**2016-01-28**

**Working Group meeting on DCAT-AP implementation guidelines (webinar)**

**SEMIC Phase 7**

Meeting Minutes

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| Webinar: DCAT-AP implementation guidelines |
| Venue | Adobe Connect | Meeting date | 2016-01-28 |
| Author | Stefanos Kotoglou | Meeting time | 10:30 – 12:00 |
| Reviewed by | Makx Dekkers | Issue date | 2016-01-29 |

# Attendees

|  |  |  |
| --- | --- | --- |
| Name | Abbreviation | Organisation |
| Agnieszka Zajac | AZ | Publications office |
| Andrea Perego | AP | Joint Research Centre (JRC) |
| Antje Goldner | AG | GovData - govdata.de (Germany) |
| Antonio Rotundo | AR | Agency for Digital Italy |
| Athanasios Karalopoulos | AK | ISA Programme, European Commission |
| Bart Hanssens | BH | Fedict (Belgium) |
| Benjamin Dittwald | BD | European data portal consortium |
| Bert Van Nuffelen | BN | TenForce (Belgium) |
| Claudia Secco | CS | CSI Piemonte (Italy) |
| Daniele Rizzi | DR | European Commission |
| Danny Delcambre | DD | European Commission |
| Francesca Gleria | FG | Dati.Trentino.it (Italy) |
| Giorgia Lodi | GL | AgID (Italy) |
| Herbert Koch | HK | Publications Office |
| Livar Bergheim | LB | Difi (Norway) |
| Luc Betrano | LBE | Publications Office |
| Marco Combetto | MC | Dati.Trentino.it (Italy) |
| Marco Pellegrino | MP | European Commission |
| Matthias Palmer | MP | Metasolutions (Sweden) |
| Monica Pedron | MPE | Dati.Trentino.it (Italy) |
| Norbert Hohn | NH | Publications office |
| Saverino Reale | SR | CSI Piemonte (Italy) |
| Sebastian Sklarss | SS | ]init[ (Germany) |
| Simon Dutkowski | SD | European data portal consortium |
| Tue Topholm | TT | KDM (Denmark) |
| Uros Milosevic | UM | TenForce (Belgium) |
| Uwe Voges | UV | Terra GmbH (Germany) |
| Willem Van Gemert | WG | Publications Office |
| Makx Dekkers | MD | Independent Consultant |
| Nikolaos Loutas | NL | PwC EU Services |
| Stefanos Kotoglou | SK | PwC EU Services |

# Agenda

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| --- | --- |
| ID | Description |
|  | Welcome and practical information |
|  | Collaboration infrastructure |
|  | Background |
|  | Introduction of the participants - Round table |
|  | Objectives |
|  | Metrics |
|  | Approach |
|  | Issues |
|  | Outline of guidelines document |
|  | Schedule of work |
|  | Next meeting |

# Welcome and practical information

MD welcomed everyone to the 1st Working Group meeting for the DCAT-AP implementation guidelines.

NH mentioned that the goal of the webinar is to address the questions of the participants on DCAT-AP and DCAT-AP implementations. The objective of this work is create guidelines for implementing DCAT-AP based on the input received from the participants.

All the material (i.e. presentation of the webinar and meeting minutes) is available [here](https://joinup.ec.europa.eu/node/148697).

# Collaboration infrastructure

SK provided all the practical information regarding the communication and the collaboration between the members of the Working Group. The members of the Working Group will use a mailing list for performing their discussion. All the information is available at the slide-deck of the presentation.

# Background

MD informed the participants about the work that has been done on DCAT-AP (e.g. the DCAT-AP revision etc.).

MD invited the participants to contribute to the guidelines by sharing their experiences via the mailing list and by commenting on the Joinup issues that will be posted in the issue tracker at https://joinup.ec.europa.eu/asset/dcat-ap\_implementation\_guidelines/issue/all.

# Introduction of the participants - Round table

MD invited everyone to make a self-presentation, providing more information about their organisation and their experiences (if any) on implementations of DCAT-AP.

