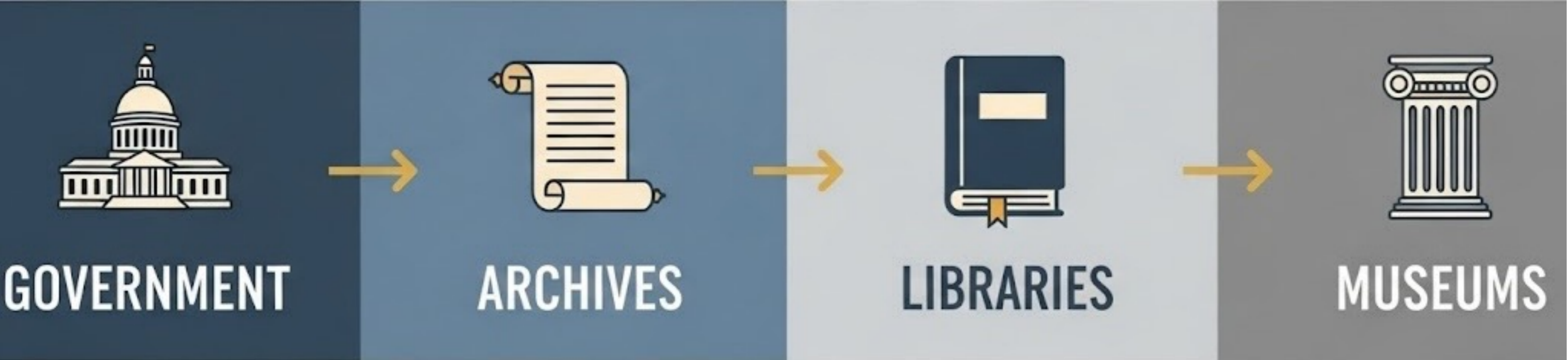


PDF Days Europe 2025



C2PA for G + LAM

G+LAM Working Group Membership

The Library of Congress has organized a working group that is examining possible roles that C2PA might play in documenting provenance and establishing authenticity for government records, library collections, archival holdings, and and museum collections. The G + LAM working group includes members from the Library of Congress (LC), FADGI Federal Agencies Digital Guidelines Initiative AV Working Group National Archives and Records Administration (NARA), California Digital Library (CDL), National Geographic Society (NGS), New York Public Library (NYPL), and Massachusetts Institute of Technology (MIT).

Project Summary

We are reviewing the currently defined Actions Assertion in the C2PA specification with a goal to identifying how they might be used in digital preservation workflows, especially with diverse content types. Included in this work is an explainer about how to use the assertion to describe digital preservation processes, mappings to related standards and efforts, suggested controlled vocabulary and examples. Key deliverables includes a gap analysis for potential custom assertions, action assertion templates, and example user stories.

User Stories

The G + LAM working group’s user stories reflect selected diverse and complex needs from the digital preservation community. These user stories are shared with C2PA and may help identify good practice as well as potential gaps in resources.

3. Accessioning and Processing

3.1. How can C2PA be leveraged in the acquisition process if incoming content already has C2PA?

As a collection acquisition manager, I want to be able to review the ownership assertions in a C2PA manifest from a new collection from a photojournalist so that I can trace the provenance of a digital file that I am considering acquiring or have already acquired for my institution to better understand ownership status. The photojournalist is a member of [National Press Photographers Association](#) and implements C2PA as a [part of their regular workflow](#).

- 3.1.1. C2PA resource/reference: [4.2.4. Illustrative Scenarios for the use of Soft Bindings: 1. Recovery from stripping of metadata](#)
- 3.1.2. Keywords: provenance; chain of custody

