

Relyper Executive Summary

Jonas Esser

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Overview

Relyper preserves, organises and makes citable the web's valuable content. It combines permanent archival, lightweight link management, and a curated public directory designed for long-term reference stability.

Core Capabilities

- **Permanent Snapshots:** Immutable archives of webpages, articles, documents and AI conversations.
- **Stable Identifiers:** Hosted permalinks plus domain-independent Global Reference Identifiers (GRIs).
- **Curated Public Directory:** Categories, tags, ratings and popularity metrics for discovery.
- **Lightweight Bookmarks:** Fast link saving without archival, upgradable to snapshots later.

Curated Directory: Canonical vs. Variants

- **Canonical entries:** Featured in the directory (`directoryFeatured=true`), no `parentLinkId`.
- **Variants:** Public sub-entries linked via `parentLinkId`; optional `variantKind` (e.g. `subpage`, `article`).
- **Listing behaviour:** Default directory shows canonicals; variants are accessible via a Variants modal and API (`/public-links?parentId=<id>`) and can be included via filter.
- **Benefit:** Clean main directory without flooding; complete resolvability retained.

Identifiers and Portability

Each snapshot receives:

- A hosted permalink (e.g. `https://relyper.de/r/abcd1234`)
- A **Global Reference Identifier (GRI)**, domain-independent and stable for citations

Citations may include both permalink and GRI to remain resolvable even if hosting changes.

Safety, Privacy, and Revalidation

- AI-driven privacy and legality checks prior to archival.
- Continuous revalidation of public links; unsafe or broken entries are flagged or downgraded.
- Server-side click tracking with deduplication for analytics and abuse prevention.

Data Residency and Security (EU-first)

- Core service data stored in German/EU data centres.
- TLS in transit; provider encryption at rest.
- Bcrypt password hashing, RBAC permissions, audited administrative operations.
- Encrypted backups retained in-region only.

Tiers Overview

- **Free:** Basic bookmarking and limited archival.
- **Pro:** Increased archival capacity and priority revalidation.
- **Team:** Multi-user collaboration, shared taxonomies, moderation tools.
- **Enterprise:** SSO (SAML/OOIDC/Microsoft 365), advanced admin controls, residency attestations, export tooling.

Integrations

- Optional buttons in AI frontends (e.g. “Archive this conversation in Relyper”).
- Reverse proxy hosting alongside AI UIs is supported.

Contact

- Website: <https://relyper.de>
- Sales & Enterprise: sales@relyper.de
- Support: support@relyper.de

For deeper technical details, an extended concept document is available on request (with selective redactions where needed).