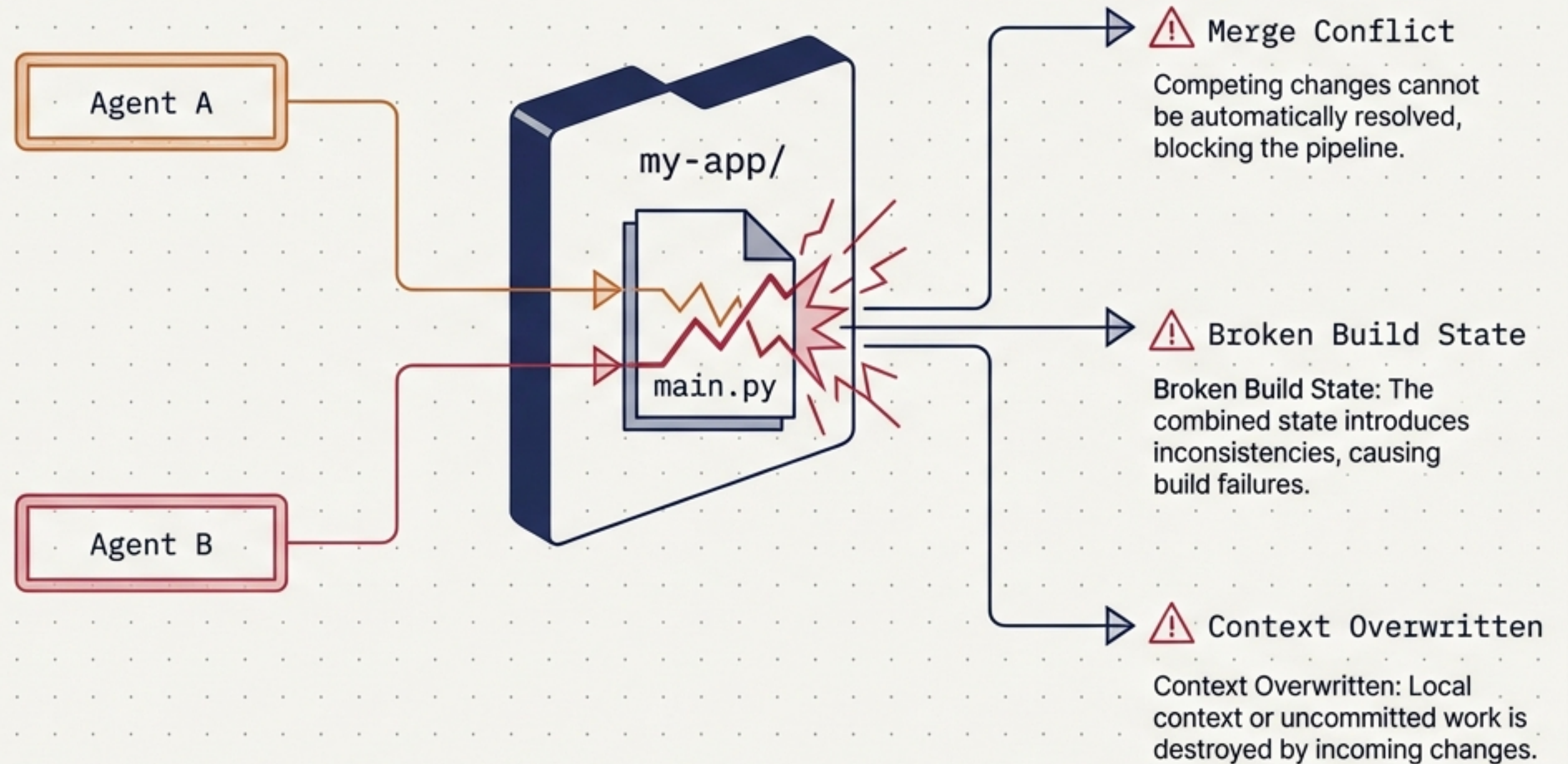


The bottleneck of single-state repositories

Standard repositories force a single working directory bottleneck.

