Preservation of e-journals at the
Koninklijke Bibliotheek

Hilde van Wijngaarden
Digital Preservation Officer

Koninklijke Bibliotheek/ National Library of the Netherlands
www.kb.nl/e-depot
Overview

 Deposit of electronic publications at the KB

 The e-Depot as a digital archive for international e-journals

 Current status of the e-Depot

 The e-Depot: how does it work?

 Access policy

 Plans for the future
Preservation of e-journals

Deposit of electronic publications at the KB

- In the Netherlands, there is no formal deposit law
- Publications deposited voluntarily
- Agreements with publishers
- While building the e-Depot, the agreement with Elsevier was renewed
- New agreement: deposit of e-journals no longer restricted to Dutch imprint
  - Elsevier: wanted a ‘safe place’ for their digital publications
  - KB: place of imprint not relevant for digital publications
- Kluwer signed the same kind of agreement
- Next step: deposit by international publishers
**Preservation of e-journals**

**The e-Depot as a digital archive for international e-journals**

- Agreements with individual publishers
- Publishers do not pay us, we do not pay them

- The KB promises to:
  - Do everything possible to keep the publications accessible
  - Maintain the integrity of the publications’ content
  - Commit itself to the long-term storage and maintenance
  - Honor access policy as agreed upon with the publisher

- The publisher promises to:
  - Deliver their e-journals with metadata
  - Discuss preferred metadata and formats
Current status of the e-Depot

- Agreements signed with Elsevier Science, Kluwer Academic, BioMed Central and Blackwell

- New agreements in negotiation

- Operational since March 2003

- With Elsevier e-pubs, it processes 40,000 articles per day

- Currently over 2 million articles stored

- Scalable up to 200 TB (and even more...)
The e-Depot: How does it work?

- On-line publications:
  - Delivery through FTP or tapes
  - Registration, CRC Check
  - Metadata conversion
  - Metadata stored in the central catalogue
  - Storage in e-Depot, together with technical metadata

- Off-line publications (installables):
  - Installation on Reference Workstation
  - Manual cataloguing
  - Installation of entire image in e-Depot
Preservation of e-journals

Publisher

Post office

Content (PSP's)

BER

Batch Builder

Metadata (NBN)

e-Depot

Catalogue

Client

Metadata

Content
Access policy

- Access discussed with publisher
- On-site access only for Elsevier and Kluwer journals
- Open access for BioMed Central
- Delivery for Inter Library Loan on paper (fax or print)
- Back-up facility in case of emergency
What do you want to acces?

Restricted

Where are you?

Remote

Who are you?

Unknown

On-site

Trusted

Open Archive

Implicit question

Explicit question

“Please visit the KB in Den Haag”
Preservation of e-journals

Plans for the future (1):

Technical:

- Generic procedure for loading (configurable post office)
- Integration with LTP modules
- Providing permanent access through R&D on strategies and tools
- Enhancing the system through co-operation with other DIAS-implementers
Plans for the future (2):

- More publishers, more content

- Other kinds of deposit: national projects
  - DARE: Digital Academic Depositories
  - Tiff-archive: Storing tiff masters for Dutch cultural heritage institutions

- Certification as a ‘Trusted Depository’

- International co-operation: Safe place strategy
Any questions?