Action Assertion Templates

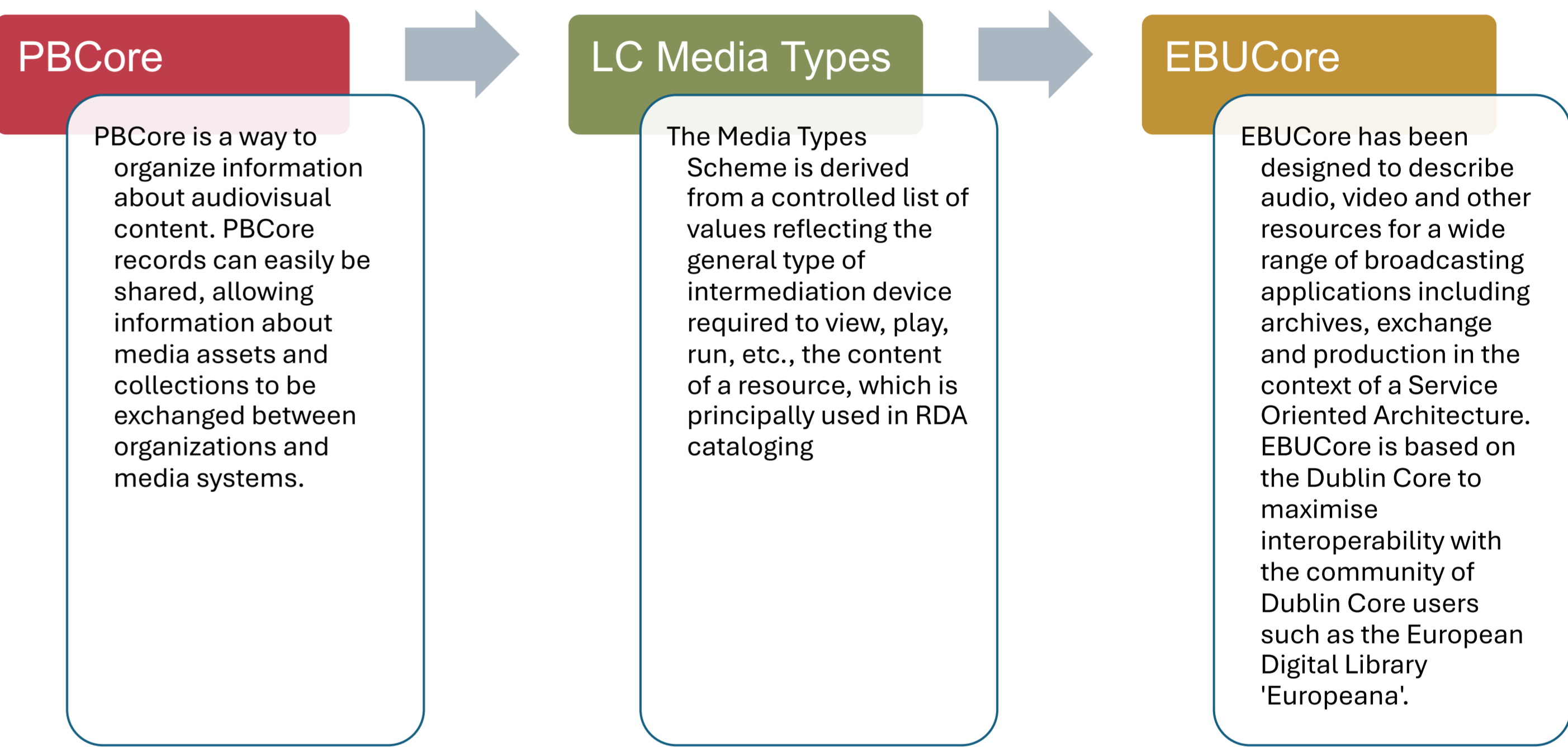
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Explainer

c2pa.assertionName Assertion name according to the C2PA specification.	
C2PA definition	The definition of the assertion according to the C2PA specification
Digital Preservation Application	How to interpret the assertion for use in digital preservation workflows. In most cases, this aligns with the C2PA definition but in some cases, there's a modification of the C2PA use. This is clearly identified when an alternative or modified use is suggested.
Requirement	<div>FADGI develops guidelines and models of good practice but it is not a formal standards-making organization. Therefore, it does not have the authority to declare that conformance is required or mandatory. FADGI's documents include a tiered approach to adherence.</div> <ul style="list-style-type: none">Strongly recommended (SR) If the Working Group had the authority to do so, these would be "required."Recommended (R) Important information to capture and retain but not essentialOptional (O) Good to retain if there are tools and use cases to support
Suggested values/controlled vocabulary for specific descriptive fields	In some cases, FADGI has suggested controlled vocabulary for assertion descriptive fields, especially digitalSourceType. This can simplify and standardize data entry which allows for improved integration and data validation.
Example	Example of how the data might be structured and organized as well as the level of detail provided
Mapping to related standards	<p>Where is this data stored in related standards such as PREMIS, EBU – TECH 3285: Specification of the Broadcast Wave Format (BWF), EBU Technical Recommendation R98-1999 Format for the <CodingHistory> field in Broadcast Wave Format files, BWF, AES standards, Dublin Core, et al.</p> <p>The goal is to help people understand that there might be duplicates of this data elsewhere so they can decide if they want to include the data in a C2PA manifest and if so, how/if to keep it in sync with it elsewhere and which would take precedence if it gets out of sync.</p>
Notes	Additional notes as needed.

Controlled vocabularies for digitalSourceType

To identify options for existing controlled vocabularies for the digitalSourceType field to augment those already identified in the specification (specifically <https://cv.iptc.org/newscodes/digitalsourcetype/>). Focus will be on resources for non-image/print content types including audiovisual, GIS and more.



Still to Come...

Mapping Action Assertions to User Stories

An ad-hoc group of C2PA G+LAM participants have been working on developing a model for mapping the activities identified in the user stories to specific action assertions, using two user stories as examples (5.1 - Digital Certification and 5.2 - Redaction). They will share their model with the larger group to provide a template for reuse by other user story contributors.

White Paper

We will assemble a working group to examine how AI systems impact the content integrity and provenance needs for the LAM community. AI introduces novel modes of generating, modifying, and organizing heritage collections. C2PA may provide one possible avenue for authenticating and documenting AI impact, but are there others? A working group will develop a framework for evaluating C2PA, while also identifying collaborative opportunities, ongoing work, and concerns that will result in a white paper proposing high-level recommendations to guide future developments.