When multiple AI agents or human developers operate concurrently in the same state, they inevitably overwrite context, corrupt builds, and create merge conflicts.

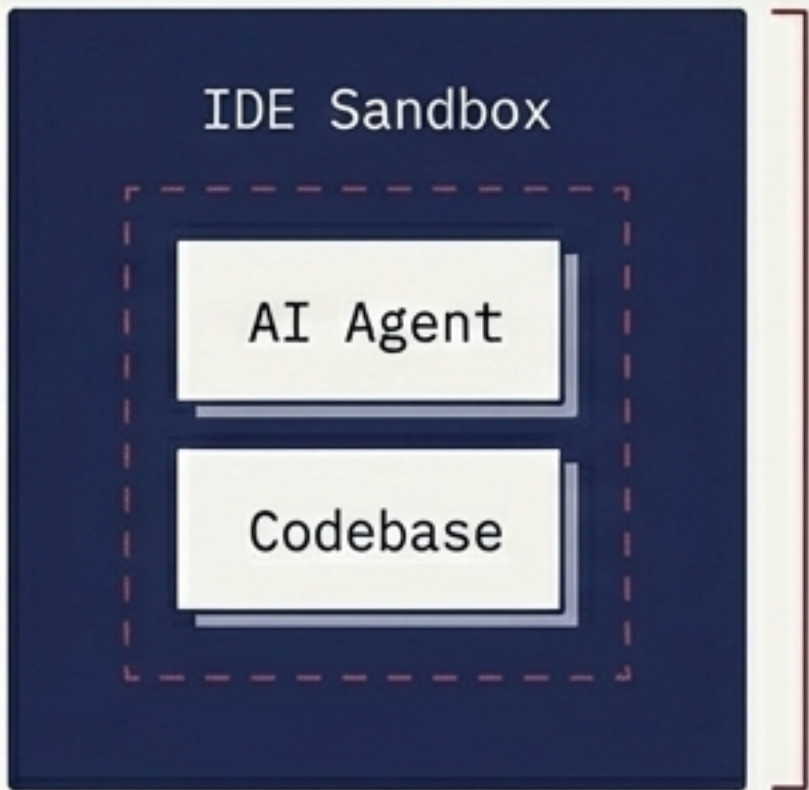
