

Task Group on Metadata Application Profiles

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Charges

- Define Metadata Application Profile and its shareability
- Perform environmental scan and identify “prior art”
- Recommend plans and maintain profiles
- Relationship with stakeholders
- Training and documentation machine-generated

MAP

Members & Consultants

Karen Coyle (W3C, Liaison to the DCMI profiles group)

Corine Deliot (Consultant, British Library)

Nancy Fallgren (Consultant, National Library of Medicine)

Steven Folsom (Cornell)

MJ Han (Co-chair, University of Illinois Urbana-Champaign)

Les Hawkins (Library of Congress)

Nancy Lorimer (Stanford)

Lucas Mak (Michigan State)

Honor Moody (Harvard)

Chiat Naun Chew (Harvard)

Heather Pretty (Memorial University of Newfoundland, PoCo liaison)

Jackie Shieh (Co-chair, Smithsonian)

Cynthia Whitacre (OCLC)

Jodi Williamschen (Library of Congress)



Getting the basics

- Profile objectives and deliverables
- Ontologies/vocabs, e.g., RDA, BIBFRAME, RDF-based, etc.
- Intended audience/practitioners
- Plausible extension to RDA if not RDA based
- System implication
- Current and future workflows
- Human-readable and/or machine-actionable
- Relationship to MARC if any



Work to date

- Environmental scans
 - DCMi (K. Coyle)
 - BIBFRAME (J. Williamschen)
 - LD4 ARM (art & rare monographs) (S. Folsom)
 - DPLA (M. Della Bitta)
 - RDA (G. Dunsire) & EURIG (R. Behrens)
 - BIBFRAME Lite + (G. Gonzalez)
 - Sinopia (N. Lorimer)



Current states of the MAPs

- Created for a defined community
- Provides general guidelines for how a vocabulary (or vocabularies) should be used
- Entity requirements, e.g. core/cardinality/constraints
- Cascading decision process (if/else, preferences, etc.)
- Human legible and machine actionable
- Quality assurance for RDF validation at the early state
 - Orders of entities in relation to data cardinality and value constraints



Next steps

- Criteria for best practices when creating application profiles
- Intended audiences
- System platform considerations
- Workflows and outputs for profile editor design
- External sources for APs
- Data validation and quality control (tooling support needs)
e.g., constraint languages between Description Set Profiles and
Shape Expressions (RDF data shapes)

