

PREMIS Implementation Fair Workshop

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ABSTRACT

This workshop provides an overview of the *PREMIS Data Dictionary for Preservation Metadata*, a standard addressing the information you need to know to preserve digital content in a repository. It includes a brief introduction to PREMIS and the launch of version 3.0, which changes the data model. In addition there are reports from the preservation community on implementation of the standard in various systems or contexts, in particular the integration of preservation systems that support PREMIS with other digital management systems.

General Terms

infrastructure, preservation strategies and workflows, case studies and best practice, digital repositories, preservation repositories

Keywords

Preservation metadata, Preservation repository implementation, Data dictionary

1. INTRODUCTION

The PREMIS Implementation Fair Workshop is one of a series of events organized by the PREMIS Editorial Committee [1] that has been held in conjunction with previous iPRES conferences.

At iPRES 2015, the workshop will give the audience a chance to understand the PREMIS data dictionary's new version 3.0 and give implementers, and potential implementers, of the *PREMIS Data Dictionary for Preservation Metadata* an opportunity to discuss topics of common interest and find out about latest developments.

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2. OUTLINE OF WORKSHOP CONTENT

2.1 Overview of the revised PREMIS Data Dictionary

The *PREMIS Data Dictionary for Preservation Metadata* [2] is the international standard for metadata to support the preservation of digital objects and ensure their long-term usability. Developed by an international team of experts, PREMIS is implemented in digital preservation projects around the world, and support for PREMIS is incorporated into a number of commercial and open source digital preservation tools and systems. This session provides an overview of the PREMIS Data Model as it has been revised in version 3.0. This revision widens the scope of the types of objects that PREMIS may be used to describe, allowing for the description of intellectual entities. It includes an enhanced ability to describe the components of environments comprised of software and hardware, thus expanding the scope to include physical objects. The session explains the model behind how environments are handled in version 3.0; software and hardware may be described as agents responsible for events and also may be part of compound objects that describe an environment which itself must be preserved.

2.2 Integrating PREMIS into the wider digital ecosystem

There are various efforts underway to integrate systems that provide different roles and functions in the management and preservation of digital objects. This session reviews how different types of digital preservation and management tools, such as ArchiveSpace, Archivematica, DSpace, BitCurator and Islandora, might work together to aggregate or exchange PREMIS metadata and provide a more comprehensive digital preservation solution.

2.3 Implementation reports

Reports from the preservation community will discuss implementation in various standards and contexts. Representatives from the Netherlands Institute for Sound and Vision and the Museum of Modern Art in New York will discuss their PREMIS implementations. Others in attendance are encouraged to present the choices they have made in implementations and issues encountered, engendering discussion from the participants. Discussion often results in proposed revisions of the PREMIS standard.

3. WORKSHOP SERIES

The PREMIS Implementation Fair at iPres 2015 will be the seventh in a series that have been held in conjunction with iPres since 2009. These events are intended to highlight PREMIS activities, discuss issues concerning implementation, and provide a forum for implementers to compare their activities, issues and solutions. Because this is a rapidly changing area, it is important to provide continuous updates.

4. INTENDED AUDIENCE

The workshop is designed for those involved in selecting, designing or planning a preservation project or repository using preservation metadata. This includes digital preservation practitioners (digital librarians and archivists, digital curators, repository managers and those with a responsibility for or an interest in preservation workflows and systems) and experts on digital preservation metadata and preservation risk assessment.

5. SHORT BIOGRAPHIES OF ORGANIZERS

Karin Bredenberg works as a technical advisor in metadata at the National Archives of Sweden. She is at the same time responsible for the work with creating national profiles of standards used in e-archiving in Sweden. She is a member of the PREMIS Editorial Committee as well as the METS Board. She further acts as a member of the Technical Sub-Committee on EAC-CPF, the Technical Sub-Committee on EAD and the Schema Development Team with the Society of American Archivists.

Evelyn McLellan is President of Artefactual Systems Inc., a Canadian company which develops open-source software for archives, libraries and museums. She is a member of the PREMIS Editorial Committee and the Conformance Sub-Committee.

Rebecca Guenther has been Chair of the PREMIS Editorial Committee on which she has served since its establishment in 2006. She worked at the Library of Congress on metadata standards in the Network Development Office for 22 years and is currently an independent consultant in New York on metadata development and training. She also continues to work periodically for the Library of Congress. She was co-chair of the original PREMIS Working Group which developed the *PREMIS Data Dictionary for Preservation Metadata*.

6. PROCESS FOR SOLICITING CONTRIBUTIONS

Contributions will be solicited from the PREMIS Implementers' Group via its discussion list (pig@loc.gov). To subscribe go to: <http://listserv.loc.gov/listarch/pig.html>. The PREMIS Editorial Committee will review all requests. If this workshop proposal is approved, then a call will be sent for contributions to the implementation portion, the deadline for which will be within a month.

7. REFERENCES

- [1] PREMIS Maintenance Activity, <http://www.loc.gov/standards/premis/>
- [2] PREMIS Editorial Committee. 2012. *PREMIS Data Dictionary for Preservation Metadata* (Library of Congress). <http://www.loc.gov/standards/premis/v2/premis-2-2.pdf>