DCAT in GLD

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W3C GLD F2F2
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Main Page

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Government Linked Data (GLD) Working Group   [edit]

Mission: The mission of the Government Linked Data (GLD) Working Group is to provide standards and other information which help governments around the world publish their data as effective and usable Linked Data using Semantic Web technologies. (See Charter)

W3C Standards and Notes   [edit]

- As they are created, links to the draft specifications from this group will be here for public inspection.

Deliverables   [edit]

Latest official working drafts:

- Task Force **Community Directory**, see the main wiki page for the Community Directory Discussion Summary
  1. Outreach: Technology_Policy_Leaders
  2. Outreach: Civil_Society
- Task Force **Best Practices for Publishing Linked Data**, see the main wiki page for the Best Practices Discussion Summary
  1. Charter 2.2.1 Procurement
  2. Charter 2.2.2 Vocabulary Selection
  3. Charter 2.2.3 URI Construction
  4. Charter 2.2.4 Versioning
  5. Charter 2.2.5 Stability
  6. Charter 2.2.6 Legacy Data
  7. Charter 2.2.7 Linked Data Cookbook
- Task Force **Standard Vocabularies**, see the main [...] Vocabulary Discussion Summary
  1. Charter 2.3.1 Data Catalog Vocabulary
  2. Charter 2.3.2 Data Cube Vocabulary
  3. Charter 2.3.3 People

http://www.w3.org/2011/gld

Data Catalog Vocabulary (DCAT)

W3C Editor's Draft

This version:
http://www.w3.org/TR/2011/WD-DCAT-@@@@@@@

Latest published version
http://www.w3.org/TR/DCAT/

Previous published version:
None

Editors:
Fadi Maali, DERI, NUIG
John Erickson, Tetherless World Constellation (RPI)
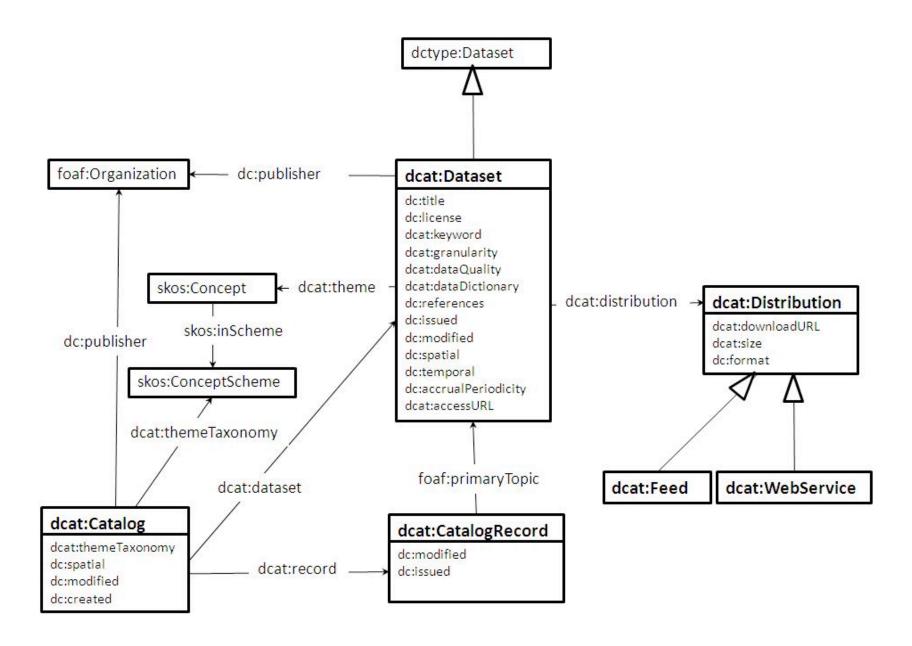Phil Archer, W3C/ERCIM

Abstract

@@@ To Do @@@

Status of This Document

This section describes the status of this document at the time of its publication. Other documents may super
this document. A list of current W3C

