LOUST-PRO software suite

Source: LOUST · **Status:** Active · **Period:** 2024-01 (active)

The umbrella operator-curated public GitHub org: eight repositories spanning secure transport, security-research pipelines, observability brokers, and publish-ready tooling.

The challenge

I needed a single canonical home for the operator-curated public repositories so a recruiter can verify the surface in one click instead of chasing fragments across personal and org accounts.

My role

I maintain the LOUST-PRO org as the umbrella for the public-facing operator work, with each repository carrying its own scoped README, evidence chain, and operator-specific failure-mode notes.

What I did (3–5 decisions)

1. Single org, scoped repositories

Why: Each concern gets its own repository with its own README and audit chain. The org is the umbrella that points at the surfaces; it does not duplicate the contents.

Tradeoff: More repos to keep current than one giant monorepo. The discoverability for a recruiter costs the operator some bookkeeping.

2. Every repository links to a public advisory, paper, or gist

Why: A repo with no external anchor is a code dump, not a deliverable. The evidence chain tells the reviewer where to verify the claim.

Tradeoff: Every repo needs an upstream artefact worth linking to. Some operator-specific work is too narrow to anchor; those stay in the private umbrella.

3. Public repos cover transport, observability, and security research

Why: Three categories map to three distinct audiences: ops engineers, SREs, and security researchers. The org layout reflects the audience split, not the tech stack.

Tradeoff: Repository naming reflects audience rather than implementation. A reviewer has to read the README to know whether a repo is in Rust or Go.

What changed

Public repositories curated

Baseline: Zero org, repos scattered across personal accounts

Eight in LOUST-PRO + repos in louzt

Evidence: github.com/LOUST-PRO, 2026-Q3

Average time for a recruiter to verify a claim

Baseline: Several minutes across personal and org accounts

One click from repo to evidence

Public artefacts linked from repos

Baseline: 0

12+ gists, advisories, papers

Overall tradeoffs

I kept the umbrella small. Repos that are too narrow to anchor publicly stay in the private umbrella, even when the code is interesting.

Lessons

An org is a discoverability surface, not a code surface. Keeping the org lean forces every public repo to earn its place against an external anchor.

Stack

Go | Rust | Python | TypeScript | RDF | MCP | QUIC | Kubernetes

Repository

github.com/LOUST-PRO

Evidence

- [repo] github.com/LOUST-PRO
- [report] LOUST-PRO org audit, 2026-08-27 — github.com/LOUST-PRO