InterPARES 2 Project
International Research on Permanent Authentic Records in Electronic Systems

Modeling Cross-Domain

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Topics

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- Makeup of the Team
- Models
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- Collaboration
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Objectives

- Represent conceptually the activities and entities involved in preservation of authentic electronic records
- Assist case studies to analyze data
- Communicate the results of the research
Makeup of the Team

Archival studies researchers
Archivists
Computer scientists
Computer engineers
Graduate student research assistants
Case study researchers in modeling activities & entities & in doing walkthroughs
Chain of Preservation Model

- Called MCP model
- A major effort of InterPARES 2
- Integrates three previous activity models
  - Creation & maintenance of ER (UBC-DoD)
  - Selection function (InterPARES 1)
  - Preservation Function (InterPARES 1)
- Depicts all the activities carried out during life-cycle management of electronic records
Why We Need MCP Model

• Provides a conceptual framework
• Provides an ideal against which to evaluate actuality
• Provides a vehicle for clear expression of ideas about long-term preservation of electronic records
Why a Second Model

• The MCP Model is from the perspective of the preserver
• The picture is somewhat different from the viewpoint of the records creator
• The second business process model aims to presents another hypothesis about what is needed to preserve authentic electronic records
• These views are both represented in current archival discourse, but not always carefully articulated
Entity Model

• Sets the parameters of the high level entities involved in managing the chain of preservation

• Work with the case studies and other teams will bring lower level entities to light and lead to further entity modeling
Walkthroughs

• Test the models by assessing the extent to which the case study data fits the model
• Show where the model needs refinement or where the situation being studied is lacking in something necessary for preservation of authentic electronic records
Collaboration with Other Units

- With Description Cross-Domain on metadata for records creation, maintenance, use, selection, and preservation
- With Policy Cross-Domain on policies and procedures that creators and preservers need to have in place
- With Terminology Cross-Domain
- With the Focus and Domain Teams
Dissemination

• Conference presentations (10)
  – To archival associations
  – To staffs of archival institutions
  – To related scholarly associations
  – To industry groups

• Publicizing the models and glossaries on the Web site

• Publication of articles
Challenges

• To spread knowledge of methodology to researchers
• To live with constantly evolving models
• To translate understanding of the models to outsiders