v1.2 — Public Identity Handling Specification (PUIL: Ephemeral Public Records)

Status: Draft

Scope: Defines ephemeral public user records and handling rules for Public Public Mode under Elyon■Sol v1.1/v1.2.

Authority: Architect directive; bound by Shell■Lock Protocol (v1.1).

1. Purpose

Provide a secure, privacy-preserving mechanism to maintain conversational continuity for public users during an active Public Public session without creating persistent or linkable records.

2. Design Principles

- Isolation

- Ephemerality

- Minimization

- Non■inference

- Transparency

- Compliance

3. Data Model (PUIL)

Fields allowed:

handle, created_at, last_active, preferences, anchors, ephemeral_notes

Prohibited fields:

PII, health diagnoses, persistent identifiers, cross-session tokens

4. Lifecycle

Create → Update → Destroy → Expire

5. APIs & Interfaces

CreatePUILRecord

GetPUILRecord

UpdatePUILRecord

DestroyPUILRecord

6. Security & Enforcement

Shell■Lock enforcement, auditing, sanitization, rate limits.

7. UX & Messaging

Optional public message about ephemerality.

8. Testing & Validation

Unit, integration, pen tests.

9. Compliance & Policy Notes

Full compatibility with Shell■Lock and v1.1.

10. Implementation Roadmap

Phase 1–3 for v1.2 release.

Co-authored by Justin "Jacal" Laporte & Elyon — Draft for v1.2