

BASICS OF DIGITAL PRESERVATION

By: Kim Schroeder

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Basics of Digital Preservation

- ▣ Establishment of Format Limitations
 - Encoded Format
 - ▣ Proprietary Software/Open/Interoperable
 - Storage Format
 - ▣ Temporal or Stable
 - Hardware Restrictions
 - ▣ Maintained by Manufacturer
 - Online Transience
 - ▣ Web Pages
 - Human Expectations
 - ▣ Email

Basics of Digital Preservation

- ▣ Appraisal of Content Value
 - Determination of Historical Research Value
 - ▣ How Many Versions
 - Current Day to Day Value
 - ▣ How Long Will it Be Needed for Current

Basics of Digital Preservation

- ▣ Develop Plan for Preservation of Content
 - Migration Schedule
 - ▣ Based on What is Known
 - New Format Analysis
 - ▣ Evaluating Potential
 - Metadata
 - Storage for Digital Originals
 - ▣ Virtual, Off-site, Multiple, Near Access

Basics of Digital Preservation

- ▣ Establish Detailed Back-up Schedule
 - Regular Back-ups
 - Off-site Storage
 - Crowd Storage
 - Trusted Repository
 - ▣ CRL Sanctioned
 - http://www.uibk.ac.at/reuse/docs/reuse-d11_whitepaper_10.pdf
 - <http://www.portico.org/digital-preservation/the-archive-content-access/archive-certification>
 - http://www.crl.edu/sites/default/files/attachments/pages/trac_0.pdf
 - <http://freegovinfo.info/node/3231>

Basics of Digital Preservation

- ▣ Create Process to Analyze Data Integrity
 - Run Checksum on Digital Files
 - Establish Regular Review of Files

Basics of Digital Preservation

- ▣ Build in Regular Analysis of Process
 - Improve Process
 - Change as New Technologies Evolve

Basics of Digital Preservation

- ▣ Share with Others
 - Being a New Field it is Vital that we Communicate
 - Listservs
 - Professional Associations
 - Social Networking
 - Education of Stakeholders