The Collision Diagram



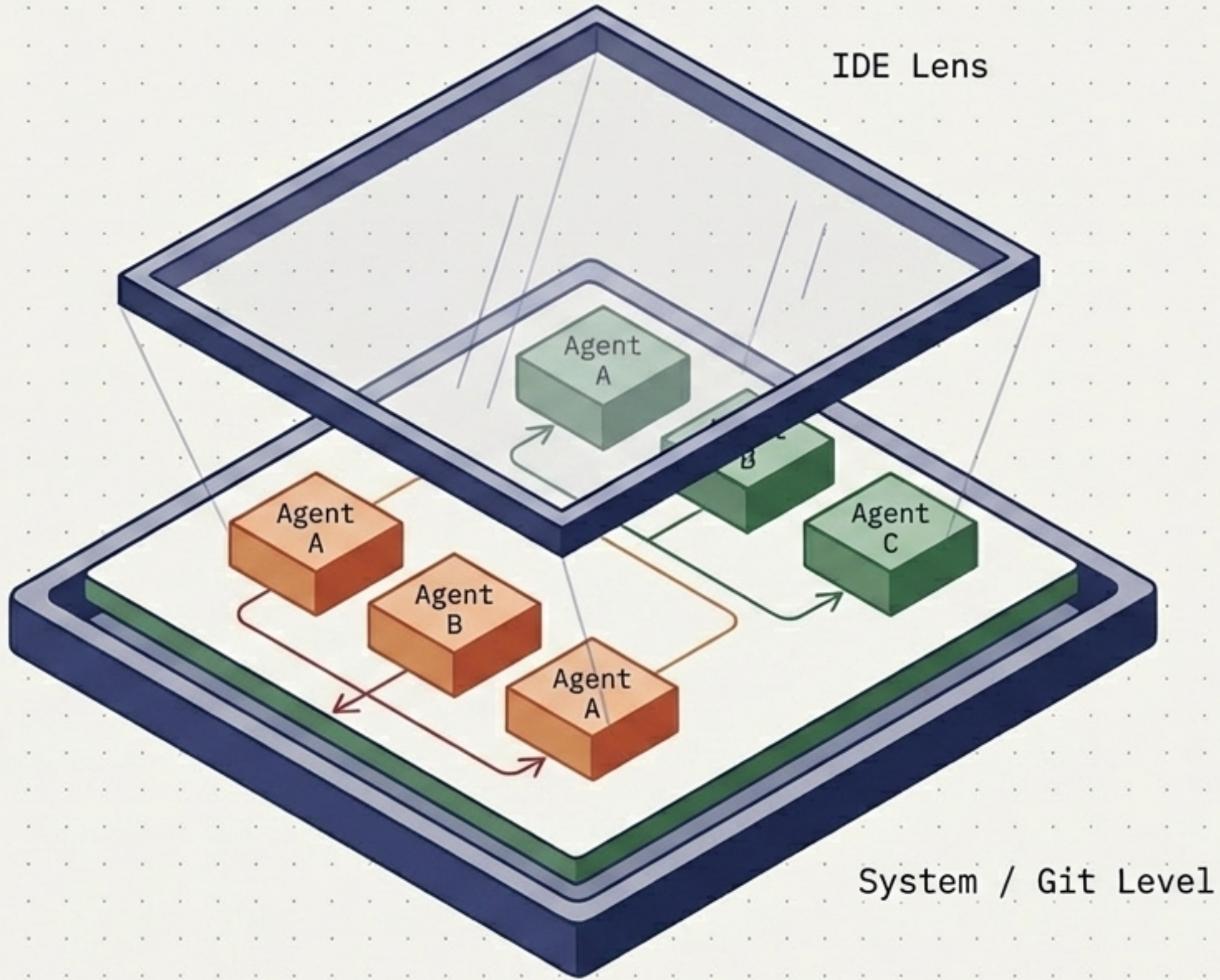
Decoupling the agent from the editor

True multi-agent concurrency requires moving AI out of the IDE sandbox and down to the foundational infrastructure level.

