

Protocol Hooks (Kotlin/GraalVM)

Protocol Hooks

Enforce organizational protocols and workflows.

LeadGuard (`alai-hooks lead-guard`)

Event: PreToolUse[Write|Edit|MultiEdit]

Protects lead/sales data integrity.

SessionStartContext (`claude-hooks session`)

Event: SessionStart

Injects session context on startup: current task, last session summary, system state, next steps.

SubagentStartContext

Events: `claude-hooks subagent` + `alai-hooks subagent`

Injects context into spawned subagents: core protocol, active task, file ownership, anti-hallucination rules.

Shell Scripts

Script	Event	Purpose
<code>boot-enforcer.sh</code>	UserPromptSubmit	Enforce boot.sh first
<code>user-message-logger.sh</code>	UserPromptSubmit	Log user messages

Script	Event	Purpose
session-cleanup.sh	Stop	Clean temp files
session-ledger.sh	Stop, PreCompact	Record session summary
context-bundle-logger.sh	PostToolUse (async)	Log tool usage
worktree-create.sh	WorktreeCreate	Configure new worktrees

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