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Bibliographic Standard Committee Virtual Annual Meeting

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Linked Data Implementation Steering Group (LDISG) Report

This year the LDISG, in partnership with the RBMS RDA Editorial Group and LD4 Rare Materials Affinity Group (RMAG), have reviewed resource templates for rare book cataloging in the linked data editor Sinopia. The RMAG created the resource templates, and the LDISG and RBMS RDA Editorial Group members reviewed those templates using the DCRMR as the cataloging manual. Throughout this process, the RMAG is using the Art and Rare Materials ontology to create resource templates, so this partnership also allows the LDISG to keep up with any potential issues and opportunities for further development. So far, the focus has been on developing resource templates that belong in the item profile.

As far as using the DCRMR in a linked data environment, the review that we've conducted so far has shown very few issues. One example of the types of issues we encounter is general rule 6.215.44.1 which relates to recording the signature statement and specifies: "Preface this note with the word "Signatures" and a colon". In the resource template for our linked data editor, RMAG has the label for the signatures resource template as "Signature statement". If we change that label to read 'Signatures:', however, we'll be able to bake that rule into the profile so catalogers won't have to type out the phrase. While in isolation this is a low stakes issue, taking the time to review and improve efficiency where we can will provide catalogers with time saving benefits. Another issue we've come across and have no clear solution for is that in the ARM documentation, pagination/foliation is modelled at the item level in the examples, but to be in alignment with DCRMR, the profile should have pagination foliation resource template at the instance level.

The LDISG has also been tracking ARM classes and subclasses and how those may map to RDA elements, should a further iteration of this group want to test working strictly within the parameters of RDA elements. So far, we are finding that using DCRMR in a cataloging environment that does not make use of RDA elements is working well and as expected. As the profiles for the instance begin to come to fruition, we may see more tension between creating the profile and applying DCRMR, but we don't anticipate there being any major issues cataloging with DCRMR in a linked data environment at this time.

As current members of the LDISG are rotating off, the group would like to share some recommendations for future projects, including but not limited to:

- Art and Rare Materials Ontology maintenance and improvement
    - Update versioning
    - Address potential discrepancies (RMAG seeks clarification regarding pagination foliation and other modelling recommendations)
- Linked Data Profiles
    - Continue working with LD4 Rare Materials Affinity Group on the rare book profile
    - Reach out to other groups who are working on profiles to discuss ARM ontology (LD4 Art & Design is one potential group)

- Educational outreach
  - Workshop or training in cataloging rare materials in linked data (this is likely a goal for the distant future)
  - Working with RMAG to solicit feedback on their profile once it is ready for community review

As far as future membership needs, this will largely depend on the projects chosen for the upcoming year. This year the LDISG has had two core members and one additional volunteer from outside of BSC, though everyone on the LD4 Rare Materials Affinity Group Profiles Working Group has had a major impact in the ability of this group to move forward since they were the ones creating the profiles. If the LDISG would like to continue to work with the RMAG, the current membership numbers are sufficient. If, however, the LDISG chooses to add another focus or to focus on a different issue, like ARM development for example, a larger group is recommended.