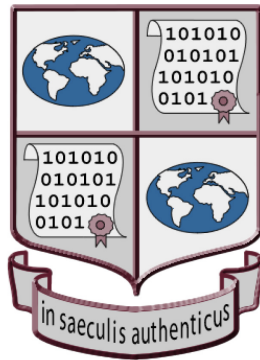


InterPARES 2 Project

International Research on Permanent Authentic Records in Electronic Systems



The InterPARES Project

An International Collaboration for Digital Preservation

DigCCurr 2007

• ***Philip B. Eppard***

– ***Co-chair, U.S. InterPARES Research Team***



InterPARES Project

Philip Eppard

Co-chair, U.S. InterPARES

Background to InterPARES

- First UBC Project, 1994-1997
- Creating and maintaining records
- Authenticity of records
- DoD 5015.2 standard for electronic records management systems



InterPARES 1

1999 - 2001

- 13 countries in 4 continents, 60 researchers
- Public and private sectors
- Professional stakeholders and academics
- Archival science, diplomatics and records management, plus computer science and engineering, jurisprudence, policy



InterPARES 1

Purpose

- To develop the theoretical and methodological knowledge essential for the permanent preservation of records generated electronically.
- To formulate model policies, strategies, and standards capable of ensuring their preservation.



InterPARES 1

Key Products

- Activity models for the selection and preservation functions
- Framework for requirements for assessing & maintaining authenticity of electronic records
 - Benchmark requirements supporting the presumption of authenticity
 - Baseline requirements supporting the production of authentic copies of electronic records



Benchmark Requirements

- Maintain expression of record attributes relating to identity and integrity
- Control access privileges
- Protective procedures to prevent loss or corruption of records
- Protective procedures to prevent media deterioration
- Procedures for maintaining documentation



Baseline Requirements

- ◆ Maintain controls over records transfer, maintenance, and reproduction
- ◆ Retain documentation of reproduction process and its effects
- ◆ Capture changes to records through archival description



InterPARES 2

2002 - 2006

- 15 countries in 4 continents, 74 researchers
- Public and private sectors
- Academics and professional stakeholders
- Expanded interdisciplinary team, adding researchers from various sectors of the arts and sciences to team of archivists, preservationists, computer scientists and engineers, legal and policy experts.



InterPARES 2

Purpose

- Focus on newer kinds of electronic records: dynamic, interactive, experiential
- Develop understanding of their creation, maintenance, and preservation
- Develop methods for creating, maintaining, and preserving accurate, authentic, and reliable records in the arts, sciences, and government



Project Organization

- Research Domains
 - Records Creation and Maintenance
 - Authenticity, Accuracy and Reliability
 - Methods of Appraisal and Preservation
- Focus Areas
 - Arts activities
 - Science activities
 - E-Government activities



Project Organization (cont.)

- .Cross-Domain Research Groups
 - . Description (Metadata)
 - . Modeling
 - . Policy
 - . Terminology



InterPARES 2 Methodology

- Literature reviews
- Case studies
- Surveys and general studies
- Modeling: Data Flow diagrams, IDEF0, UML
- Literary warrant analysis



Case Study Research

- Case studies of dynamic, interactive, and experiential records in the arts, science and government
- Intensive, structured interviews based on set of 23 questions that researchers need to answer
- Case study findings essential for providing data to answer IP research questions



InterPARES 2 Key Products

- Manage Chain of Preservation Model
- Business Driven Recordkeeping Model
- Principles for Records Creators & Preservers
- Guidelines for Digital Records' Preservation
- Guidelines for Individuals
- Metadata and Archival Description Registry and Analysis System (MADRAS)
- Terminology database



InterPARES and Digital Curation

- Training new researchers and educators
- Case study methodology and examples
- Integrating preservation with other processes
- Metadata schema analysis
- Policy recommendations



Further Information

- InterPARES Website:
www.interpares.org
- U.S. InterPARES Website:
www.gseis.ucla.edu/us-interpares
- MADRAS:
www.gseis.ucla.edu/us-interpares/madras