Legacy: Editor-Centric



Future: Workspace-Centric



SuperSet: The agent-agnostic workspace engine

Infrastructure, Not an IDE

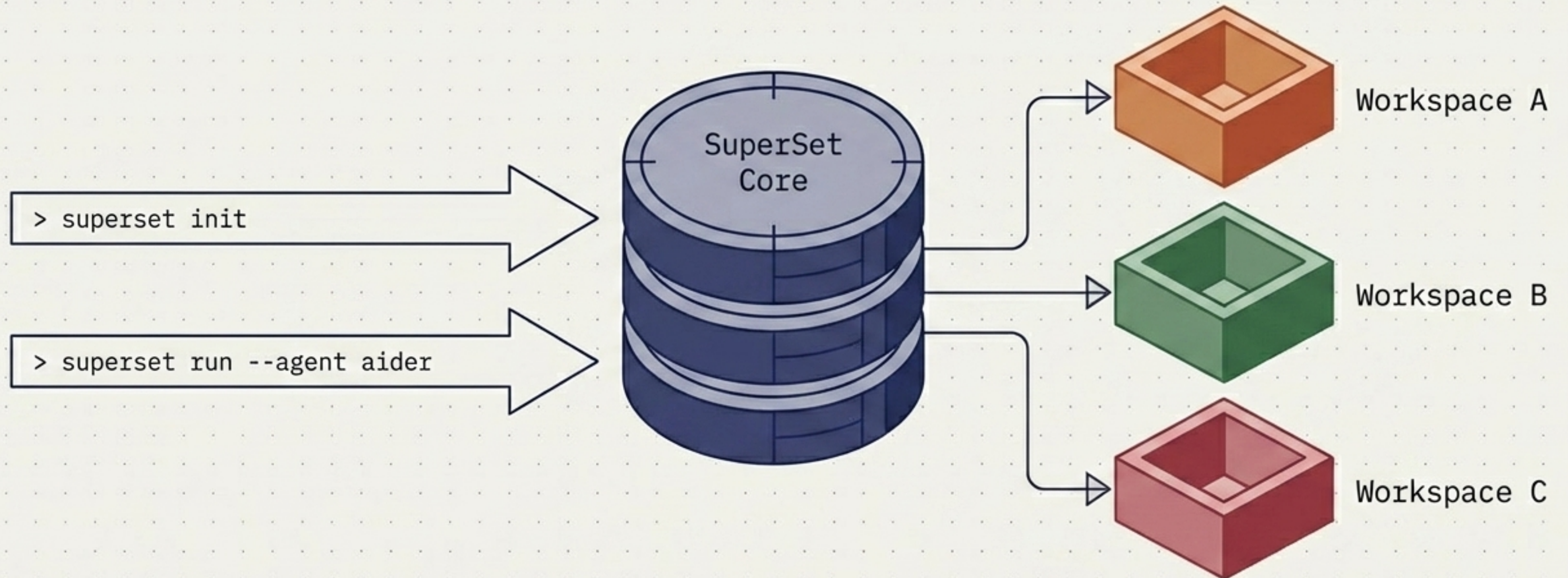
Runs beneath your current tools.

Agent Agnostic

Bring your own CLI agents or sweepers.

