Data Curation and Preservation

IVOA May 2017, Shanghai
Closing Plenary

Françoise Genova

The RDA activities and outputs (F. Genova)

- Intense activity, many WGs and IGs on different aspects
  - Disciplinary interoperability
  - Community needs
  - Data referencing and sharing (data publication & citation, provenance)
  - Data stewardship and services
  - Base infrastructure
- 18 Recommendations & Outputs – to be examined to check what can be useful for us
- RDA documents and publishes Adoption cases: assess the possibility for IVOA?

The RDA activities and outputs (F. Genova)

- Current interfaces
  - Dynamic data citation (VAMDC)
  - Certification of data repositories **>** all DSA/WDS certified repositories and those which intend to be
  - Provenance IG & Provenance Patterns WG **<** IVOA Provenance model
  - Disciplinary Interoperability Framework IG **<>** requirements/solutions + how to link RDA with disciplines –Ambassadors
  - PID information types **>** UCDs – to be assessed (PIDs for UCDs?)
- Key importance of data publication and citation
  - Go back to your national authorities to establish a national relay of DataCite so that you get support to be able to assign DOIs
  - Examples of implementation already discussed in IVOA, good topic to pursue for DataCP

VAMDC implementation of dynamic data citation (C.-M. Zwölf, N. Moreau)

- VAMDC is implementing the RDA recommendation to assign a PID to queries and to keep track of database content evolution (query store)

- This fits perfectly with the data provider requirement to be properly cited

- Implementation on a distributed system

- Not all astronomical use cases refer to this type of dynamic data but assigning PIDs is useful for all data providers by these days

- Contact Carlo-Maria if you are interested by his implementation

Feedback from RDA P9 (A. Schaaff)

- Among the topics of interest
  - Data management services in the Cloud (co-located event)
  - IG Big Data: Blue Brain Project Provenance is interested to interact to share our experience of Provenance; Minimum information about a Neuroscience dataset
  - IG Repository Platform for Research Data: Provision of use case on repository platform requirements
  - IG Federated Identity Management: Discussion ORCID/IVOA VOSpace/VAMDC – Use of ORCID to access VOSpace
  - WG Array Database: provision of an astronomical use case
  - Data Rescue IG: Survey
  - BoF Software Source Code sharing, preservation & reproducibility

RDA in a Nutshell

WWW.RD-ALLIANCE.ORG/
@RESDATALL

In About RDA/Who is RDA
https://www.rd-alliance.org/sites/default/files/attachment/
RDA_in_a_nutshell_April_2017.pptx

RDA Global

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