MOUSSAIF AGI OS — UNIVERSAL SYNCHRONIZATION & EXPLOITATION GUIDE

==========

Canonical Reference: C:\Users\mouss\OneDrive\Desktop\agentic references of moussaif agi os\MOUSSAIF_OS_UNIVERSAL_SYNC_AND_EXPLOITATION_GUIDE.md

Verified Runtime: MOUSSAIF AGI OS (K1-Hermes, K2-OpenCode, K3-Codex, K4-Claude, K5-Antigravity)

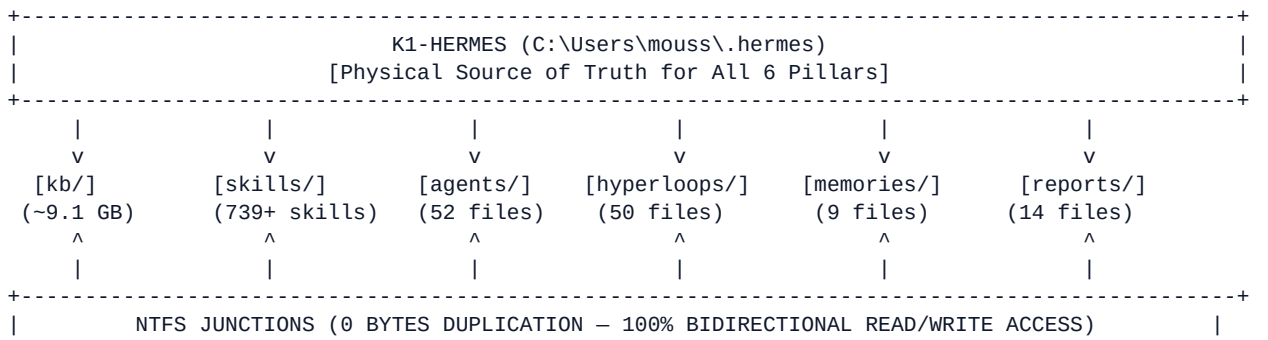
Generated: 2026-07-27T15:15:00+01:00

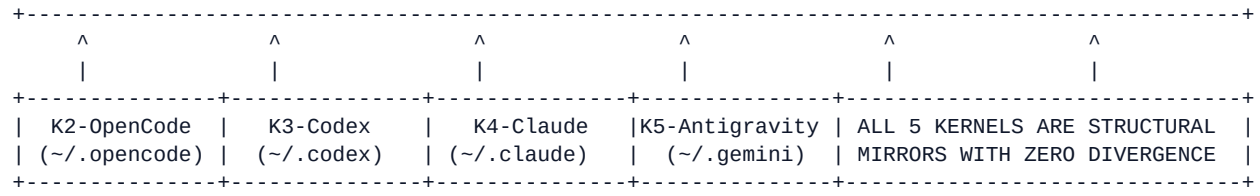
==========

---

1. 100% ZERO-DUPLICATION SYNC ARCHITECTURE (THE 6 PILLARS)

All five agent kernels (**K1-Hermes**, **K2-OpenCode**, **K3-Codex**, **K4-Claude**, **K5-Antigravity**) are now structurally unified via canonical Windows NTFS Junctions pointing directly to C:\Users\mouss\.hermes\<dir> for the **6 core OS pillars**:





---

2. SYNCHRONIZATION AUDIT VERIFICATION MATRIX

| OS Pillar Directory | K1-Hermes (Source) | K2-OpenCode | K3-Codex | K4-Claude | K5-Antigravity | Verified Content Count | Storage Overhead |

|:---|:---|:---|:---|:---|:---|:---|:---|

| **kb/** | Physical | Junction | Junction | Junction | Junction | **20 Thematic Volumes** (~9.1 GB) | **0 bytes** |

| **skills/** | Physical | Junction | Junction | Junction | Junction | **739+ Skills / 300+ HyperSkills** | **0 bytes** |

| **agents/** | Physical | Junction | Junction | Junction | Junction | **52 Files** (20 core, 30 brand, Sub-Minds) | **0 bytes** |

| **hyperloops/** | Physical | Junction | Junction | Junction | Junction | **50 Hyperloops** (HL-01 to HL-50) | **0 bytes** |

| **memories/** | Physical | Junction | Junction | Junction | Junction | **9 Files** (SQLite DB, snapshots, bridges) | **0 bytes** |

| **reports/** | Physical | Junction | Junction | Junction | Junction | **14 Shared Reports** | **0 bytes** |

---

3. HOW TO EXPLOIT THE OS WITHOUT MISCOMPREHENSION

To prevent cognitive bottlenecking, miscomprehension, or incorrect tool usage across kernels, every agent and sub-mind operating in K1–K5 strictly follows these exploitation protocols:

A. How to Invoke Sub-Minds & Brand Agents

1. **Never Assume Missing Agents:** Every agent in K1–K5 can read the canonical definitions in ~/.hermes/agents/index.json and ~/.hermes/kb/MOUSSAIF_15_OS_SUB_MINDS_DEFINITION.json.
2. **Direct Task Routing:** When assigning work to a Sub-Mind (SM-01 through SM-15), reference its canonical Agent ID (e.g., 07-code-forge for Code Forge & Systematic Debugger) or Brand ID (afripa-agent-content).

B. How to Execute Hyperloops (HL-01 to HL-50)

1. **No 0-Byte Dummies:** All 50 Hyperloop files (HL-01-content-production-pipeline.md through HL-50-evolution-laboratory-loop.md) in every kernel are full, actionable Markdown runbooks (~800 bytes each).
2. **Execution Flow:**

• Load the relevant Hyperloop runbook from <kernel>/hyperloops/HL-XX-*.md.

• Verify input state and evidence dependencies before executing steps.

• Record milestone completion in ~/.hermes/reports/shared-system-status.md.

C. How to Access Memory & Knowledge Bases

1. **Always Read via Local Pointer:** Because kb/ and memories/ are Junctions in all kernels, an agent running in C:\Users\mouss\.codex\ can directly read C:\Users\mouss\.codex\kb\afripa-kb\... or C:\Users\mouss\.codex\memories\... without path resolution errors.
2. **Fact Consolidation:** Any memory entry written to memories/ by one kernel is instantly readable by all four other kernels.