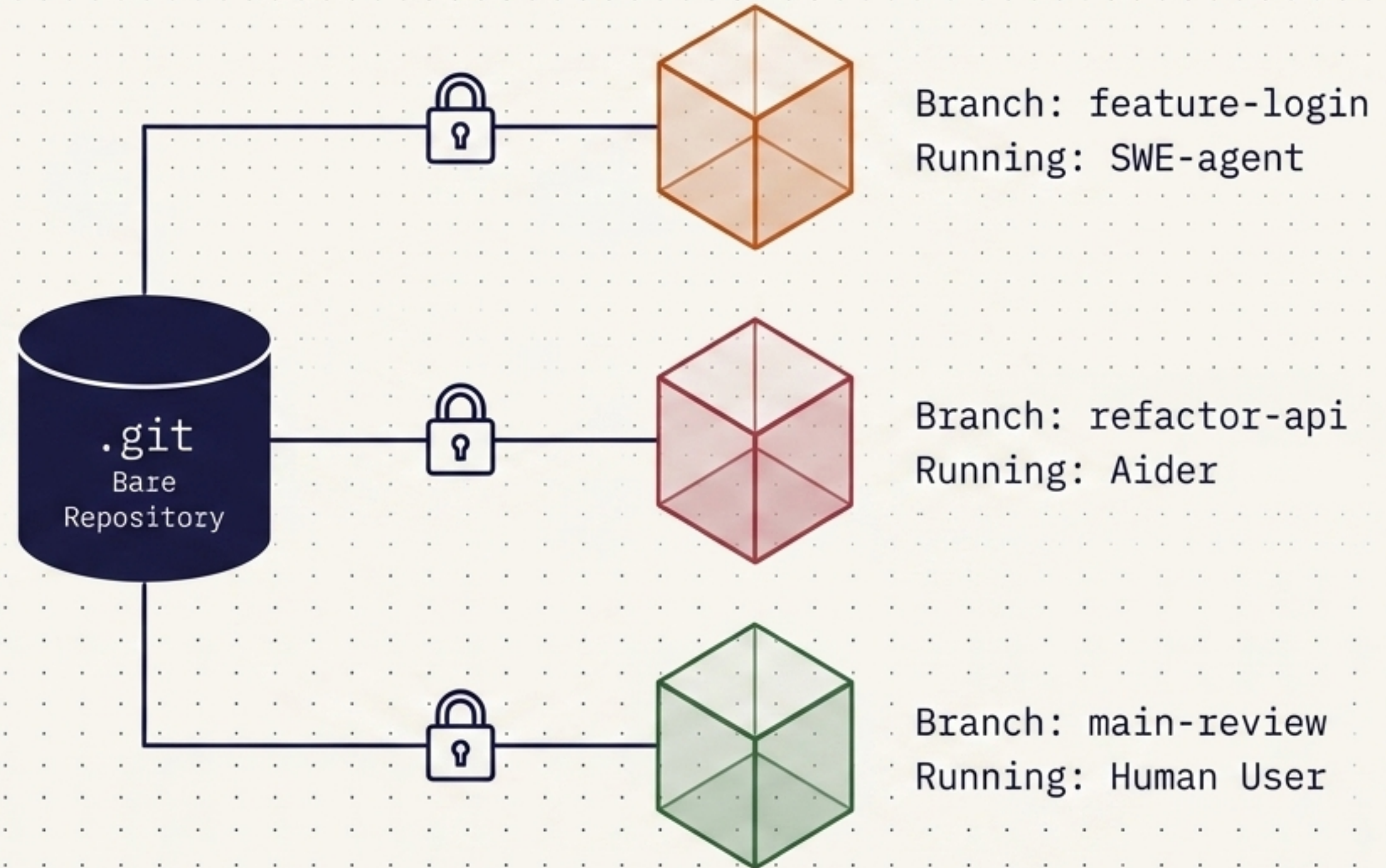
Zero Collisions

100% physical state separation.



