

# Evidence\_Registry

## 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.

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### Registry Structure

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

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### 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