Participants provided information about their organisations and their experiences on DACT-AP. The following table provides an overview of the received input:

Table 1 Round table

|  |  |
| --- | --- |
| Abbreviation | Description |
| AG | Works for the central office of GovData, the German Open Data Portal. |
| AP | Working at the European Commission's Joint Research Centre (JRC). They use DCAT-AP as the metadata profile of the JRC Data Catalogue. His Unit is also running the INSPIRE Geoportal, that published geospatial metadata from EU Member States. |
| AR | Agency for Digital Italy is going to open a public consultation on the DCAT-AP IT within a few hours. We will send you all the links to the material by today via DCAT-AP mailing list. |
| BN & UM | Work for TenForce (BE) - many implementations & usages (see overview in the email to the DCAT-AP mailing list) |
| CS & SR | Working for CSI Piemonte. They are supporting RegionePiemonte in the implementation of data standards. They also take part in working groups with AgID. |
| LB | Works at Difi (Norwegian Agency for Public Management and eGovernement). Focusing on open data (national portal: data.norge.no) and information management. They are in the middle of a pilot-project, implementing a catalog-harvester with storage. The future goal is to display datasets on the national portal. |
| MP | Works at MetaSolutions. Implements: 1) a platform for editing DCAT-AP information called EntryScape Catalog, 2) RDForm templates for various national and thematic profiles of DCAT-AP (useful for editing, presenting and validating) and 3) the Swedish Open Data portal. |
| NL | Working on creating an ecospace around the DCAT-AP, beyond the change management of the specification, including the implementation guidelines and a set of support tools.<https://joinup.ec.europa.eu/community/semic/og_page/dcat-ap><https://joinup.ec.europa.eu/community/ods/og_page/software> |
| SD & BD | Working at the European data portal consortium implementing the catalogue with CKAN and DCAT-AP, including translation and harvesting |
| SS | Works for ]init[ ([www.init.eu](http://www.init.eu)). He followed the webinar in the context of consultancy for the German Open Data portal [www.govdata.de](http://www.govdata.de). They face requirements that currently are hard to cover with CKAN and DCAT-AP, as they intend to create a metadata federation between 12.000 municipalities -> 16 states –> one central portal -> EU portal. |
| TT | Working for a Danish IT company called KMD, where they work with data and state agencies. One of the projects they are working on is the data distributor in Denmark, where they serve geospatial data, and later more different data. |
| UV | One of the editors of OGC CSW AP ISO 1.0 (baseline for INSPIRE Discovery Services) and OGC OpenSearch Earth Observation Extension (EOP). Involved in lots of implementations of these interfaces e.g. for EUMETSAT and ESA. Involved in Harvesting Geospatial metadata for the European Data Portal (implementation of harvesters for OGC CSW AP ISO 1.0 / INSPIRE Discovery Services) and OGC OpenSearch EOP endpoints |

# Objectives

MD mentioned that the objective of this work is to provide guidelines by gathering and documenting:

* Implementation experiences;
* Challenges and road-blocks that the participants faced; and
* The work-arounds that the participants came up with.

According to MD, the intended results of this work are:

* A report with the guidelines; and
* A set of webpages with persistent URIs for easy reference.

# Metrics

MD presented metrics regarding the response from the participants and the DCAT-AP group:



# Approach

MD mentioned that the approach that will be followed is the following:

* Gathering issues brought up by participants.
* Analysis of issues and specifications and guidelines used in national and regional implementations of DCAT-AP.
* Discussion on existing practices and common challenges, via the mailing list, on Joinup and in the context of an online meeting.
* Building consensus on recommended practice with a focus on improving interoperability.
* Publication of guidelines.

MD explicitly mentioned that the guidelines will be developed based on the input received from the Working Group. After receiving the input from the Working Group, the editing team will:

* Create a priority ranking based on the votes; and
* Draft the guidelines based on the contributions.

# Issues

The issues created based on the input received from the participants have been divided in six categories:

* Modelling issues;
* Usage issues;
* Clarification;
* Mapping issues;
* Deployment issues; and
* Tools and software

MD invited all the participants to provide their input and their preferences for prioritising the presented issues via the chat box. The focus on the work will be on the issues that are higher in the final ranking.

The participants voted for all the issues apart of the clarification issue: “What is the explanation for the different modelling of publisher vs. contact point.” MD mentioned that this issue is already prioritised and will be resolved.