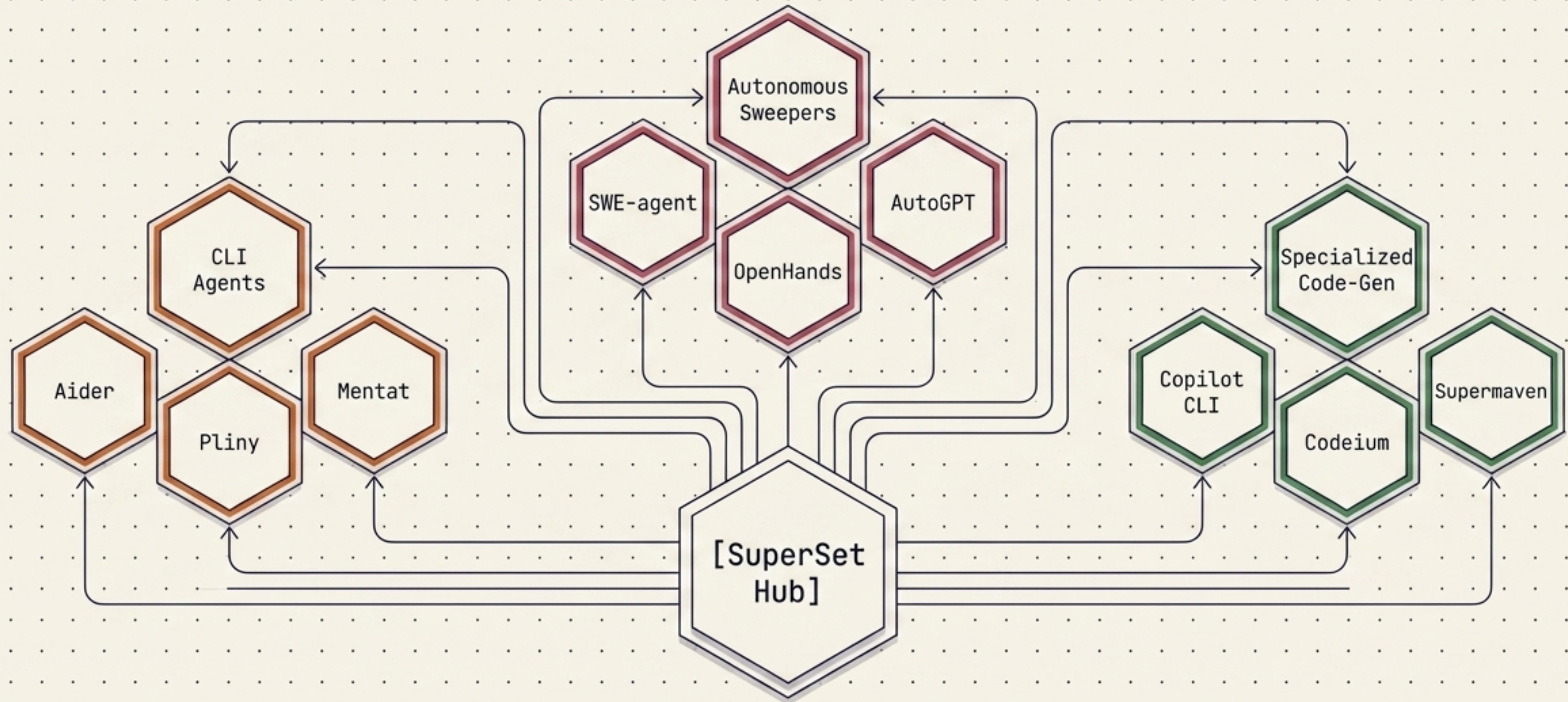
Powered by native Git Worktree isolation

