LIFE
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
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
Life cycle collection management
LIFE

Life cycle
- Selection
- Acquisition
- Cataloguing
- Pressmarking and labelling
- Stamping
- Placing
- Preventative Conservation
- Storing
- Interventive Conservation
- Moving
- Surrogacy
- Deaccessioning duplicates
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)
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
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:
    \[ K(t) = s + a + c + p(t) + c(s(t)) + r(t) \]
  - Serials
    \[ K(t) = s + a(t) + c + p(t) + c(s(t)) + r(t)? \]
Background

UK

– CEDARS
  ▪ www.leeds.ac.uk/cedars/

– JISC/NPO

– AHDS
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Background

– JSTOR (ithaka)

– Harvard digital archive

– e-Depot
Questions/outcomes for HE/FE:

– Long term costs?

– Who?

– Partnership costs?

– Sufficient confidence in digital preservation to switch?

– Relative risks of digital vs. paper.
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…
Material

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