Lumatic Knowledge Library

VERSION 2.0 | COMPLETE DOCUMENTATION SET

A practical guide to installing, using, organising, backing up and restoring your local-first resource library.

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PRODUCT SUMMARY

Lumatic Knowledge Library is a standalone, browser-based resource library. It stores data locally in the browser, supports built-in and custom resource types, and creates a self-contained JSON backup that includes attachment data.

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Quick Start Guide

Get Lumatic Knowledge Library v2.0 running and create your first organised resources

What you need

The single-file Lumatic_Knowledge_Library_v2-0.html application, a current desktop browser with JavaScript enabled, and a folder where you can keep the application and backups. Normal local use does not require an account or network connection.

Start in five steps

- 1. Save the HTML application in a known folder. Keep it separate from your JSON backups.
- 2. Open the HTML file in a current desktop browser. Wait for the database status to report that the local database is ready.
- 3. Review the left RESOURCE panel. All resources shows the complete collection. Parent categories can be expanded or collapsed to reveal their subcategories.
- 4. Select a category or subcategory to view its resources. Use + Category to create a parent category; use the + control beside a parent to add a subcategory.
- 5. Select + Add Resource, complete the resource details and save. Choose the appropriate resource type and destination.

The first backup

Use Backup Library in the top header. Choose a recognisable filename and save the JSON file somewhere separate from the application, preferably on another storage device as well. The backup is the portable copy of your Library data.

Copying a prompt

Open the required prompt resource and use its COPY action. The prompt text is copied to the clipboard. Switch to the application where you want to use it and paste. Lumatic does not automatically send prompts to another application.

Everyday use

Browse through the left panel, use search and filters to locate resources, and use the resource actions to open, edit, favourite or move items. Create subcategories when a parent category contains enough material to benefit from further organisation.

Important safety point

Create a backup before restoring an older backup or making major organisational changes. Restore replaces the current Library; it does not merge records.

Installation & Setup Guide

Browser requirements, first launch, local storage and safe setup

Application format

Lumatic Knowledge Library v2.0 is supplied as a single HTML file containing its interface, styling and application code. It is designed for local-first use. No installer, account, server or cloud service is required for normal local operation.

Requirements

Use a current desktop browser with JavaScript and browser storage enabled. Keep the HTML application and JSON backup files in folders you can find. The Library uses browser IndexedDB for category and resource records; custom resource type definitions are stored in browser localStorage.

First launch

Open the HTML file in the browser. The application opens its local database. Wait for the database-ready status before using the Library. A new or empty Library creates a protected HOLDING category automatically.

Where the data lives

The Library data belongs to the browser profile and local application origin. It is not automatically synchronised between devices or browser profiles. Opening the application in a different browser profile may show a different Library.

Recommended initial setup

Create a small number of parent categories. Add subcategories only where they improve navigation. Add one test resource, close and reopen the application, and confirm it remains. Then create a JSON backup and store it separately.

Protect your data

Clearing browser site data, resetting a browser profile or using private browsing can remove local data. The HTML file is not a backup. Keep regular JSON backups outside the browser.

Complete User Guide

How to organise, create, find, edit, move and protect Library resources

1. Understanding the workspace

The top header contains Backup Library, Restore Library and Add Resource Type. The left RESOURCE panel remains visible and contains All resources and the category tree. The main work area displays the selected resources, search and filters, and the Add Resource action.

2. Parent categories and subcategories

The Library supports two category levels: parent categories and subcategories. Use the expand/collapse control beside a parent to show or hide its subcategories. Select All resources to see the collection, a parent category to see resources assigned directly to it and its category context, or a subcategory to view resources assigned there. The structure is intentionally limited to two levels.

3. Creating and managing categories

Use + Category to create a parent category. Use the + control beside a parent to create a subcategory. Category settings allow category details to be changed, including its parent relationship where applicable. Existing subcategories can be reassigned to another parent. HOLDING is protected.

4. Resources

Choose a category or subcategory and select + Add Resource. Enter a resource name, choose its resource type and destination, complete the fields and save. Resource names are required. Use the resource actions to open, edit, favourite or move a resource.

5. Moving resources

Choose Move on a resource and select a destination category or subcategory. Confirm the move. The resource record and its content are retained; only its category assignment is changed.

6. Built-in resource types

PROMPT: Objective, Prompt text and Variables / placeholders. AI SKILL: Purpose, Inputs, Instructions and Outputs. PROCEDURE: Purpose, Prerequisites, Numbered steps and Expected results. DOCUMENTATION: Description, Version and Document content.

7. Custom resource types

Use Add Resource Type in the header to create an additional resource type for material that does not fit the built-in templates. The custom type uses Description and Content fields and appears in the resource editor and type filter.

