Data Curation and Preservation

IVOA May 2017, Shanghai Closing Plenary

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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

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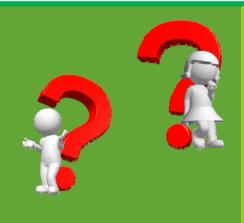
www.linkedin.com/in/ResearchDataAlliance

Slideshare -

http://www.slideshare.net/ResearchDataAlliance

In About RDA/Who is RDA

https://www.rd-alliance.org/sites/default/files/attachment/ RDA in a nutshell April 2017.pptx



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