

PREMIS IN A PAGE

A beginner's guide to the PREMIS Data Model

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Abstract - This poster from the PREMIS Editorial Committee will provide a high level overview of the PREMIS data model, aimed at providing an introduction to those who are unfamiliar with it.

Keywords - PREMIS, Metadata, Data Model, Preservation Metadata

Conference Topics - From Theory to Practice; We're All in this Together

I. INTRODUCTION

PREMIS (PREservation Metadata: Implementation Strategies) is a de facto international standard for describing Preservation Metadata, i.e. the information that a repository uses to support the digital preservation process. Since its inception, it has been the result of international collaboration between many organizations and institutions, with representation from digital preservation practitioners and from producers and vendors of digital preservation systems.

It is formally defined by the PREMIS Data Dictionary[1], which runs to over two hundred pages. It is also described in an XML Schema and an OWL Ontology. The length and complexity of these three documents presents a high barrier to entry for anyone trying to learn and understand the PREMIS data model.

The core ideas of the PREMIS data model can be presented more succinctly, and independently of either the XML or OWL implementations. This poster will aim to provide an easy-to-follow overview of the most important aspects of the PREMIS data model,

without introducing too many technical details of XML or OWL.

II. Description of The Poster

The Data Dictionary itself provides very high level diagrams of the main PREMIS entities, and detailed descriptions of them. It also provides some examples of how specific content can be modelled, however these are also at a detailed level.

This poster is intended to bridge that gap between the very high level, and very detailed. It will consist of a diagrammatic representation of the data model, with brief explanations of each entity, and their relationships to each other, using the diagram in the Data Dictionary as a base for expansion.

It will contain a similar diagram expanding on each of the PREMIS Object types and an explanation of how they are linked together to describe digital content. Again, this will start from the base of the diagram in the data dictionary, but will expand to demonstrate the key, and mandatory attributes of each.

Finally, these concepts will be further illustrated with easy to follow examples, using similar diagrams for consistency.

III. Intended Audience

This poster is mainly targeting 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) who are not familiar with PREMIS and are seeking a high level overview.

1. REFERENCES

- [1] PREMIS Editorial Committee. 2015. PREMIS Data Dictionary for Preservation Metadata. Accessed 2023 located at <http://www.loc.gov/standards/premis/v3/premis-3-0-final.pdf>. Web archived: archive.org,, archive time: 2017-02-10 06:23:29 UTC archived URL: <http://www.loc.gov/standards/premis/v3/premis-3-0-final.pdf>.