8. Attachments

Resources can include attachments. Attachments are stored with the resource and included in complete JSON backups. If an attachment's original file data is unavailable, backup validation may stop rather than silently omit it.

9. Copying prompts

The COPY action copies the prompt text to the clipboard. It is a manual copy-and-paste workflow; it does not open or communicate directly with another application.

10. Search and filters

Use the search box and resource type, sort and favourites controls to narrow the displayed resources. Clear filters to return to the normal view. Search scope is based on the fields indexed by the application and should not be treated as a guaranteed full-text search of every possible attachment.

Features Reference

A concise reference to the visible features and resource types

Navigation and categories

RESOURCE panel; All resources; expandable parent categories; subcategories; category counts; category creation; subcategory creation; category settings; parent reassignment; HOLDING.

Resource controls

Add Resource; resource editor; resource type selection; favourite status; open/view; edit; move to another category or subcategory; COPY for prompt text.

Resource types

PROMPT — objective, prompt text, variables/placeholders. AI SKILL — purpose, inputs, instructions, outputs. PROCEDURE — purpose, prerequisites, steps, expected results. DOCUMENTATION — description, version, document content. Custom resource types — description and content.

Finding resources

Search; resource type filter; sorting; favourites filter; clear filters.

Data protection

Backup Library creates a complete JSON backup. Restore Library validates and replaces the current Library from a selected JSON backup. Restore is replacement, not merge.

Storage

Category and resource records are stored in browser IndexedDB. Custom resource type definitions are stored in localStorage. Attachments are included in JSON backups as encoded data.

Workflows & Practical Examples

Repeatable ways to build, use and maintain a useful Library

Workflow A — Build a subject library

Create a parent category such as Photography. Add subcategories such as Black & White, Architecture, Astro and Portrait. Add prompts to the appropriate subcategory. Keep general resources directly in the parent only when that placement makes sense.

Workflow B — Reorganise an existing category

Open the settings for the existing subcategory. Change its parent category to the new parent and save. The subcategory's resources remain assigned to that subcategory. Check the new location in the left panel.

Workflow C — Move a resource

Open the resource's Move action. Choose the destination category or subcategory. Confirm the move and check that the resource appears in the destination.

Workflow D — Use a prompt elsewhere

Open the prompt, select COPY, switch to the target application and paste. Review the pasted text before using it. The clipboard may be replaced by a later copy operation.

Workflow E — Regular backup

Choose Backup Library. Save the JSON with a date or meaningful description. Keep at least one copy outside the device. Verify that the file exists and has a sensible size.

Workflow F — Restore after a problem

First preserve a backup of the current Library if it is still accessible. Select Restore Library, choose the intended JSON backup, read the replacement summary and confirm only if replacement is intended. Check categories, resources, custom types and attachments after restore.

Resource Management Best Practices

Naming, category design, HOLDING and resource quality

Design the category tree

Use parent categories for broad subjects or work areas. Use subcategories for meaningful divisions within those subjects. Avoid creating a subcategory for every individual prompt. Two levels are supported; do not plan deeper nesting.

Choose clear names

Use short, recognisable category names. Prefer consistent terms and spelling. Avoid creating near-duplicate categories whose differences are unclear.

Use HOLDING deliberately

HOLDING is the protected place for resources that have not yet been assigned to a suitable category. Review it periodically and move resources into the appropriate parent category or subcategory.

Write useful resource names

Name a resource by its purpose or outcome rather than a vague label such as New Prompt. Include a version or subject qualifier when it helps distinguish similar items.

Choose the right resource type

Use PROMPT for reusable prompt text, AI SKILL for repeatable instructions or capabilities, PROCEDURE for ordered steps, and DOCUMENTATION for reference material. Use custom types only where the built-in templates do not fit.

Keep content maintainable

Use clear headings and structured fields. Explain placeholders and inputs. For procedures, state prerequisites and expected results. Review outdated content and mark version information where relevant.

Back up before restructuring

Create a JSON backup before large moves, category deletions or restores. Keep a dated copy so that a previous arrangement can be recovered.

Tips & Maintenance

Practical habits, performance and data protection

Daily habits

Use the category tree rather than creating many overlapping categories. Use search and filters before creating duplicate resources. Use COPY for prompt text rather than manually selecting partial text.

Periodic housekeeping

Review HOLDING; remove genuine duplicates; update outdated resource versions; check category names; and move resources into the correct subcategories.

Backup routine

Back up after substantial additions or changes and before a restore. Store backups separately from the HTML file and, where possible, keep a second copy on another device or secure storage location.

Browser care

Avoid clearing site data for the browser profile used by Lumatic unless you have a verified backup. Avoid private browsing for routine use because local data may not persist in the expected way.

