Data Curation and Preservation

IVOA May 2018, Victoria, Plenary 2

Françoise Genova

Data Curation & Preservation session

RDA activities and outputs, and their relevance to IVOA

- Françoise Genova
    - Summary of RDA current activities
- André Schaaff
    - Report from RDA Plenary 11 (Berlin, 21-23 March 2018)
- Carlo-Maria Zwölf
    - RDA-compliant Dynamic Data Citation interfaced with IVOA TAP services in VAMDC (demo)
    - Outputs of the Group of European Data Experts (GEDE) on PIDs
    - See also GWS – Activities on Federated Indentity Management
- Discussion

Among the highlights

- Registry for Materials Sciences presented for RDA Recommandation

  Inspired from the RDA Registry of Resources (R. Plante)

- Certification of Digital Repositories, following RDA Working

  Group Work for alignment of DSA and WDS criteria and procedures

- Disciplinary Collaboration Framework IG (D. Koureas/D. Schade)

- Provenance

- To examine: IVOA standards in standard directory(ies)

- In Europe: National Nodes set up in DE, FI, FR, GR, IR, IT, NL, SP+PT, UK –
  look for national activities. More Nodes to come.

Among the topics discussed

- Why liaising with RDA
  - High level aim for astronomy to be visible in an evolving landscape
  - Share what we do which can be interesting for others
    - Cf the Registry for Material Sciences inspired from IVOA's
  - Gather useful input for what we do
  - Share what we have learnt when building the IVOA
  - IVOA standards in RDA Standard Directory(ies)

- Data Management Plans & related RDA activities
  - Make them useful rather than an administrative burden

- Framework for data publication & citation (Scholix)
  - Why we should care whereas we already have an operational and used framework

- Certification of digital repositories
  - Several astronomy WDS members; CDS also DSA

Among RDA activities cited during the meeting (1)

- The way Agriculture is using RDA for its own needs
- IG & WGs DMPs
- WG Dynamic Data Citation
  - VAMDC implementation interfaced with the IVOA framework
- IG Disciplinary Collaboration Framework IG
- IG Federated Identity Management (also GWS)
- WG Provenance Pattern

Among RDA activities cited during the meeting (2)

- IG Software Source Code
- WG Storage Service Definition
- IG Repository Platform for Research Data
- IG Research Data Architectures in Research Institutions
- IG Virtual Research Environment
- WG Data Usage Metrics
- GEDE recs on PIDs
- BoF EOSC-related European projects

Topic proposed for the next meeting

- DOIs: assignment, granularity, etc
  - Requirements, exchange on implementation and lessons learnt, best practices

Looking Forward to Plenary 12: Botswana

Digital Frontiers of Global Science

INTERNATIONAL DATA WEEK
IDW 2018

Gaborone, Botswana: 5-8 November 2018

To find out more visit: **https://www.rd-alliance.org/plenaries/rda-twelfth-plenary-meeting-part-international-data-week-2018-gaborone-botswana**

Co-organised within the framework of
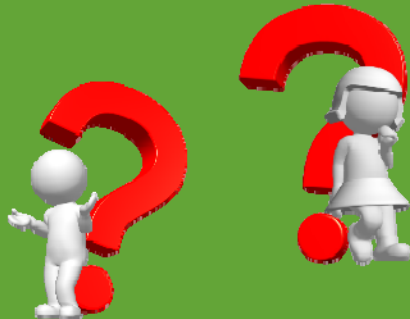International Data Week with CODATA & WDS

rd-alliance.org/plenaries

RDA's 13th Plenary Meeting
Philadelphia, Pennsylvania
March/April 2019

RDA in a Nutshell

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