

# 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                  |
|---------------------------|-------------------------------------------------|-------------------------|
| <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            |

---

## 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: "ce8d3ac26f97f391f00a61223b034cdc822d114e23ba381b70ee7601de9e9206"
origin_role: Synthesizer
verification_role: Auditor
status: PASS
linked_adrs: [0002, 0012, 0015]
timestamp: 2025-10-31T03:12:00Z
````
```