



# **DIGITAL PRESERVATION EUROPE: TRAINING AND EDUCATION**

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Information Society



# Introduction



digital preservation Europe



Information Society





iPRES

DP

DP  
Training  
& Education

Why?



# Attention to digital preservation (DP)

Growing attention to DP is explained by two factors:

1. In the contemporary society information is treated as a strategic asset which supports democratic processes and impacts the economic prosperity of the society as well as quality of life citizens
2. Information and communication technologies which became a new media and a channel for distribution of knowledge and exchange ideas

Curators-consultants/educators in diverse contexts of DP



# Segmentation of knowledge

- Purchase of knowledge
- Accumulation of knowledge
- Protection of knowledge
  
- **Spread of knowledge**



# Training and education: the European context

- Education of digital curator should combine the focus on labour market requirements with training the ability to learn and master new skills and knowledge
- Skills to manage and perform research in practical settings are increasingly important for contemporary digital curators
- Effectiveness of training and education of digital curators is achieved by tuning learning objectives with appropriate content and teaching methods



# Digital Preservation Europe (DPE)

- fosters collaboration & synergies between existing national initiatives across the European Research Area
- addresses the need to improve coordination, cooperation, and consistency in current activities to secure the longevity digital materials



# DPE vision

1. Create a coherent platform for proactive cooperation, collaboration, exchange and dissemination of research results and experience in the preservation of digital objects
2. To increase prevalence of preservation services and their viability and accountability
3. Improve awareness, skills, and available resources





# Project partners

- HATII, University of Glasgow
- Technische Universität Wien
- Statsbiblioteket
- Nationaal Archief van Nederland
- Národní knihovna Ceske republiky
- Ministero Per I Beni E Le Attività Culturali
- Fondazione Rinascimento Digitale
- Vilnius University Faculty of Communication
- FernUniversität Hagen (representing *nestor*)



# DPE training and education programme

- Creation of a Trainer and training materials Repository
- Building a federation of DP trainers within Europe
- Coordinate and deliver DPE Training programme



# Major categories of the main objectives and principles of training and education

- General, determining major goals and methods of instruction relevant to DP (*how to teach?*)
- Thematic, determining the learning objectives of particular DP topics (*what to teach?*)



# General training and education objectives

- An integral part of training and education
- To educate a reflective professional and make decisions in complex real-life situations
- DP professional should rely on solid knowledge and make decisions



# General training and education principles

- Development of competencies and capabilities
- Balanced menu of disciplines and links to existent body of professional knowledge
- Problem-based learning



# The thematic elements of the DP framework

1. Digital preservation concepts
2. Strategic planning for DP
3. Selection and appraisal for DP
4. Legal aspects of DP
5. Metadata
6. Preservation strategies/methods
7. Storage and maintenance
8. Business planning and economics of DP
9. Quality assurance and control



# DPE training events

- DPE, Planets, nestor, CASPAR
- Audience (practitioners, researchers, developers)
- Training techniques (face-to-face training, on-line training tools)
- Number and duration of courses (5 two weeks long)
- Location (5 EU countries)
- Training fee (100-250 Euros; discount)
- Promotion of training courses
- Evaluation of training courses



# Modules

1. General introduction into DP
2. Management of DP initiatives
3. Training and continuing professional development
4. Trusted Repositories
5. Digital repository audit and certification
6. Research and practitioner integration
7. DP tools





# First joint DPE/Planets/nestor training event

- Topic – “Principles of Digital Preservation: a hands-on approach”
- 1-5 of October 2007, Vilnius (Lithuania)
- 5 days of on-line training tools, 5 days of face-to-face training
- Cooperation with the international conference “*Communication of memory in archives, museums and libraries: the interaction of science, policy and practice*”, 4-5 October 2007
- Lectures – Stefan Strathmann, Michael Day, Hans Hofman, Manfred Thaller, Christoph Becker, Audronė Glosienė
- Participants – 26
- <http://www.wepreserve.eu/events/dpe-planets-vilnius-2007/>



# Agenda

- **Lecture/Exercise I.** Introduction in Digital Preservation
- **Lecture/Exercise II.** OAIS Reference Model
- **Lecture/Exercise III.** Preservation metadata
- **Lecture/Exercise IV.** File Formats and significant properties
- **Lecture/Exercise V.** Trusted repositories
- **Lecture/Exercise VI.** The Preservation Planning Process and Planets
- **Lecture/Exercise VII.** Identifying essential characteristics of digital objects: the Planets approach



# Participants of 1<sup>st</sup> training event have

- An awareness and understanding of key DP issues and challenges
- An appreciation of the range of roles and responsibilities involved with DP activity
- A developed understanding of the role and use of metadata
- A familiarity with file formats currently considered beneficial for preservation
- An insight into the concepts of trust and trustworthiness in the context of DP
- An understanding of the “utility analysis” methodology within the framework of preservation planning and opportunity to build objective trees for different types of digital objects within their own institutions



# Future plans

- 4 training events in EU countries
- Improvement quality of training events
- Promotion of training events
- Calling everyone's attention to DP

[www.digitalpreservationeurope.eu](http://www.digitalpreservationeurope.eu)





# Will you take part in DPE trainings?...

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