

Report WS 7 ELAG 2007

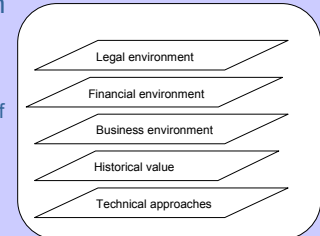
Preservation of Digital Content



Scope

- Risk assessment, trustworthiness
- OAIS
- Digital preservation strategies

Seamus Ross, University of Glasgow
Emmanuelle Bernes, BnF
Caroline van Wijk, KB



Objective

- Raise awareness
- Share experience

Belgium, Czech Republic,
Finland, Italy, Slovenia, Spain



Risk assessment, audit

Trustworthiness repository:

- Center for Research Libraries certification
- TRAC audit/certification group
- NESTOR criteria
- DigitalPreservationEurope & Digital Curation Center: DRAMBORA

Risk assessment, audit

6 steps in the assessment:

1. Identification of objectives
2. Identification of policy and regulatory framework
3. Identification of activities and assets
4. Identifying risks related to activities and assets
5. Assessing risks
6. Managing risks

Risk assessment, audit

- Agreement on importance
- Not only technical risks, also organisational, legal; closely connected to mandate institution
- Audit/certification: marketing, self-assessment!
- Costs!

OAIS

- Implementation at BnF
- Roles and responsibilities; policies
- Digital cultural heritage; content
- Functional model

OAIS

- Content; digitisation, priority decisions, legal deposit laws, web archiving; unknown characteristics
- Organisational question; centralised approach?
- Storage; LOCKSS, GRID, tape etc. - media refreshment cycle

OAIS

- Can be intimidating; when familiar very **useful**
- Implementation makes concrete
- Requested: OAIS-lite
- Requested: add marketing function

Digital Preservation Strategy

- Starts at CREATION
- Access
- Storage
- Standards
- Procedures

* JISC

Digital Preservation Strategy

- Digitisation; importance characterisation, (technical) metadata for management
- Access; archive the context for usability
- Standards: used for creation and access, MIX, PREMIS, OAIS, PDF/A
- Procedures: quality control

Open Topics

- Packaging formats; metadata
- Technical approach future access; migration, emulation, Universal Virtual Computer etc.
- Storage