

ISIO/IEC JTC 1/ SC32 WG2 Metadata

Call for Participation

Denise Warzel - Convenor

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Apology for not being here - YOU can make a difference!

- With deep regret, I was not able to make this trip
- I am entirely committed to the belief that RDA experts would add an extremely valuable element to the work of ISO SC32 WG2 Metadata committee
- The expertise and knowledge of RDA members bring real world problems
- You represent deep thought and analysis about how to address issues of interoperability and discoverability
- ISO SC32 WG2 offers the opportunity to bring you together with experts from different disciplines to make a real difference in standards development to meet RDA needs

Brief Background – ISO/IEC JTC 1/SC32 WG2

- **JTC 1/SC32 - Data Management and Interchange Standards**

- WG1 eBusiness

- **WG2 Metadata**

- “Metadata is structured information that describes, explains, locates, or otherwise makes it easier to retrieve, use, or manage an information resource.”

- National Information Standards Organization (NISO)

- Our mission is to develop and maintain standards for metadata, metamodels, and ontology that facilitate interoperability are human and machine usable

- WG3 Database Language

- WG4 SQL/Multimedia and application packages

Call for Participation! Join SC32 WG2!

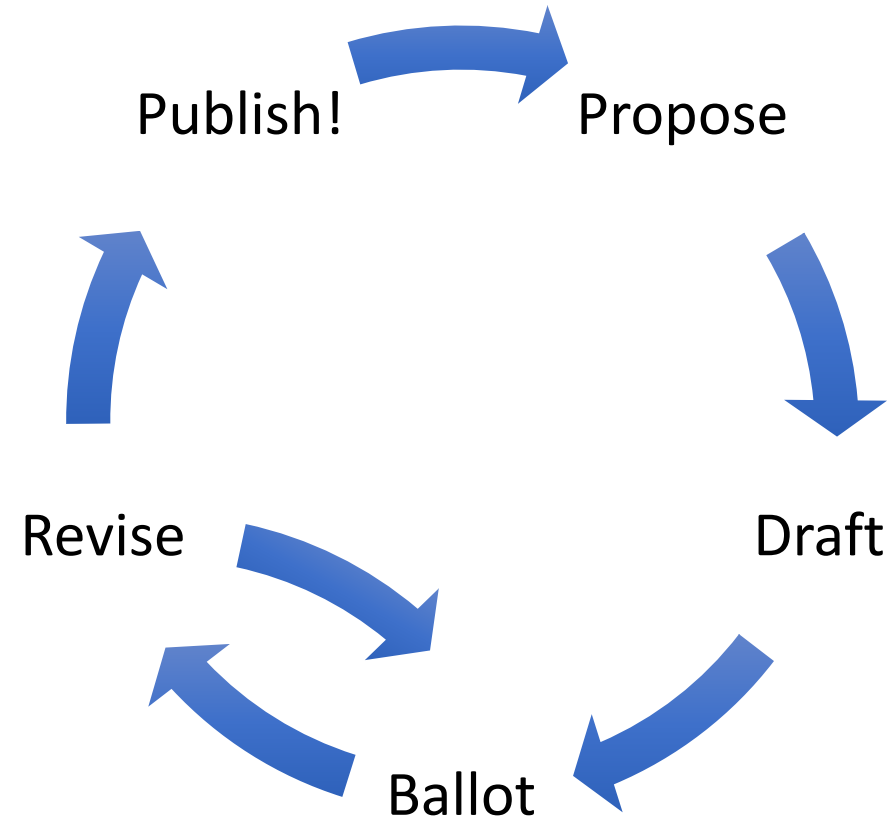
- Become a member of your National Body
 - 1-2 F-t-F INTERNATIONAL meetings per year, plus 2-4 WebEx meetings
- Influence, Guide, Develop Metadata Standards
- International community of Metadata experts
 - Most active in WG2 work:
 - Canada (SCC), China (SAC), Italy (UNI), Japan (JISC), S. Korea (KATS), US (ANSI), UK (BSI)
- Leadership Opportunities
 - Ad Hoc Chair – Lead inquiry into new area of work
 - Editor – Lead drafting for new Standard or Technical Report
 - National Body Chair – Lead meetings to review documents, prepare comments and establish vote

STANDARDS



The “Essential Standards Cycle” – Choose from 18, 24, 36, 48 months

- Propose Project Idea
 - Discuss in WG
- Develop a Draft and circulate to WG
- Iteratively Ballot
 - Address Ballot Comments
 - Revise Text
- Publish!



Currently Active Items

- **ISO/IEC 11179 Metadata Repositories (MDR) – Ray Gates - CA**
 - Multi-part standard for managing metadata about data
 - Edition 4 of 11179-3 – Simplify and Modularize to make adoption easier
- **ISO/IEC 19583 Metadata Concepts and Usage – Multiple Editors**
 - Series of TRs on using WG2 standards in real world applications
 - E.g. 11179-3 in SQL, Data Element Exchange (DEX), Registering and mapping processes
- **ISO/IEC 21838 Top Level Ontologies (TLO) – Barry Smith – US, Michael Gruninger - CA**
 - Requirements for TLO's and Parts describing standardized TLOs
- **Ad Hoc on Data Type Registry – Giridhar Manepelli - US**
- **Ad Hoc on Metadata for Big Data Quality – Sung Joon Lim - KR**

Potential New Areas of Work

- **Data Type Registry**
 - Interoperate between and across different types of digital objects originating from many different sources and disciplines
 - Define a core model that allows for extensions and customizations of “types”
 - Potentially leverage existing WG2 standards including 11179 and 19763
- **Metamodel for data mapping and transformation registration**
 - ETL Vendors create and store metadata to describe the mapping and transformations rules between data elements – rules are proprietary to each vendor
- **Additional Top Level Ontologies to extend 21838**
 - Part 1 – Requirements for Top Level Ontologies undergoing 2nd Ballot
 - Part 2 - Basic Formal Ontology balloting is underway
 - Inviting submissions of other TLO’s for standardization



WG2: Calling all
Metadata Experts!

We welcome you!

Expert

An expert is someone
with extensive knowledge
in a particular area.
Experts are called
upon for their expertise in prob-

Questions Contact:
Denise Warzel
warzeld@mail.nih.gov

