Long-term availability of electronic publications

Based on the process model of the Deposit System for Electronic Publications designed by the NEDLIB3 project a process has been developed by Die Deutsche Bibliothek that is to be launched at the end of September 2001. The desired result of this process, which is meant to be never ending, is the long-term availability of selected electronic publications. This process is described by a rather practical point of view. The stages that have to be passed through until a publication can be accessed are identified and are described. Furthermore measures that have to be taken to ensure the long-term availability are described.

3 http://www.kb.nl/coop/nedlib/
Long-term availability of electronic publications

Annette Siegenthaler
Die Deutsche Bibliothek

Properties of electronic publications?

- Online/Offline
- Formats
- Digitized / digital born
- Complete / successively issued / Integrating
Long-term preservation?

- Long-term availability
  - Preserving bitstreams (e.g. by refreshing)
  - Preserving usability (e.g. by migration, emulation)

Technical concepts

- Refreshing
- Hardware museum
- Migration
- Emulation
  - “Preservation Planning”
  - Automation
Open Archival Information Systems Reference Model

Online Dissertations

- Simple structure, complete
- No regimentation of use
- No dynamic elements
- Since July 1998 about 3000 publications
Multi-media publications

- Offline publications, on CD-ROM
- Included by order of law
- Archived in separate system
- Use at separate workstations
- “Multimedia-Bereitstellungs-System“
- Several hundred publications

Springer Link

- About 300 scholarly publications
- Successively issued publications
- Some exist as online edition only
- Previous deliveries offline (CD-Rom)
- Listed in the OPAC
**Workflow**

- Publisher
- DDB
  - Anmeldemodul
  - Ingest Control
- FTPbox
- Archival Storage
- Metadata Storage
- Metadata
- Data
- XML in MySQL
- Metadata Extraktor
- Publication (push)
- Metadata (push)

**Access to archived publication**

WebOpac of Deutsche Bücherei
“Frontpage”

Restriction of access

Secondary (access control) level
Access to deposit objects (4)
Access to deposit objects (5)

Deutsche Nationalbibliographie (DNB)

2001, A20


SW: Korallenriff; Zeitschrift; Online-Publikation

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