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	`/runs/<id>/`
SHA-256 Hash	Integrity checksum of the artifact	`SHA256SUMS.txt`
Origin Role	Role responsible for producing the evidence	Run manifest
Verification Role	Role confirming validity	`approval.json`
Status	Pass / Fail / Pending	Attestation log
Linked ADRs	Relevant decision records	`/decisions/`
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
```