

## **Digitisation: "How will I read this conference in 25 years time" - Part 2: DHO Preservation Strategies**

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Lighting the Future: Strategies for Education and Research Networking.  
HEAnet's National Networking Conference

# + Digital Humanities Observatory

- Part of the Humanities Serving Irish Society (HSIS) consortium to develop an all-island inter-institutional research infrastructure for the humanities
- Defining, promoting and implementing best practices for...
  - Digitisation
  - Archival
  - Curation
  - Discovery
  - Presentation
- 3 years funding under cycle four of the Programme of Research in Third Level Institutions (PRTLII)

# + Addressing preservation in 3 years

- Work with partners
- Exploit national infrastructure and services
- Create interoperable and shared services
- Promote and deploy best practices
- Implement specific preservation strategies
- Create preservable digital content

# + HSIS partners: digital content creation and use

- **An Foras Feasa**
  - National University of Ireland, Maynooth (NUI Maynooth)
  - Dublin City University (DCU)
  - Dundalk Institute of Technology (DKIT)
  - St. Patrick's College
  
- **The Global Ireland Institute**
  - University College Dublin (UCD)
  - Institute of Technology, Tallaght (ITT)
  - Queen's University Belfast
  
- **Texts, Contexts, Cultures**
  - National University of Ireland, Galway (NUI Galway)
  - Trinity College Dublin
  - University College Cork
  
- **Unaffiliated HSIS Partners**
  - National College of Art and Design (NCAD)
  - Royal Irish Academy
  - University of Ulster

## + e-INIS partners: technical support and infrastructure

- ICHEC, Grid-Ireland, HEAnet
  - Systems development support
  - Web hosting
  - National federated data store
  - Data management and preservation services

## + DHO infrastructure for digital preservation

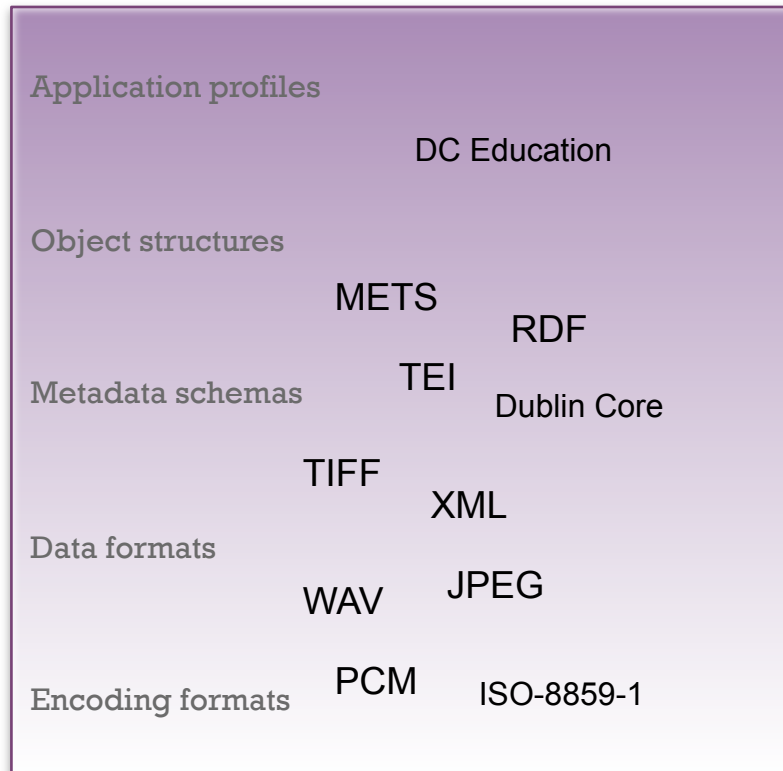
“View digital preservation as a series of holding positions, or perhaps as a relay. Make your dispositions on the basis of the timescale you can foresee and for which you have funding. Preserve your objects to the best of your ability, and hand them on to your successor in good order at the end of your lap of the relay. In good order here means that the digital objects are intact, and that you have sufficient metadata and documentation to be able to demonstrate authenticity, provenance, and to give future users a good chance to access or use those digital objects.”

