*Memory is the human faculty
of retaining and reproducing present
and past thoughts, objects, habits, culture
for future generations independently
from circumstances that provoked them*

D P E members

www.digitalpreservationeurope.eu

digital preservation *e*urope

raising awareness on digital memory preservation challenges

What is DPE?

Digitalpreservationeurope (DPE) intends to create a coherent platform for proactive cooperation, collaboration, exchange and dissemination of research results and experience in the preservation of digital objects

Vision

Objectives

Two macro objectives:

1. to foster collaboration and synergies among on-going projects and existing initiatives across the ERA [repositories and audit and certification tools]

2. to raise up awareness on digital preservation challenges among different user communities [different level of awareness on the subject and its strategic significance]

digital preservation europe

Cooperation Agreement CASPAR + PLANETS

- a web platform with common services, a calendar of events, a bulletin board, resources

- shared publications

- joint events

- common training calendar and joint courses (NICE meeting)

Advocacy and Outreach

- Foster awareness of digital preservation among funding agencies

- Promote awareness of innovative practice amongst researchers in archive, library and information sciences departments, computer science and schools of engineering

- Raise awareness among small and medium enterprises across Europe

- Reach out to the Ministries of Culture and Education across Europe

- Establish cooperation with key organisations and projects active in the field

Training and Continuing Professional Development

- Creation of a Trainer and Training Materials Repository

- Coordination Framework for Training and Education

- Co-ordinate and deliver DPE Training Programme

Co-ordination of EU Repository Activities

- Inventory of repository activities
- Workshops for key repository guidance documents
- Facilitate the collection of repository experiences
- Repository Planning Checklist
- Unique identifier and resolver service

Audit and Certification Services

- Digital Curation Centre (DCC) and DigitalPreservationEurope (DPE) audit toolkit:

DRAMBORA

Digital Repositories Audit Method Based

on Risk Assessment

"Actual risks can be assessed and measured – actual risks can be managed"

Certification

Audit and Certification Services

DRAMBORA encourages repositories to:

- **Develop an organisational profile**, describing and documenting mandate, objectives, activities and assets;

- **Identify** and **assess** the risks that impede their activities and threaten their assets;

- **Manage** the risks to mitigate the likelihood of their occurrence;

- Establish effective **contingencies** to alleviate the effects of the risks that cannot be avoided

Audit and Certification Services

- The purpose of the DRAMBORA toolkit is to facilitate the auditor in:

    - **defining the mandate and scope** of functions of the repository

    - **identifying the activities and assets** of the repository

    - **identifying the risks** and vulnerabilities associated with the mandate, activities and assets

    - **assess** and calculate the risks

    - define **risk management** measures

    - **report** on the self-audit

<u>Preservation Research Roadmap</u>

The DPE research roadmap aims to provide a mechanism for identifying the most important research issues for digital preservation

Executive Summary
Introduction
Analysis of Previous Research Agendas
DPE Recommended Research
Conclusions and Recommendations
Appendices

Preservation Research Roadmap

It has been validated and supported by:

- interviews with experts in the field of digital preservation

- an accompanying online survey, giving the opportunity for public comment
  (http://www.digitalpreservationeurope.eu/delphi-survey)

Preservation Research Roadmap

The Roadmap aims at contributing to the planning of our future R&D in Digital Preservation by means of different actions:

- analysing the state of the art in Digital Preservation research and already existing research agendas on a global level;

- researching the needs and demands from the point of view of the Digital Preservation user communities and their leading experts;

- researching the needs and demands of future markets for technology and service providers

**Crosswalk Analysis Matrix
Categories of existing agendas**

Digital Object Level

Collection Level

Repository Level

Process Level

Organisational Environment

Research Roadmap

DPE Recommended Research

- ➢ **Restoration**
- ➢ **Conservation**
- ➢ **Management**
  - ➢ **Risk**
- ➢ **Significant Properties**
- ➢ **Interoperability**
  - ➢ **Automation**
    - ➢ **Context**
    - ➢ **Storage**
- ➢ **Experimentation**

Community building

1. Cooperation with other projects and international initiatives
   "Cooperation Agreement"

2. DPE and its Associate Partners
   "Associate partners – Terms of Reference"

3. DPE and its User Community
   "Registration Agreement"

Register to the DPE community:

www.digitalpreservationeurope.eu/mou

DPE publications

**Briefing papers,
Case studies & Position papers**

1. **Briefing papers**

   - Effective form of communication

   - Focus on specific concepts (technical/
     organisational)

   - Topic/user oriented

**Briefing papers,
Case studies & Position papers**

2. **Case studies**

  • Relevant experiences carried out by organisations, companies or single experts

  • Designed to illustrate examples of common problems faced by the user community

  • Tried and tested means of overcoming obstacles and challenges

Briefing papers,
Case studies & Position papers

3. Position papers

- a series of thought provoking and controversial papers on a range of issues surrounding digital preservation

- to promote vigorous debate within the digital preservation community

- to encourage people to think about digital preservation in new and innovative ways by exploring and challenging the received wisdom

Competence Centres for digital curation and preservation

- Analysis of **current practices** not only in the cultural heritage sector, e.g. research, industry, healthcare, …

- **Benchmarking** model proposal

- Starting point: the centre cannot be isolated from its **target community** and it must provide a useful service for that.
  Benefits for users must be evident !!!

- **Sustainable models** must be defined

Toda

Check it out & contribute to DPE:

www.digitalpreservationeurope.eu

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Conclusions