Performance

Large attachments increase backup file size and may take longer to encode and restore. Keep attachments relevant and avoid unnecessary duplicates.

Version discipline

Keep the frozen v2.0 application file unchanged. Test future versions separately and retain the v2.0 file and a known-good JSON backup until the new version is accepted.

Troubleshooting & FAQs

Common problems, safe checks and recovery guidance

The Library does not finish opening

Check that JavaScript is enabled. Close other open Lumatic tabs that may be holding the database, then reload. Use a normal browser profile with site storage enabled.

My resources are missing

Check All resources, parent categories and expanded subcategories. Clear search and filters. Confirm you are using the same browser profile and application origin as before. If still missing, do not create replacement records immediately; check for a known-good JSON backup.

A subcategory is in the wrong place

Open its category settings and change its parent category. Save and confirm that it appears beneath the intended parent. Resources assigned to that subcategory should remain with it.

A prompt does not copy

Check that the browser permits clipboard access in the current context. Try the COPY action again and paste into a plain text field to verify. If clipboard access is blocked, open the resource and copy its text manually.

Backup fails

Check browser storage availability and attachment data. A backup should not silently omit attachment contents. If an attachment cannot be included, inspect the affected resource and reattach the original file where necessary before retrying.

Restore warning

Restore replaces the current Library. Cancel if you are unsure. Make a backup of the current state first, then verify that the selected JSON file is the intended backup.

Does Lumatic synchronise between computers?

No automatic synchronisation is provided. Use a JSON backup to transfer a Library deliberately between supported browser environments.

Does restore merge two Libraries?

No. Restore replaces the current categories and resources with the contents of the selected backup.

Where are my custom resource types?

Custom resource type definitions are stored in browser localStorage and included in the complete JSON backup. Use the same browser profile or restore the complete backup.

Technical Reference

Storage model, category relationships, backup structure and restore behaviour

Application architecture

The application is a single HTML document containing markup, CSS and JavaScript. It runs locally in a modern browser and does not require a server for normal use.

Browser storage

IndexedDB database name: LumaticKnowledgeLibrary. Database version: 1. Object stores: categories and resources. Custom resource type definitions are stored separately in localStorage.

Category model

Categories have unique IDs. Parent categories have no parentId; subcategories reference their parent through parentId. Resource records refer to their assigned category through categoryId. The user-facing hierarchy is limited to two levels.

Resource types

Built-in types: PROMPT, AI SKILL, PROCEDURE and DOCUMENTATION. Custom types are separately defined and use Description and Content fields.

Backup structure

The complete JSON export contains a format marker, schemaVersion, appVersion, exportedAt, manifest counts, resourceTypes, categories and resources. Attachment content is encoded as Base64 data within the JSON export.

Backup validation

The application validates the JSON structure, required arrays, identifiers, category references, resource type definitions and attachment data/size before replacement. A failed validation should leave the existing Library unchanged.

Restore semantics

Restore is a replacement operation, not a merge. After confirmation, custom types are written to localStorage and category/resource records are replaced in an IndexedDB transaction. The application checks restored counts.

Known limitations

No cloud synchronisation, accounts, multi-user access, resource version history or merge/append restore. Browser storage remains tied to the browser profile and local application origin.

Release Notes — v2.0

Release identity, confirmed changes, tested behaviour and known qualifications

Release identity

Product: Lumatic Knowledge Library. Release: v2.0. Release date: 22 November 2026. Application format: single-file HTML. Backup format: complete self-contained JSON.

Version 2.0 baseline

v2.0 is the renamed and frozen stable baseline of the successfully tested v1.8.3 application. The version bump establishes v2.0 as the official development starting point; it does not represent a separate redesign of the tested functionality.

Category structure

Two-level category organisation: parent categories and subcategories. Parent categories expand and collapse. Existing subcategories can be reassigned to a different parent. Resources can be moved between category destinations. HOLDING is retained.

Prompt handling

The former Send to Lab handoff has been removed and replaced by COPY. COPY places prompt text on the clipboard for the user to paste into another application. No automatic Lab integration is required.

Interface

The left RESOURCE panel is retained as the persistent navigation area and set to 325 px wide. The main work area uses the remaining available width.

Preserved functionality

The four built-in resource types, custom resource types, attachments, local-first storage and complete JSON backup/restore are retained.

User test status

The user confirmed: All tests successful. v2.0 is therefore designated the frozen stable baseline.

Development rule

Do not modify v2.0 unless the user explicitly requests a change. Future development must start from the v2.0 baseline.

Qualifications

The application does not provide cloud synchronisation, multi-user access, version history or merge restore. The browser's local storage is not a substitute for a separate JSON backup.