Chris Rusbridge, 2006

# + Best practices for digital preservation

- Take care of the bits (backup, refresh, etc.)
- Keep content discoverable, accessible, usable & re-usable
- Implement strategies to ensure content is “in good order”
  - Standards
  - Migration
  - Encapsulation

# + DHO preservation strategies: standards

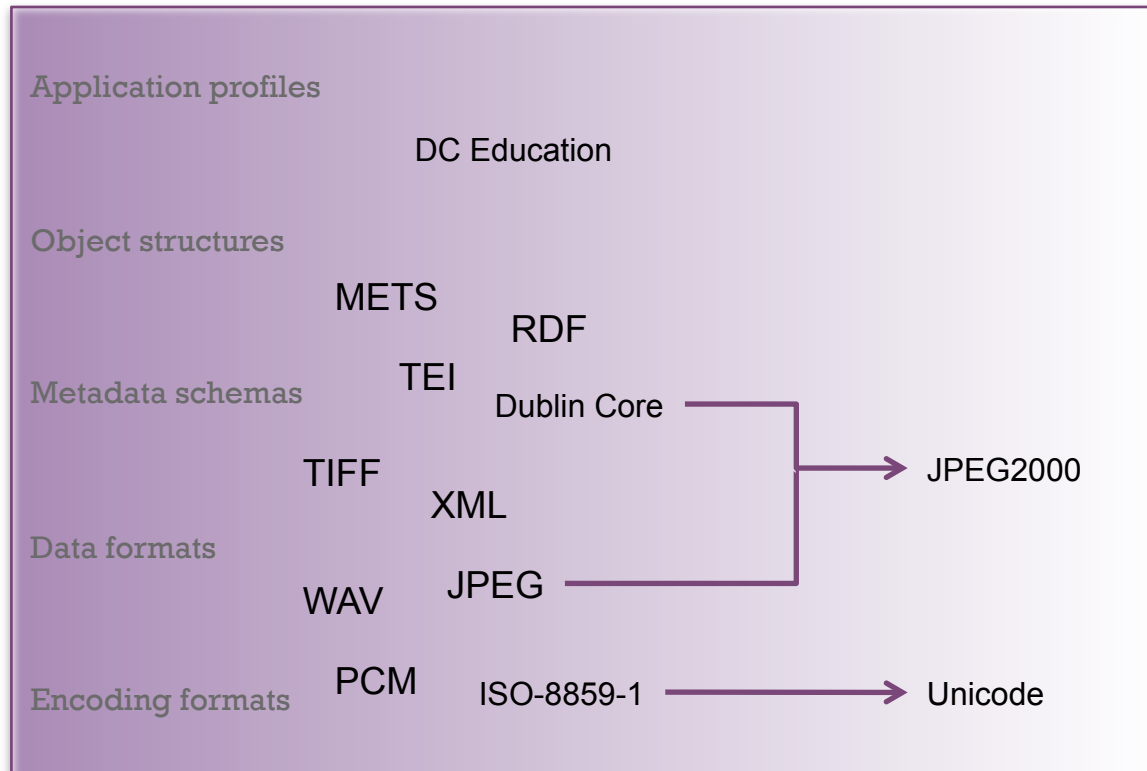


*community-specific*



*generic*

# + DHO preservation strategies: migration



# + DHO preservation strategies: encapsulation

- Structured digital objects
  - Persistent digital object identifier
  - Representation documentation
  - Provenance information
  - Context
  - Fixity
  - Content datastreams

# + “How will I read this conference in 25 years time?”

The image shows a screenshot of a conference website with a navigation menu at the top: Home, Programme, Registration, Speakers, Delegates, Sponsors, Travel, Enquiries, HEAnet. Below the menu, there is a link for a printable version and a date header: WEDNESDAY, NOVEMBER 14TH, 2007. The main content area lists events for Thursday, November 15th, 2007, including a Welcome Dinner, registration, and various sessions. A table of sessions is shown for the Main Auditorium, Room A, and Workshop. Callouts in speech bubbles point to specific elements: 'ASX WMV' points to a video link, 'PPT' points to a slide link, 'PDF' points to a slide link, and 'PHP HTML' points to the overall page structure.

		Main Auditorium McCurdy Suite 1 & 2	Room A MaGinnes Suite 1 & 2	Workshop MaGinnes Suite 3
11:30	12:00	<b>A New National Network (Video)(Slides)</b> Dave Wilson - HEAnet	<b>PRTL, Cycle 4, HEA (Slides)</b> Ms. Sheena Duffy - Higher Education Authority	<b>eduroam Workshop / Discussion</b> Louis Twomey and Donal O’Cearbhaill (HEAnet)
12:00	12:15	<b>Deploying Network Services in the Campus Network (Video)</b> Chris Gordon - INUK (Slides) John McGann - HEAnet (Slides)	<b>Irish e-Infrastructure - e-INIS (Slides)</b> Luke Drury - DIAS	20 people max. Bring your own laptop.
12:30	13:00	<b>ENUM Electronic Numbering Developments (Video)(Slides)</b> Conor Daly - IEDR	<b>IReL - Irish Research e-Library (Slides)</b> Marie Reddan - NUIG	

# + Questions?

## ■ I have a few . . .

- Selection?
- Funding?
- Access rights?
- Authenticity?
- ...?