

CAIRN Quick Start Guide

Welcome to **CAIRN** the Collaborative AI Artifact Record & Notation standard.

This guide walks you through the essential tools and workflow to view and validate CAIRN-compatible metadata.

Tools Overview

1. Viewer `tools/viewer-highlighted.html`

- Drag and drop a `.jsonld` file to view it with syntax highlighting
- Helps users and reviewers inspect content clearly
- No installation needed works in any modern browser

2. Validator `tools/validate.html`

- Validates CAIRN artifacts against the official schema
- Shows valid or detailed error messages if somethings wrong
- Uses AJV JSON Schema validator in-browser

3. Schema `spec/schema.json`

- Defines the structure and constraints for valid CAIRN documents
- Follows JSON Schema Draft 7

Example Artifacts

You can start by inspecting and validating sample files from the `/examples` folder:

- ``cairn-basic.jsonld`` Simple document authored by a human
- ``cairn-multiai.jsonld`` Collaboration between a human and multiple AIs

These files include fields such as:

- ``@context``, ``@id``, ``@type``
- ``prov:wasAttributedTo`` human or AI agents
- ``cairn:originalText`` and ``cairn:normalizedText``
- ``cairn:artifactState``, ``cairn:version``, ``cairn:language``

How to Use the Tools

Step 1: Open the Viewer

1. Navigate to ``tools/viewer-highlighted.html``
2. Drop or upload a ``jsonld`` file
3. Scroll and inspect the structure with highlighting

Step 2: Open the Validator

1. Navigate to ``tools/validate.html``
2. Drop or upload a ``jsonld`` file
3. Wait for result:
 - Valid JSON-LD message
 - Or detailed validation error list

Works Offline

All tools are self-contained and work without internet access. You can email them, host them locally, or include them in training kits.

Feedback & Contribution

We welcome improvements! Feel free to:

- Suggest enhancements to the viewer or schema
- Submit new examples from your domain
- Raise GitHub issues or fork for PRs

Together, we can ensure AI content remains transparent, verifiable, and accountable.

Return to [\[README.md\]\(../README.md\)](#) for project overview