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

The InterPARES Project
An International Collaboration for Digital Preservation
DigCCurr 2007

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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, diplomastics 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