Webinar of the DCAT-AP Working Group

25 October 2016

Meeting Minutes

Date: 28/10/2016

DCAT-AP Implementing Guidelines			
Venue	Web meeting	Meeting date	2016-10-25
Author	Brecht Wyns	Meeting time	10:30-12:00
Reviewed by	Makx Dekkers	Issue date	2016-11-02
Status	for review	Version	0.02

ATTENDEES

Name	Abbreviation	Organisation
Agnieszka Zajac	AZ	Publications Office of the EU
Ana Barreda	AB	red.es, Ministry of Industry, Energy and Tourism, Spain
Andrea Maurino	AM	University of Milano, Italy
Bert van Nuffelen	BvN	Tenforce, Belgium
Danica Saponja	DS	Ministry of the Interior, Slovenia
Daniele Rizzi	DR	European Commission, DG CONNECT
Emidio Stani	ES	PwC EU Services
Lieven Raes	LR	Flemish Government, Belgium
Nataliya Rozbroj	NR	Publications Office of the EU
Neven Vrček	NV	University of Zagreb, Croatia
Nikolaos Georgosopoulos	NG	Publications Office of the EU
Nikolaos Loutas	NL	PwC EU Services
Øystein Åsnes	OA	DIFI, Norway
Pascal Romain	PR	Datalocale.fr, Gironde department, France
Sonia Castro	SC	red.es, Ministry of Industry, Energy and Tourism, Spain
Stephan Kafka	SK	Czech national INSPIRE portal
Thimo Thoeye	TT	City of Ghent, Belgium
Uwe Voges	UV	Konterra, Germany
Valerie Brasse	VB	euroCRIS
Willem van Gemert	WvG	Publications Office of the EU

Athanasios Karalopoulos (chair)	AK	European Commission, DIGIT, ISA² Programme
Vassilios Peristeras (chair)	VP	European Commission, DIGIT, ISA² Programme
Brecht Wyns (presenter)	BW	PwC EU Services
Makx Dekkers (presenter)	MD	AMI Consult

AGENDA

10:30-10:45: Start-up

10:45-11:20: Issues that could be solved in additional guidelines
- Relationship between accessURL and downloadURL: practical use
- Publisher vs. contact point
- Contradiction dct:spatial and dct:Location
- De-referencing vocabularies
- URIs for organisations
- Entity-ID service
- Partitioning large DCAT-AP metadata files (in case of bulk harvesting)
- Agent roles
- Any other issues?

11:20-11:25: Issues that are change requests for a new revision of DCAT-AP
- Modelling data quality

11:25-11:30: Issues that require liaison with others
- Mapping DCAT-AP to and from existing dataset publication platforms, e.g. CKAN, OpenDataSoft, Socrata, DKAN.

11:30-11:45: Issues for SDSVoc
- Relationships between Datasets, incl. versioning, time sequence, parent/child and grouping of collections: use of relation types
- Rights and licences for datasets: relationship with licences on catalogue and distributions
- Agent roles: additional set of properties linking to agents
- Service-based data access: modelling of non-file distributions and set of properties to enable machine-processing
- Relationship between Distributions: similarity criteria

• Packaging of distribution files: expression of format of included files • Scientific data and data citation
11:45-12:00: Next steps

MINUTES

1. Opening

MD presented the purpose of the work on the new implementation guidelines for DCAT-AP:
- Follow up on the discussion points identified during the DCAT-AP workshop organised in May 2016.
- Collecting new change requests for the DCAT-AP (if any) via interactions with implementers through the DCAT-AP community channels;
- Update existing DCAT-AP guidelines to incorporate feedback; and
- Create a number of new practical guidelines that will support the Member States to implement DCAT-AP, focusing especially on the organisational and legal levels;

The purpose of the webinar is to
- Verify with the group that the issues listed are relevant for guidelines
- Discuss possible further development of DCAT-AP
- Look at the wider issues that could/should be on the agenda of SDSVoc
- Plan the work ahead, especially in gathering legal and organisational issues

The issues will not be discussed in detail during this meeting. Detailed discussions can take place via:
- **Joinup**: each issue for which a guideline could be created is listed on the Joinup Issue Tracker: https://joinup.ec.europa.eu/asset/dcat-ap_implementation_guidelines/issue/all;
- The **mailing list**: dcat_application_profile@joinup.ec.europa.eu;
- **Separate meetings** that will be organised with those who are interested to contribute.

2. Issues for additional guidelines

BW introduced the following issues for which new guidelines could be developed. These issues can be further discussed via the mailing list, or via the links to Joinup provided below.

