MetaArchive of Southern Digital Cultural
Partners in a dispersed redundant dark archive
http://www.metaarchive.org

Goals
1. Conspectus of digital content within the subject domain held by the partners.
2. Harvested body of critical content preserved (3 TB per institutions) in a dark archive.
3. Model cooperative agreement for ongoing collaboration.
4. Distributed preservation network infrastructure based on the LOCKSS software.

Other Features
• Flexible organizational model
• Capability for migrating archives
• Self-sustaining incentives
• Simple preservation exchange mechanisms with the Library of Congress

Software: open source
• Operating System
  – RedHat Linux Enterprise AS v. 3/4
• Content Ingestion/Replication
  – LOCKSS Daemon 1.8.3
• Conspectus Database
  – MySQL/PHP Interface

Standards-based: OAIS Reference Model
• OAI-PMH 2.0 using as alternative to current LOCKSS AU strategy w/ETDs – VaTech, GaTech, FSU

Collection Description Metadata Schema based on UKOLN RSLP
+ LOCKSS Manifest Page: “MetaArchive partners have permission to collect, preserve, and serve this Archival Unit to MetaArchive partners.”
+ Risk Ranking
+ OAI-PMH Data Provider URL

Rights Issues
Fair Use?
Library?
Public domain?
Permission?
Acceptable risk?

Beyond Rights Issues
• Rights of publicity – Names, images, likeness
• Rights of privacy
• Common-law or state statutory protections
• Practical meaning of “infringement” in the context of a “dark archive?”
• How can the law address works that have no “owner?”

Collaborations
• Communication
  -- Telephone conference, video conference I2, iVocalize Chat/VOIP Room, Wiki, PhpCollab
• Kickstart Installations for Linux Servers
• Issues to Study
  -- Dynamic content
  -- Format migration (7/1/5 NEH proposal)

Hardware: off-the-shelf
• Dell/Intel Based Hardware
-- Could easily be HP or SUN Intel Based Hardware etc.
-- Could be old desktops w/large hard drives.
• New Low Cost SATA SAN: EMC AX100
-- $4.00 per GB and dropping

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