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Lifecycle Information for E-Literature

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eSPIDA event

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What is (the meaning of) LIFE?

– Collaborative Project between:

- JISC
 - Circular 4/04
- UCL Library Services
- The BL

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Aims

- To apply the Life Cycle approach to digital material
- Emphasis on long term preservation
- Application to HE/FE and partnership institutions

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Life Cycle

- Long term view of stewardship of collections
- Defines the relationship (interdependencies) between the stages of an item's existence over time
- Identification of costs of each stage

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Life cycle collection management

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Life cycle

- Selection
- Acquisition
- Cataloguing
- Pressmarking and labelling
- Stamping
- Placing
- Preventative Conservation
- Storing
- Interventive Conservation
- Moving
- Surrogacy
- Deaccessioning duplicates

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E-literature??

- **Generic phrase because it has to cover both**
 - HE/FE (UCL in this case)
 - Other institutions (BL in this case)
 - Acquisition of different types of material
 - E-journals
 - Digitization projects

Digital preservation in context

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Stages of the project (1)

- Literature search

- Digital context, library context, broader context

- Selection of digital materials

- UCL
- BL

- Selection/adaptation of life cycle methodology

- Application of methodology to materials

Stages of the project (2)

– Input of management information

- HE context
 - BL context
 - Obtain ratios between the stages of the process
 - 1, 10, 100 years?
- ### – Evaluation/dissemination...

Institutional contexts

UCL Library Services (1)

– Desirables

- Information on long term access to e-collections
- Financial and institutional issues
- At UCL or at the BL
- Teaching and research
- (More space)
- Digital preservation

Institutional contexts

UCL Library Services (2)

–E-collections

- C7500 e-journals
 - STM/Medical/
 - Institutional support
- Eprints repository
- Books/databases
- Commitment to digital material

–Life cycle work

- Comparison of print and e-journals over the course of a year (2002/3)

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Institutional contexts

The British Library (1)

– Desirables

- Isolation of life cycle model for digital collections
- Financial information
- Interface of digital collections with HE/FE

– E-collections

- Vdep
- Digital masters
- E-journals

Institutional contexts

The British Library (2)

– E-collections (cont.)

- Web archiving
- Etheses
- Eprints
- Wider digitization projects

– Legal deposit libraries act 2003 (in force 2006)

- Forecast of about 300TB over the next 5 years

Institutional contexts

The British Library (3)

– DOM

- Digital Object Management Project
- Will take all of the BL's digital collections
- Preserving archiving
- Making materials accessible
- Developing infrastructure to support the digital library

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Institutional contexts

The British Library (4)

– Life Cycle collection management project (1)

- Focussed on print
- Came up with costings for monographs and serials over a 100 life cycle
- E-life cycle was examined, but it was “early days”
- Identified collaboration as a potential new strand

Institutional contexts

The British Library (5)

– Life Cycle collection management project (2)

- e.g.:

- Monographs:

- $K(t) = s + a + c + pl + hl + p(t) + cs(t) + r(t)$

- Serials

- $K(t) = s + at + c + plt + hlt + p(t?) + cst? + rt?$

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Background

UK

- CEDARS

 - www.leeds.ac.uk/cedars/

- JISC/NPO

- AHDS

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Background

- JSTOR (ithaka)
- Harvard digital archive
- e-Depot

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Questions/outcomes for HE/FE:

- Long term costs?
- Who?
- Partnership costs?
- Sufficient confidence in digital preservation to switch?
- Relative risks of digital vs. paper.

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Important to HE because:

- Moving to e-only**
- Teaching, learning research strategies underpinned by content**
- Need to model long term costs**
- Cessation of purchase of parallel formats...**

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Material

- Comparable material
- E-journals
- E-prints
- Web archiving

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Questions?