- Relationship between accessURL and downloadURL: practical use
  https://joinup.ec.europa.eu/node/156370
- Publisher vs. contact point
  https://joinup.ec.europa.eu/node/149022

- Contradiction dct:spatial and dct:Location
  https://joinup.ec.europa.eu/node/156379
- De-referencing vocabularies
  https://joinup.ec.europa.eu/node/149028
  WvG agreed that it is a good idea to create a guideline for this. He explained that the dereferencing MDR controlled vocabularies at the concept level will be supported by the end of the year. BvN mentioned that the issue of dereferencing does not only apply to controlled vocabularies, but also to catalogues and datasets.
- URIs for organisations
  https://joinup.ec.europa.eu/node/149026
- Entity-ID service
  https://joinup.ec.europa.eu/node/149111
  AM shared his concern that requiring local administrations to comply with a requirement on how to manage entity IDs might not be perceived well. MD explained that it is not the purpose to impose any additional requirements, but that we could share information on how other public administrations are dealing with this issue. If we identify any of these services, we will list them and distribute them with the working group.
- Agent roles
  https://joinup.ec.europa.eu/node/156382
  PR proposes to use the PROV-O vocabulary, but agreed with MD that this might be too heavy for DCAT-AP as was already discussed during the development of the profile. The Publications Office of the EU proposes the Roles NAL, which could be extended if needed.
- Partitioning large DCAT-AP metadata files (in case of bulk harvesting)
  The working group agreed that this issue is not really relevant, hence it will not be considered for a new guideline. BvN added that in some circumstances, it might even be better to have a single file describing all data sets rather than breaking it up in smaller files. AM explained that the problem is not so much with the file, but rather with the use of APIs.

3. Issues for revising DCAT-AP

MD introduced an issue that would require an update of DCAT-AP: modelling data quality.

The working group agreed that the modeling of data quality is a relevant issue. Several ideas were proposed, such as referring to standards, using the W3C Data Quality Vocabulary (DQV), etc. The working group will closely follow what happens at W3C, as their solution could be implemented in a future version of DCAT-AP.

AM explained that in his view, the W3C DQV solution is the best available solution on the web. He proposed to share his proposal for implementing data quality in DCAT-AP_IT (https://dati.lombardia.it/api/dcat.rdf).

4. Issues that require liaison with others

An issue that requires liaison with others is the mapping of DCAT-AP to and from existing dataset publication platforms, e.g. CKAN, OpenDataSoft, Socrata and DKAN. MD asked whether the working group is willing to contribute to identifying solutions and liaising with others. Several ideas were shared via the chatbox:

- PR mentioned an extension for DCAT in CKAN and a tool to publish RDF DCAT-AP metadata to CKAN;
- SK mentioned an extension for importing INSPIRE metadata, viewing it and exporting it as geoDCAT-AP;
- AZ mentioned that the EU ODP has experience with CKAN and they have a module for ingesting metadata in RDF into CKAN;
- NL informed the working group that native support for DCAT-AP in CKAN is undergoing;
- OA mentioned a GIT project for exporting CKAN to DCAT-AP (National Road Authority in Norway);
- ES mentioned that the developers of DKAN are interested to support DCAT-AP;
- BvN mentioned that Tenforce has open source solutions;
- UV mentioned that Fraunhofer FOKUS might be able to provide more input regarding CKAN.

5. Issues for SDSVoc

MD introduced the issues that could be presented at SDSVoc, as they would require modifications to DCAT:

- Relationships between Datasets, incl. versioning, time sequence, parent/child and grouping of collections: use of relation types
- Rights and licences for datasets: relationship with licences on catalogue and distributions
- Agent roles: additional set of properties linking to agents
- Service-based data access: modelling of non-file distributions and set of properties to enable machine-processing
- Relationship between Distributions: similarity criteria
- Packaging of distribution files: expression of format of included files
- Scientific data and data citation

More details about these issues can be found in the webinar's slideshow (https://joinup.ec.europa.eu/sites/default/files/isa_field_path/20161025_dcat-ap_webinar_v0.04.pdf).

SDSVoc will take place on 30 November and 1 December 2016 in Amsterdam, the Netherlands. More information is available via https://www.w3.org/2016/11/sdsvoc.

6. Next steps

BW explained that as from now until March 2017, interviews will be held to better understand the issues and potential solutions, as well as to identify legal and organisational issues (if any). Many people expressed their interest to participate, including (via the chatbox): PR, AM, TT, OA, NV, NR, DS. The publication of new guidelines is foreseen for May 2017.

RR asked whether there is a possibility to translate the guidelines in French. AK from the European Commission will look into it.

October 2015
Publication of DCAT-AP 1.1

December 2015
Publication of GeoDCAT-AP 1.0

March 2016
Publication of the DCAT-AP implementation guidelines

May 2016
DCAT-AP Workshop, Rome

September 2016
Start the activity for creating new guidelines

November 2016
SDSVoc

December 2016
Publication of StatDCAT-AP

May 2017
Publication of new implementation guidelines