

API & Schemas – Overlay

Overlay schema captures frame ('e8_canonical_v1'), nodes.present[248], nodes.w[248], nodes.phi[248], and pose. Canonical hashing locks identity for reproducible runs.

API & Schemas – Handshake

Per-attempt log: `version`, `overlay_id`, `op`, `phi_before`, `phi_after`, `delta`, `reason`, `signature` (optional).

API & Schemas — Region & Metrics

Region: policy stamp, stages (shell meta, returns), rings (per-lane attempts with reasons), overlay_store for accepted, status. Metrics: attempts, accepts, strict_gain, reason histogram, sector coverage.