

July 2010 Partners Meeting Breakout Session

Modeling Interactions Between Repositories for the NDSA: Towards a Distributed and Collaborative Framework for Preservation, Breakout Session #8

NDIIPP Annual Meeting
Wednesday, July 21, 2010
4:15pm – 5:30pm

Presenters: Martin Halbert, University of North Texas
David Minor, UCSD, San Diego Supercomputer Center
Tyler Walters, Georgia Institute of Technology

Attendees: 13

MetaArchive & Chronopolis

- MetaArchive: fostering more knowledge and understanding of digital preservation
- Chronopolis: philosophically share purpose with MetaArchive, but operationally achieve them very differently
- we are tool-agnostic: we go for what's best, not only what's available to us now [currently use BagIT format]

Lessons learned from MetaArchive

- Cultural memory organizations must continue to evolve to maintain their historical role as cultural stewards
 - preservation of digital assets as corollary to preserving physical ones
 - importance of building in house expertise and knowledge
 - value contributed by curators, librarians, and archivists to the digital preservation field
- Importance of catalyzing and capitalizing on cultural memory organizations' proven preservation methodologies
 - replication of content
 - distribution of content
 - partnering to keep costing affordable

Strengths of Distributed Digital Preservation

- Replicated copies stored in geographically diverse locations have a better chance of survival
- Can embed preservation infrastructure and knowledge in cultural memory organizations
- Can enable multiple instances to be monitored separately (lessens human error and malicious behavior possibilities)
- Emphasizes collaboration and trust

Many descriptive/proscriptive charts/representations offered [*see slides]

Important questions for DDP initiatives [like NDSA] to face

- With whom are agreements made?
- What happens if a replication site drops out?
- Tracking who has curatorial responsibility (is it transferred? To the network or to individual repositories)?

