

Evidence Registry — Aurora Workflow Orchestration (AWO)

Purpose

The **Evidence Registry** serves as a living index of falsifiability, provenance, and attestation artifacts recorded under AWO.

It complements ADR-0002 (*Evidence Registry Architecture Decision*) and provides a human-readable summary of all evidence objects referenced across runs, ADRs, and governance files.

Each entry links a **claim**, **artifact**, and **verification record**, establishing a traceable chain of custody for reproducible research.

Registry Structure

Field	Description	Source
Evidence ID	Unique hash or run-scoped identifier	Generated per run
Claim / Hypothesis	The proposition under evaluation	Falsifiability Manifest
Artifact Path	File containing empirical or reasoning evidence	<code>/runs/<id>/</code>
SHA-256 Hash	Integrity checksum of the artifact	<code>SHA256SUMS.txt</code>
Origin Role	Role responsible for producing the evidence	Run manifest
Verification Role	Role confirming validity	<code>approval.json</code>
Status	Pass / Fail / Pending	Attestation log
Linked ADRs	Relevant decision records	<code>/decisions/</code>
Timestamp (UTC)	When evidence was registered	Run metadata

Example Entry

“`yaml evidence_id: EVD_2025-10-31_001 claim: “Entropy growth predicts horizon expansion” artifact_path: runs/run_2025-10-31T00-00-42Z/report.md sha256: “ce8d3ac26f97f391f00a61223b034cdc822d114e23 origin_role: Synthesizer verification_role: Auditor status: PASS linked_adrs: [0002, 0012, 0015] timestamp: 2025-10-31T03:12:00Z`”