







Collection	Author tag	Title tag	Abstract tag
NEX (IEEE)	fm/au	fm/tig/atl	fm/abs
Berkeley	Fld100 Fld700	Fld245	Fld500 (<i>rarely</i>)
compuscienc	author	title	abstract
Bibdbpub	author altauthor	title	abstract
dblp	author editor	title booktitle	None
ncibib	author	title	abstract
qmulcspub	AUTHOR EDITOR	TITLE	ABSTRACT

Issues with Element Retrieval for Heterogeneous Retrieval



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• Conceptual Issues (user view)

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- To actually specify structural elements for retrieval requires that the user know the structure of the items to be retrieved
- As the number of DTDs or schemas increase this task becomes more complex for both specification and for understanding
- For "real world" XML retrieval, specifying structure effectively requires omniscience on the part of the user
- The collection itself must be specified in some way (can the user know all of the collections?)

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 Users of INEX can't do correct specifications for even one DTD...













Dublin Core Elements



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- Title
- Creator
- Subject
- Description
- Publisher
- Other Contributors
- Date

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• Resource Type

- Format
- Resource Identifier
- Source
- Language
- Relation
- Coverage
- Rights Management

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Subject and Keywords

• Label: SUBJECT

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 The topic of the resource, or keywords or phrases that describe the subject or content of the resource. The intent of the specification of this element is to promote the use of controlled vocabularies and keywords. This element might well include scheme-qualified classification data (for example, Library of Congress Classification Numbers or Dewey Decimal numbers) or scheme-qualified controlled vocabularies (such as Medical Subject Headings or Art and Architecture Thesaurus descriptors) as well.

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Description

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- Label: DESCRIPTION
- A textual description of the content of the resource, including abstracts in the case of document-like objects or content descriptions in the case of visual resources. Future metadata collections might well include computational content description (spectral analysis of a visual resource, for example) that may not be embeddable in current network systems. In such a case this field might contain a link to such a description rather than the description itself.

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Date

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• Label: DATE

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 The date the resource was made available in its present form. The recommended best practice is an 8 digit number in the form YYYYMMDD as defined by ANSI X3.30-1985. In this scheme, the date element for the day this is written would be 19961203, or December 3, 1996. Many other schema are possible, but if used, they should be identified in an unambiguous manner.

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Resource Identifier



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• Label: IDENTIFIER

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 String or number used to uniquely identify the resource. Examples for networked resources include URLs and URNs (when implemented). Other globally-unique identifiers, such as International Standard Book Numbers (ISBN) or other formal names would also be candidates for this element.

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Coverage



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- Label: COVERAGE
- The spatial locations and temporal duration characteristic of the resource. Formal specification of COVERAGE is currently under development. Users and developers should understand that use of this element should be currently considered experimental.

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Rights Management

• Label: RIGHTS

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 The content of this element is intended to be a link (a URL or other suitable URI as appropriate) to a copyright notice, a rights-management statement, or perhaps a server that would provide such information in a dynamic way. The intent of specifying this field is to allow providers a means to associate terms and conditions or copyright statements with a resource or collection of resources. No assumptions should be made by users if such a field is empty or not present.

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