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http://dvcs.w3.org/hg/gld/raw-file/default/dcat/index.html

dctype:Dataset

foaf:Organization ← dc:publisher — **dcat:Dataset**
dc:title
dc:license
dcat:keyword
dcat:granularity
dcat:dataQuality
dcat:dataDictionary
dc:references
dc:issued
dc:modified
dc:spatial
dc:temporal
dc:accrualPeriodicity
dcat:accessURL

skos:Concept ← dcat:theme

skos:inScheme

skos:ConceptScheme

dcat:themeTaxonomy

dc:publisher

dcat:distribution → **dcat:Distribution**
dcat:downloadURL
dcat:size
dc:format

foaf:primaryTopic

dcat:dataset

dcat:Catalog
dcat:themeTaxonomy
dc:spatial
dc:modified
dc:created

dcat:record → **dcat:CatalogRecord**
dc:modified
dc:issued

dcat:Feed   **dcat:WebService**

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W3C eGov Wiki

Data Catalog Vocabulary/Use Cases and Requirements

< Data Catalog Vocabulary

Document title:

dcat Data Catalog Vocabulary: Use Cases and Requirements

Editors

@@@editor 1
@@@editor 2

Abstract

@@@ abstract goes here, markup is okay

Status of this Document

This is a working document of the Data Catalog Vocabulary project within the W3C eGovernment Interest Group. Feedback is welcome and should be sent to the public-egov-ig mailing list. We expect publish this as a W3C Working Draft in early July 2010.

Contents [hide]

Use cases

- Creating a combined catalog from multiple data catalogs (UC1)

- Including metadata published directly on agency web sites into catalogs (UC2)

- Advanced queries against catalogs (UC3)

- Bulk download of datasets (UC4)

Details on Product DCAT

Open, Raised and Pending Review Issues

New issues for this product are notified to public-gld-wg@w3.org (ask sysreq@w3.org to set it to a different list).

There are 13 open and raised issues listed in the system.

ID	State	Title	Raised on	Product	Open Actions
ISSUE-2 olyerickson	RAISED	dct:language should be added to DCAT	2011-11-23	DCAT	0
ISSUE-3 DTF	RAISED	Date and Time Format	2012-01-06	DCAT	0
ISSUE-4 Alien Ranges	RAISED	Should we define ranges for other people's vocabularies?	2012-01-06	DCAT	0
ISSUE-5 Frequency	RAISED	Implications of the domain of dcterms:accrualPeriodicity	2012-01-06	DCAT	0
ISSUE-6 nonLiterals	RAISED	How should dcat publishers figure out good URIs for properties with non-literal ranges?	2012-01-26	DCAT	0
ISSUE-7 whyAccessUrl	RAISED	Drop dcat:accessUrl, use the URI of the dcat:Download resource instead	2012-01-26	DCAT	0
		add a property to			

http://www.w3.org/2011/gld/track/products/2

- dct:language should be added to DCAT
- Date and Time Format
- Should we define ranges for other people's vocabularies?
- Implications of the domain of dcterms:accrualPeriodicity
- How should dcat publishers figure out good URIs for properties with non-literal ranges?
- Drop dcat:accessUrl, use the URI of the dcat:Download resource instead
- add a property to distinguish direct and indirect access of dcat:Distribution
- dcat:Distribution and its subclasses are unnecessary
- Refine dcat:granularity to dcat:spatialGranularity and dcat:temporalGranularity
- Is dcat:CatalogRecord related to Named Graphs?
- What values to use to describe formats of dcat:Distribution?
- attach specific properties to dcat:Distribution and not to dcat:Dataset
- add dcat:permanentIdentifier property

People

- Phil Archer (Editor)

- John Erickson (Editor)

- Fadi Maali (Editor)

- Richard Cyganiak

- …?

Next steps, questions

- Get all interested parties on board
- FPWD
- What to do with the UC&R material?
- Work through tracker issues
  - Separate call? Task force?
- How to document alignments/relationships with other specs? (ADMS, DC, VoID, …)
- How to maximize feedback/review?