

Content-updates Signaling and Alerting Protocol (CUSAP)

Proposed Metadata Package for Alerts

Draft October 2024, subject to change

Introduction

The metadata package provides notification about an update to a published scholarly work (e.g. an article published in a journal). A metadata package should include information that: describes the update notification, identifies the original document that is the subject of the update, identifies the update notice document (if applicable), and identifies the updated version arising from the update to the original document (if applicable). This metadata package should be useful in variety of situations:

- A document is updated in place (possibly with a description of the updates included in the document itself).
- A separate document is published that describes updates to the original document (e.g. a statement of retraction). Update notices should not be paywalled.
- A document is published as a new version of the original document and the original and updated versions have different citation metadata, and both versions may be available.
- Any combination of the above.

Metadata

The metadata fields for describing the update notification are:

- Update type (retraction, correction, new_version, etc.) using a controlled vocabulary (see table below)
- Date of the update notification (this will usually be the same date as the updated document electronic publication date)

The metadata fields for describing the documents that are part of the update notification are the same for each document (original, update notice, updated document). Including information about the original document is required as that is the subject of the update and the only way to identify what is being updated. Information about the update notice document should be included if one is published. Information about the new version of the document should be included if different from the original document. The metadata fields for describing a document (a journal article or other scholarly work) are as follows. Most of the fields are optional but should be included if available.

- DOI persistent identifier (required). If the article has no DOI, then it is out of scope for this first implementation of CUSAP. This is the DOI of the original document.
- DOI persistent identifier of the update notice (optional)
- DOI persistent identifier of the updated document (optional) - this is in the case that the original document has been republished/updated under a new DOI.
- Work Title (required)

- List of contributors. Include the first contributor or the complete list of contributors if possible.
 - o Full Name
 - o ORCID
 - o Institutional affiliation(s), including ROR or other unique identifier
 - o Indication of first contributor
 - o Indication of corresponding contributor
- Publisher Name
- Publication source (series)
 - o Journal title
 - o Publication source identifier (e-ISSN)
- Volume
- Issue
- Start page, article number or eLocationId
- Date of publication (The recorded electronic publication date for the referred document per publisher practice)
- Version (JAV stage + semantic version number) - see new draft [NISO JAV Recommendation](#) (public comment period closed - final version expected early 2025)
- Update Description: optional free text detailing the reason for the notification update beyond the update type.

Update Types

Group	Update Type	Definition	Phase
Additional Material	addendum	An addendum has been made to the content	1
	clarification	A clarification was done.	1
	peer_review_added	A peer review report was added to the content.	2
Modifications	correction	The content had a correction/corrigendum/contributor update made	1

	erratum	The content had an erratum/publisher update made.	1
	new_version	There is a new version or edition of the content. Note: a new_version may represent a significant or minor change. This update type could be guided by the NISO JAV RP expected in 2025.	1
	bibliographic_metadata	The bibliographic or citation metadata has been updated; for example: a contributor name change or correction to spelling; assignment of volume, issue, and page numbers.	2
Status Changes	partial_retraction	There was a partial retraction notice issue made to the content.	1
	expression_of_concern	An expression of concern was made/published for this content.	1
	removal	The content was removed from circulation. A withdrawal is categorized as removal.	1
	retraction	A retraction was issued/published for the content.	1
	republishing	The content was republished after a removal/retraction.	2