Digital Preservation Strategies at the KB

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Digital Preservation Strategies
The Koninklijke Bibliotheek

- Founded in 1798
- National library of the Netherlands
- 275 FTE employees
- 3.5 million books, 5.5 million electronic objects
- Deposit library since 1974
- Mission: Ensuring permanent availability of information and knowledge
Starting Digital Preservation

• 1994 electronic publications part of deposit
• 1999 Experiments on small scale
• ‘98-’00 Nedlib project: Guidelines
• 2000 European tender procedure: IBM chosen
• 2003 Digital Information Archiving System: DIAS
Digital Preservation Strategies

D I A S & OIAS

Permanent Access Toolbox

Preservation Processor
Preservation Manager

Ingest
Data Management
Access
Packaging & Delivery

Delivery & Capture

SIP
DIP
AIP
AIP

Archival Storage

Data

Administration

Monitoring & Logging

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Digital Preservation Strategies

The organization

- Director-General
  - Deputy Director-General
    - Human Resources
    - ICT
    - Communication
    - Finances
    - R & D Division
    - Acquisitions and Processing Division
    - Expert Services & Collections Division
    - User Services Division
    - (Inter)national Programmes
    - Innovative Projects
    - Digital Preservation
    - Acquisitions
    - Cataloguing & Metadata
    - e-Depot
    - Expert Services
    - Information & Collections
    - Stacks Management
    - Collection Care
    - Front Office

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Strategies and research

- Preservation = Storage + Access

- Access:
  - Original look and feel
  - Object Characteristics
  - Future user

- Need of Preservation Planning
  - Decision Support System
  - Toolbox
Digital Preservation Strategies

Strategies

- Emulation
  - Keeps the object unchanged (authenticity)
  - Changes the environment

- Migration
  - Changes the object (new version or conversion)
  - Risk of errors and loosing functionality

- Refreshing
  - Object to new carrier
Digital Preservation Strategies

Autonomous Digital Item

- Data Format
- Viewer Application
- Operating System
- Reference Platform

Requested Information Object
Certification

- Task Force on Digital Repository Certification
- KB participated in task force
- KB trial partner
  - Evaluating the questionnaire
  - Learn from it
Collaboration

- National coalition
  - Cultural heritage institutions
  - Join forces
  - Similar to England (DPC) and Germany (Nestor)

- International collaboration
  - Planets
Digital Preservation Strategies
Thank you for your attention!
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