MD invited all the participants to share their own issues via the mailing list.

Find below the final ranking of the issues:

Table 2 Issues

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Group of issues | Issues | Prioritised? |
| Yes | Neutral | No |
| 1 | Modelling  | How to model dataset series? | 17 | 1 | 0 |
| 2 | Modelling  | How to extend DCAT-AP? | 15 | 0 | 1 |
| 3 | Deployment | How to detect and handle duplicates? | 15 | 0 | 0 |
| 4 | Usage | Which vCard properties to use to describe contact information? | 14 | 0 | 0 |
| 5 | Usage | Which identifiers to use for datasets distributions? | 14 | 0 | 0 |
| 6 | Mapping | How to map national themes to MDR Data Theme Vocabulary | 14 | 0 | 0 |
| 7 | Tools & software | Which tools exist for creating DCAT-AP? | 14 | 0 | 0 |
| 8 | Deployment  | How to validate input? | 13 | 0 | 0 |
| 9 | Modelling | How to model and express provenance? | 12 | 1 | 0 |
| 10 | Usage | How to describe and refer to licenses? | 12 | 0 | 0 |
| 11 | Modelling | How to model and express rights for Datasets? | 9 | 4 | 0 |
| 12 | Tools & software | How to build a DCAT-AP API? | 8 | 0 | 1 |
| 13 | Mapping | How to handle missing agent roles in DCAT-AP? | 6 | 4 | 0 |
| 14 | Deployment | How to version data? | 6 | 1 | 2 |
| 15 | Tools & software | Which tools exist to export and import DCAT-AP? | 5 | 0 | 1 |
| 16 | Deployment | How to structure and partition DCAT-AP files? | 2 | 6 | 0 |

During the presentation of the issues, participants were providing their comments. Find below comments that were submitted via the chat box (Please refer to Table 2 for the numbering of the issues).

 Table 3 Participants’ comments

|  |  |  |
| --- | --- | --- |
| ID | Abbreviation | Comment |
|
| 2 | SS | To also provide more information on restricting and not only on extending DCAT-AP |
| 2 | LB | Norway will be revising DCAT-AP-NO later this year, to be up date with DCAT-AP 1.1. Interesting in experiences. |
| 2 | AR | In IT profile they extended the vcard:Kind and foaf:Agent |
| 6 | BH | In .be they map and publish SKOS |
| 6 | MP | A possible solution could be to inform that it is allowed to also use dct:subject in parallel with national themes. |
| 6 | UV | To map INSPIRE metadata "conditions for access and use and limitations on public access" to DCAT-AP |
| 7 | AR | In IT profile they added dct:creator and dct:rightsHolder |
| 8 | MP | It is very hard when there are local variations. They use RDForms to handle the variation. Hence there is the need for different validations for different use cases. |
| 8 | MC | In order to double-check the alignment of the values, we could validate the usage of the vocabularies. |
| 15 | MP | He prefers moving toward a native solutions (RDF) when possible. |

# Outline of guidelines document

MD presented the outline of the guidelines document to the participants.

MD mentioned that a separate page with persistent URIs will be created for each issue.

# Schedule of work

The work schedule will be the following:

* January 2016: Identify topics and prioritise
	+ Gathering, discussing, voting, creating Joinup issues
* February 2016: Gather contributions
	+ Contributing experience in comments on Joinup
* Early March 2016: Create and review guidelines
	+ Summarising contributions, discussing and agreeing final text
* Late March 2016: Publish guidelines
	+ As integrated document and as separate ‘How to’ sections
* From April 2016: Gather feedback from wider community

MD informed the participants that a contributors’ agreement will be signed. The contributions will be under open license.

# Next meeting

Two meeting will take place in the forthcoming months:

* a progress meeting in the second half of February; and
* a review meeting in the first half of March.

Doodle polls will be set up and shared on the mailing list.

# Action Points

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Description | Owner | Due date |
|  | To share your experiences via the mailing list | WG members | 26/02/2016 |
|  | To share a contributors’ agreement with the members of the Working Group | ISA/ PwC | 05/02/2016 |
|  | To share via the mailing list two doodle polls for scheduling the next meetings of the Working Group | ISA/ PwC | 05/02/2016 |

# Chat log

