Search, Publish, Link and Re-use the Data!

...but how?
Introduction & Thanks

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SEARCH, PUBLISH, LINK & RE-USE

ALL THE DATA
Search, publish, link & re-use all the data?
HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)

SITUATION:
There are 14 competing standards.

14?! RIDICULOUS!
We need to develop
one universal standard
that covers everyone's
use cases.

YEAH!

SOON:

SITUATION:
There are 15 competing standards.
What RDA is about:

Researchers and innovators openly share data across technologies, disciplines, and countries to address the grand challenges of society.

... building the social and technical bridges that enable global open sharing of data...

Researchers, scientists, data practitioners & information technologists from around the world are invited to work together to achieve the vision
Who is RDA?

Total RDA Community Members: 4476

Who is RDA?
www.rd-alliance.org/about-rda
What do they all do?
What do they all do?
What do they all do?
What do they all do?

Total 73 groups: 27 Working Groups & 46 Interest Groups
RDA Working & Interest Groups

Domain Science - focused
- Agrisemantics WG
- BioSharing Registry: connecting data policies, standards & databases in life sciences WG
- Rice Data Interoperability WG
- Wheat Data Interoperability WG
- Agriculture Data IG (IGAD)
- Biodiversity Data Integration IG
- Chemistry Research Data IG
- Digital Practices in History and Ethnography IG
- Geospatial IG
- Global Water Information IG
- Health Data IG
- Marine Data Harmonization IG
- Metabolomics Data Interoperability IG
- Quality of Urban Life IG
- RDA/CODATA Materials Data, Infrastructure & Interoperability IG
- Research data needs of the Photon and Neutron Science community IG
- Structural Biology IG

Community Needs - focused
- RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG
- Archives & Records Professionals for Research Data IG
- Data for Development IG
- Development of Cloud Computing Capacity and Education in Developing World Research IG
- Education and Training on handling of research data IG
- Engagement IG
- Ethics and Social Aspects of Data IG
RDA Working & Interest Groups

Reference and Sharing - focused
- Data Citation WG
- Data Description Registry Interoperability WG
- Data Security and Trust WG
- Empirical Humanities Metadata WG
- RDA / WDS Publishing Data Bibliometrics WG
- Research Data Collections WG
- QoS-DataLC Definitions WG
- International Materials Resource Registries WG
- National Data Services IG
- RDA/CODATA Legal Interoperability IG
- Reproducibility IG
- New Paradigms for Data Discovery

Partnership Groups
- RDA / TDWG Metadata Standards for attribution of physical and digital collections stewardship
- RDA/NISO Privacy Implications of Research Data Sets WG
- Repository Audit and Certification DSA–WDS Partnership WG
- RDA/WDS Publishing Data IG
- ELIXIR Bridging Force IG
# RDA Working & Interest Groups

## Data Stewardship and Services – focused
- Brokering Framework WG
- Brokering Governance WG
- RDA / WDS Publishing Data Services WG
- RDA / WDS Publishing Data Workflows WG
- Active Data Management Plans IG
- Data in Context IG
- Data Rescue IG
- Domain Repositories IG
- Libraries for Research Data IG
- Long tail of research data IG
- Preservation e-Infrastructure IG
- RDA/WDS Certification of Digital Repositories IG
- RDA/WDS Publishing Data Cost Recovery for Data Centres IG
- Repository Platforms for Research Data IG
- Research Data Provenance IG
- Virtual Research Environments IG

## Base Infrastructure – focused
- Array Database WG
- Data Foundation and Terminology WG
- Data Type Registries WG
- Metadata Standards Catalog WG
- Metadata Standards Directory WG
- PID Information Types WG
- Practical Policy WG
- Data Fabric IG
- Data Foundations and Terminology IG
- Data in Context IG
- Big Data IG
- Brokering IG
- Federated Identity Management IG
- Metadata IG
- PID IG
- Service Management IG
- Vocabulary Services IG
What do *they* do?
What do they do?
Figure 1. Solution-beneficiary clustering of WG/IG anticipated output products into quadrants.
Organisational & Affiliate Members

45 RDA Organisational Members

6 RDA Affiliate Members

https://rd-alliance.org/organisation/rda-organisation-affiliate-members.html
New Frontiers in Data Discovery: Collaboration with Research Libraries

• Technical + Social
• Test beds + Communities

“...an open environment of federated, interoperable, and integrated national-scale services.”
Thank you!
Images

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