Rethinking metadata design and management

M3 for metadatists

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"Metadata modelling is hard … and time-consuming"

- Julie Allinson, Randall Floyd, and Ned Henry

Terminology differences

You say obligation, I say cardinality...

Sharing and reusing

Do I *really* have to be the 33rd person to build it from scratch?

Documentation

Data Dictionary

Superclass	Class	Subclass	Sub-Subclass	Property	Definition	Value(s) / Format(s)	Links to	No
DAMS Thing				ID (anyURI, required)	Parent of all DAMS classes.		DAMS Event (event 0-m)	In the linked-data the subject URI.
	Administrative Unit			ID (required)	The identification of a library unit (or non-library data provider) that is responsible for supplying content to the DAMS and f administering that content time, including answering from users.		Object (hasObject 0-m) DAMS Event (event 1-m)	Mandatory event unit record creatio

Property Label	DPLA mapping	DC mapping	DAMS
subject:spatial	Place	dc:spatial	Geogra
subject:temporal	Temporal Coverage	dc:temporal	Subject
date			
date:created			
date:event			
date:collection			
date:copyrigh			

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.".

+ Add another Creator

Title	Person:Creator
Ranktaker Comforts Child	Rodman, William L.	Critchlow, Margaret, 1947-
James Liu	Rodman, William L.	Critchlow, Margaret, 1947-
Run before Kill	Rodman, William L.	Critchlow, Margaret, 1947-
Dragging Pig to the Sara	Rodman, William L.	Critchlow, Margaret, 1947-
Joseph Maori 2	Rodman, William L.	Critchlow, Margaret, 1947-

Controlled Values Lists for DAMS Metadata

These lists are for data providers who want to use controlled value their collections. These lists are contained here because they are to *Practices For Data Provider's Document*, and these lists should be u guidance. Any questions or problems can be directed at the Digita Unit.

- Identifier Types
- Roles for Creators/Contributors
- Types of Resource
- Subject Types

Identifiers

Publicly viewable:
accession number
basket number
DOI
EDM
event ID
IGSN
locus number
registration number
sample number
Curator only:
ARK

Developing a shared terminology

we both say:

minimum_occurence: "minimum number of values the property must have"
maximum_occurence: "maximum number of values the property may have"

Example from the working document http://bit.ly/M3Spreadsheet

Property	Definition	Example	Expected Value	Additional Attributes	Potential Uses	Priority
usage_guidelines	description of how the defined property should be used (helper text, hints, deposit text, etc.)	Record in lastname, firstname order.	free text string	language	documentation (data entry audience), hints/helper text	yes

Standardized syntax

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```
71   - property_method_name: rights_statement
72     display_label: "Rights Statement"
73     definition: "Information about copyright, usage and access rights of the digital objects."
74   # usage_guidelines:
75     requirement: required
76     controlled_values:
77       controlled_value_format: http://www.w3.org/2001/XMLSchema#anyURI
78       controlled_value_sources:
79         - http://rightsstatements.org/
80         - http://creativecommons.org/
81     sample_value: http://rightsstatements.org/vocab/InC/1.0/
82     property_uri: http://www.europeana.eu/schemas/edm/rights
83     available_on_object:
84       - GenericWork
85       - Image
86     validations:
87       range: http://purl.org/dc/terms/RightsStatement
88       data_type: http://www.w3.org/2001/XMLSchema#anyURI
```

Examples https://github.com/samvera-labs/houndstooth/tree/M3-branch/examples

Documentation generation

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name	definition	predicate	range	system_obligation
agent:contributor	A person or organization responsible for making contributions to the resource.	http://dublincore.org /2012/06 /14/dcelements#contributor	{"uri"=>"ucsd:Agent"}	none
agent:creator	A person or organization responsible for creating the resource.	http://dublincore.org /2012/06 /14/dcelements#creator	{"uri"=>"ucsd:Agent"}	none

What's Next?

- WG Update
- Contribute your own docs to help
- Give feedback on what does/doesn't work!