

Making Hyrax more inclusive through controlled vocabulary choice

Juliet L. Hardesty, Metadata Analyst

Indiana University

Samvera Virtual Connect 2019

Samvera

“Rather than being one-size-fits-all, Samvera leverages an **ecosystem of components** that lets institutions assemble and deploy robust and durable repository applications that are **tailored to their users' needs and workflows.**” [What is Samvera?](#)

Hyrax

“Hyrax is a repository solution that allows deposit of content via configurable workflows; **description with customizable metadata**; and user-level control over that content (upload, modify, delete content).” [How is Hyrax different from...?](#)

Basic Metadata

Basic metadata properties are defined in app/models/concerns/hyrax/basic_metadata.rb

Property (Field)	Predicate	Rdf-vocab Predicate	Recommendation	Expected Value (Data Type)	Expected Value (Controlled Source)	Multiple	Obligation
creator	dce:creator	::RDF::Vocab::DC11.creator	MUST (Required)	xsd:string (Literal)	n/a	TRUE	{1,n}
keyword	dce:relation	::RDF::Vocab::DC11.relation	MUST (Required)	xsd:string (Literal)	n/a	TRUE	{1,n}
rights_statement	edm:rights	::RDF::Vocab::EDM.rights	MUST (Required)	xsd:anyUri	Rights statements menu as YAML	FALSE	{1}
contributor	dce:contributor	::RDF::Vocab::DC11.contributor	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
description	dce:description	::RDF::Vocab::DC11.description	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
license	dct:rights	::RDF::Vocab::DC.rights	MAY	xsd:anyURI	License menu as YAML	TRUE	{0,n}
publisher	dce:publisher	::RDF::Vocab::DC11.publisher	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
date_created	dct:created	::RDF::Vocab::DC.created	MAY	xsd:date or xsd:dateTime xsd:string (Literal)	n/a	TRUE	{0,n}
subject	dce:subject	::RDF::Vocab::DC11.subject	MAY	xsd:string (Literal)	n/a (but existing vocab encouraged)	TRUE	{0,n}
language	dce:language	::RDF::Vocab::DC11.language	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
identifier	dct:identifier	::RDF::Vocab::DC.identifier	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
based_near	foaf:basedNear	::RDF::Vocab::FOAF.based_near	MAY	xsd:anyURI	GeoNames web service	TRUE	{0,n}
related_url	rdfs:seeAlso	::RDF::RDFS.seeAlso	MAY	xsd:string or xsd:anyURI	n/a	TRUE	{0,n}
source	dct:source	::RDF::Vocab::DC.source	MAY	xsd:string (Literal)	n/a	TRUE	{0,n}
resource_type	dct:type	::RDF::Vocab::DC.type	MAY	xsd:string (Literal)	Type menu as YAML	TRUE	{0,n}

Latest Hyrax Release (stable, 2.4.1)

- Few controlled sources out of the box
- No controlled sources for Keyword or Subject

Metadata Application Profile. Samvera Community Knowledge Base.

https://samvera.github.io/metadata_application_profile.html

fx		Name						
	A	B	C	D	E	F	G	
1	Name	Year	Classification Scheme	Controlled Vocabulary	Connection to LCSH	Online/PDF	Linked Data	Location
2	Brian Deer Classification Scheme	1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	https://xwi7xwa.libra
3	Homosaurus.org based on International Homo/Lesbian Informaticentre & Archives and compiled by Jack van der Wel (with support of Ellen Greenblatt) in 2013		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	http://homosaurus.o
4	LLACE Classification Scheme	2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	hard copy from IU L
5	Gay Studies Thesaurus	1990	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	https://iucat.iu.edu/c
6	Nonsexist Thesaurus	1977	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	https://iucat.iu.edu/c
7	UNESCO Thesaurus		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	http://vocabularies.u
8	Mashantucket Pequot Thesaurus of American Indian Terminology		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	unpublished; only in
9	BC First Nations Subject Headings - Names		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	https://xwi7xwa.libra
10	Native American Educational Services system (NAES closed in 2007)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	maybe Box 4, Folde https://www.lib.uchicp?eadid=ICU.SPCL
11	Ojibway-Cree Cultural Centre classification (mod of BDC)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Dorothy Porter classification system (Moorland-Spingarn Research Center - Archives at Howard University)	1930s/1940s	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	high level genre/sub https://www.historiarperspectives-on-histck-knowledge-how-canized-a-premier-af
13	A Women's Thesaurus	1987	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	https://iucat.iu.edu/c https://institute-gendurus/ but no API or L

Controlled Vocabulary Options



We can do this

Hyrax Options

- Configurable Keyword and Subject fields
- Default set of fields supplied with controlled vocabs out of the box

Questioning Authority (QA)

Creator required

The person or group responsible for the work. Usually this is the author of the content. Personal names should be entered with the last name first, e.g. "Smith, John."

- Smith, John W. (John Williamson)
- Smith, John W. (John Williamson), 1897-1986
- Simon, John S. (John Smith), 1843-1933
- St. John-Smith, C. (Christopher), 1956-
- Smith, John Austin, 1954-
- Walker-Smith, John A.
- Smith, John, 1921-

Requirements

- Describe your work

Visibility

- Open Access** Everyone. Check out [SHERPA/RoMEO](#) for specific publishers' copyright policies if you plan to patent and/or publish your Demo Work in a journal.
- Institution** Restrict access to only users and/or groups from Institution
- Embargo**
- Lease**
- Private** Only users and/or groups that have been invited

Screen shot from Lynette Rayle's "New to QA – What's new in authority lookup?" [slide deck](#), LDCX 2019

QA Options

- Increase vocabulary options available for QA gem


Opportunities

Few vocabularies available as Linked Data

- Homosaurus.org
- Outreach regarding LD status

Hosting new Linked Data

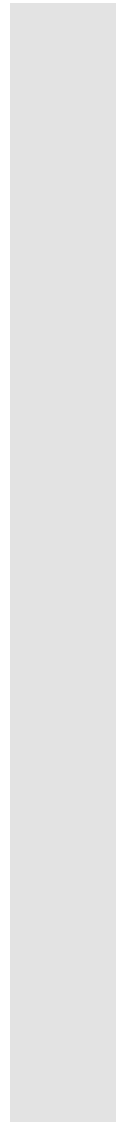
- [Samvera Community Vocabulary Manager](#)
- [rdf-vocab](#) style gem



Race
Gender Identity
Sexual Orientation
Ethnicity
Religion

Who are you?

How does this impact
the search and
discovery process?



Thank you!
SMIG Meeting, May 28,
3pm Eastern
Samvera Slack #metadata

Julie Hardesty

@jlhardes

jlhardes@iu.edu