SuperSet leverages a central bare repository to deploy multiple simultaneous working trees. Agents execute on physically separated disk directories, sharing history without corrupting active state.






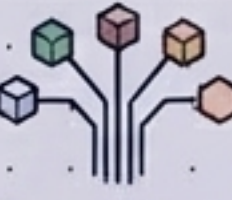


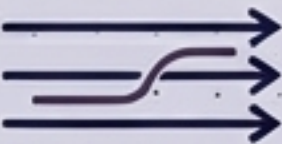


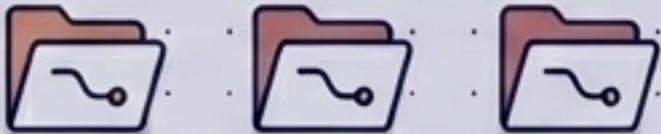

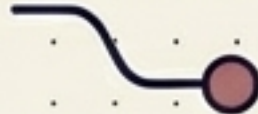
A decoupled, plug-and-play agent ecosystem

Because SuperSet manages the workspace at the system level, you are no longer locked into proprietary models. Swap, test, and run the best agent for the task.



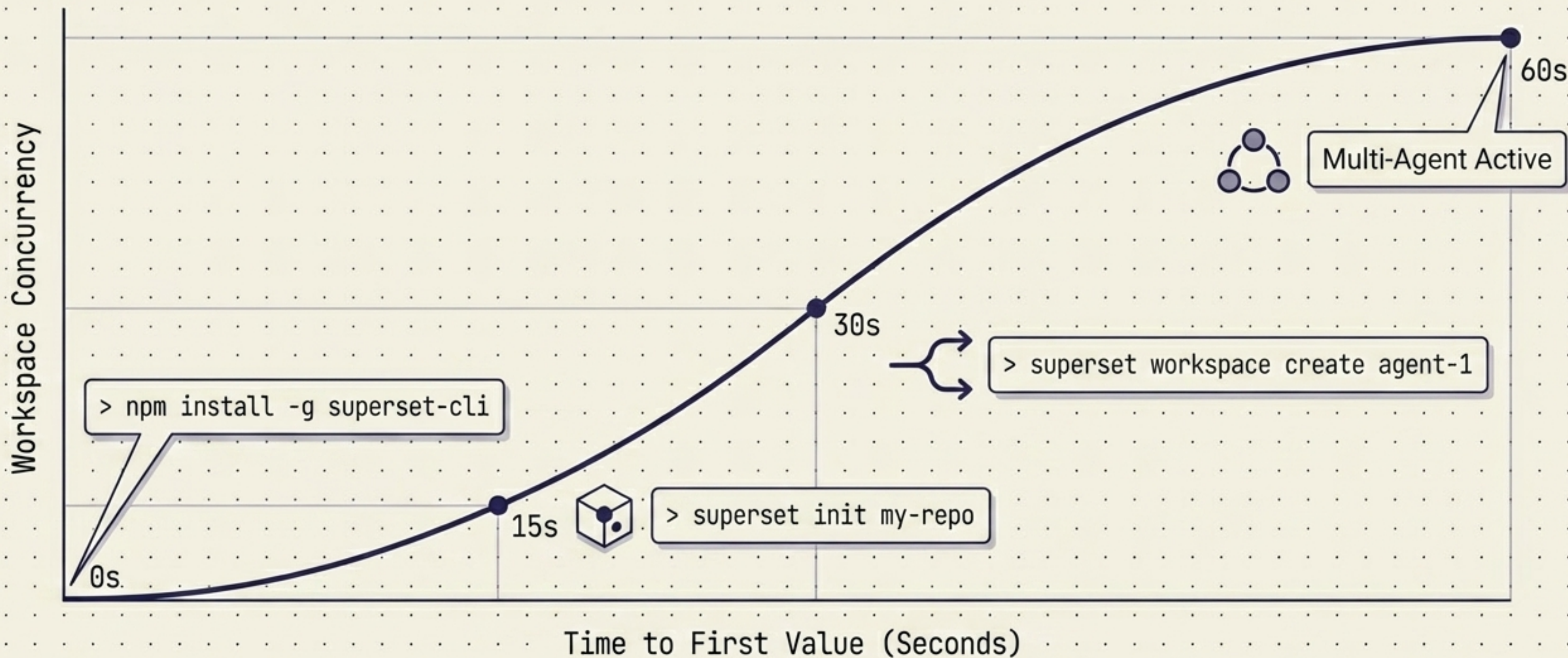
Defining a new infrastructure category

Cursor and Windsurf are excellent text editors. SuperSet is the foundational infrastructure that allows any tool to operate safely at scale.

	SuperSet	Cursor	Windsurf
Architecture	 System-Level Node	 IDE-Bound Box	 IDE-Bound Box
Agent Support	 Agnostic Ecosystem	 Proprietary / Closed	 Proprietary / Closed
Concurrency	 Multi-Track Parallel	 Single-Threaded	 Single-Threaded
State Management	 Isolated Worktrees	 Single Branch	 Single Branch

From zero to multi-agent isolation in under 60 seconds

Designed for zero-friction onboarding. Seamlessly convert existing repositories into isolated multi-track environments.



Deploying your first isolated workspace

One command provisions an entirely new physical directory, checks out a new branch, and initiates the agent. The active IDE workspace is never touched.

COMMAND LINE INTERFACE

```
> superset deploy --agent aider --task  
'migrate auth to OAuth2'  
[SUCCESS] Worktree isolated.  
[RUNNING] Aider initialized on branch  
'feat-oauth' in /worktrees/aider-auth
```

VISUAL DIRECTORY STRUCTURE

```
my-project/  
├── .bare-repo/ (Shared History)  
├── workspace-human/ (Your IDE state)  
└── workspace-aider/ (Agent executing migration)
```

Build the future of concurrent development

```
> npm install -g superset-dev  
> cd your-complex-repo  
> superset init
```

Documentation: docs.superset.dev/architecture

GitHub Repository: github.com/superset/core

Agent Directory: superset.dev/ecosystem

Shift your architecture from IDE-bound to system-level.