

Workshop on “Dynamic Data Citation”

Riva del Garda, 20-21 April 2015

The Workshop is organized by the EU funded project “**RDA Europe**” (WP2: Fostering Innovation through European Stakeholder Engagement; Task **T2.4**: Computer Scientist, Data Technologist and existing e-Infrastructure Engagement).

The goal of this Workshop is to conduct a critical analysis of the findings and the recommendations produced so far by the RDA WG on “Data Citation”.

To achieve this goal, a number of experts as well as representatives of large data organizations have been invited to attend the Workshop.

The expected outcome is a Report that will contain the main conclusions of the Workshop, that is, suggestions for (i) improving the technical solutions, and (ii) extending the proposed solutions to complex and volatile data structures. In addition, some real use cases will be delineated against which the applicability of the proposed solutions needs to be assessed.

RDA Working Group on Data Citation (Chair: Andreas Rauber)

The RDA Working Group on Data Citation (WG-DC) aims to bring together experts to discuss issues, requirements, and solutions for efficiently citing subsets of (potentially highly dynamic) data. The goal is to assure that subsections of data can be uniquely identified in the face of data being added, deleted or otherwise modified in a database, across longer periods of time, even when data is being migrated from one DBMS to another. We want to develop concrete recommendations for enabling this form of data citation and demonstrate its feasibility via the deployment of prototypes within existing data centers. This WG concentrates on the technical aspects of data citation solutions, focusing on proof of concept and prototype implementations. It will collaborate with other RGA working groups on PIDs and other topics under the umbrella of the Interest Group on Data Publication.

WG Homepage:

<https://rd-alliance.org/groups/data-citation-wg.html>

Current Recommendations:

<https://rd-alliance.org/groups/data-citation-wg/wiki/scalable-dynamic-data-citation-rda-wg-dc-position-paper.html>

AGENDA

Monday, 20 April 2015

- 9.00 – 9.15: Introduction to the Workshop: Objectives (C. Thanos)
- 9.15 - 9.30: Presentation of the Participants
- 9.30 – 10.00: The “Joint Declaration of Data Citation Principles” (A. Rauber)
- 10.00 – 10.45 US Project: “Citing Structured and Evolving Data”: Objectives and Findings (P. Buneman)
- 10.45 – 11.15 Coffee Break
- 11.15 – 12.15 RDA WG on “Data Citation”: Objectives and Findings (A. Rauber)
- 12.15 – 13.30 Each Participant gives a very short (5-10 minutes) statement about her/his view on the technological challenges in data citing; if the participant is a representative of a data organization (s)he could present some of her/his pressing needs for data citation.
- 13.30 – 14.30 Lunch
- 14.30 – 15.00 Participants presentations (cont.)
- 15.00 – 15.30 RDA WG on “Data Citation”: Live Demo of a prototype for creating citable subsets of dynamic data (S. Proell)
- 15.30 – 15.45 RDA WG Findings: revision of Discussion Topics List
- 15.45 – 16.00 Coffee Break
- 16.00 – 18.00 RDA WG Findings: Discussion/Analysis
- 18.00 End of the First day

Tuesday, 21 April 2015

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| 9.00 – 9.30 | RDA WG: Recommendations (A. Rauber) |
| 10.00 – 11.00 | RDA WG: Recommendations:
Discussion/Analysis of the Recommendations |
| 11.00 – 11.30 | Coffee Break |
| 11.30 – 13.00 | Discussion/Analysis of the Recommendations |
| 13.00 – 14.30 | Lunch |
| 14.30 – 16.00 | Summarization and Suggestions for Recommendations |
| 16.00 | End of the Workshop |