RDF Application Profiles and Tools for Metadata Validation and Quality Control

DC2014 Special Session
October 9, 2014
http://bit.ly/dcmi14-rdfAP-panel

Schedule

- 1:30-1:40: Introduction
- 1:40-3:00: Presentations
  - Dave Wood (3 Round Stones)
  - Tom Johnson (DPLA)
  - Eric Miller (Zepheira)
  - Kevin Ford (Library of Congress)
- 3:00-3:30: Break
- 3:30-End: Discussion

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Discussion Questions

- How can Application Profile-based validation provide meaningful feedback to a user editing a "record" or set of statements?
- From the perspective of an implementer, what do we mean by "validation"?
- Does "validation" mean different things from the perspective of implementers building user-facing tools or automated systems to perform these checks?
- How are existing constraint languages valuable to implementers, particularly if the tools we are building cannot interpret or act on them natively?
- Should we prioritize developing tools that can interpret serialized constraint definitions, or ensuring that our tools and systems can serialize their constraints into one of these languages?
- How can validation requirements inform user interface design and behavior when building user-facing systems for metadata entry or validation?
- Are constraint languages or other representations of Application Profiles adequate for users to specify constraints, and if so, what background knowledge do we expect users to have when creating them?
- How important is validation? Lots of XML and the like are "invalid" per their schema, yet the world has not collapsed. Discuss.
- How can we embrace the concept of an open world assumption whilst investing in the closed world view necessitated by validation, which will surely be based on verifiable constraints?

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