

Local Library (Books & Articles) - One Page Guide

Local-only browser app for storing books, articles, tags, and optional PDFs/covers. Generated on February 23, 2026.

What it is

A single-file website you run locally that stores a personal library. Each entry can include title, authors, source/container, year, URL, DOI, tags (hashtags), notes, and optional attachments.

Where your data lives

All data is saved inside your browser using IndexedDB (local storage). Nothing is uploaded to any server. Use Export for backups or moving your library to another browser/computer.

Tip: Switching browsers or clearing site data can remove your library unless you export first.

Core features

- Add/edit entries with tags like #ecological #cwa #game.
- Search across metadata, tags, and notes.
- Filter by clicking tags in the sidebar; click again to clear.
- Toggle List view vs Grid view (best for cover images).
- Attach a PDF and open it in a new tab.

Import options (GPT-driven workflow)

To auto-populate entries, have GPT output citation metadata as CSL-JSON and import the file.

- **Import Item File** (and the Drag & Drop zone) adds NEW entries from: CSL-JSON (.json), BibTeX (.bib), RIS (.ris), or PDFs (.pdf).
- **Drag & Drop** is the same as Import Item File - drop files onto the header zone to add NEW entries quickly.
- **Import Library** restores/merges a full library backup produced by this app's Export button (for moving devices or recovery).

Export and backup

Export downloads a JSON backup of your library metadata. Exports omit PDF/cover blobs by default to keep the file small.

Limits and next upgrades

PDF metadata extraction is best-effort (filename is often used as title). Future upgrades: a paste box for CSL-JSON/BibTeX/RIS and an optional 'attachments included' export (ZIP).