CARMEN

Die Deutsche Bibliothek

AP 4: "Persistent Identifier and Metadata Management in Science" at Die Deutsche Bibliothek

global info — The German Digital Library Project

Electronic Resources:

- ⚔ **need an unique and reliable addressing**
  method
- ⚔ **relocate**
- ⚔ **a long-term access must be ensured**
- ⚔ **require a reliable document referencing**
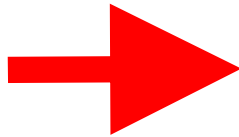
Introduction of Persistent Identifier:

- ☐ **Administration of relations between Persistent**
  Identifier and Uniform Resource Locators
  (URL)
- ☐ **Resolving (automatical forwarding to the online**
  resource itself)
- ☐ **URNs administered at Die Deutsche Bibliothek:**
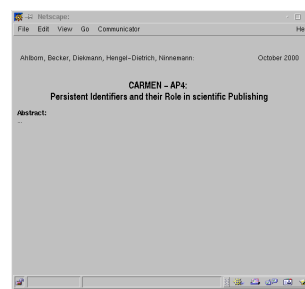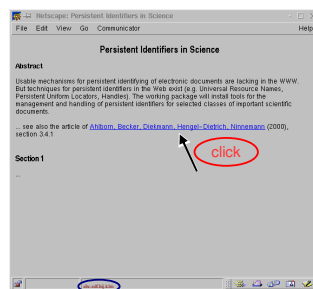 **URN:I**

University Libraries

- ⚔ **assign and administer NBNs within**
  the given sub name space independently
- ⚔ **can alterate registered relations between urn and url**
- ⚔ **can authorize institutions for autonomous administration of sub name-spaces**
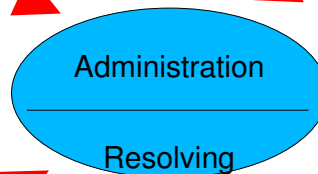
Assignment and Management of NBNs at Die Deutsche Bibliothek

- ⚔ **the formal abbreviations of library associations and university libraries are part of the**
  urn
- ⚔ **decentralized assignment,**
- ⚔ **a centralized registration process and**
- ⚔ **archiving of online documents**
- ⚔ **integration of the assignment into the current registration process for online dissertations**
- ⚔ **www-forms for updating registered information**

further characteristics:

- ⚔ **link-check -procedure to verify URL accessibility, document consistency (md5-check**
  sum)

Management System

Administration
_____
Resolving

representation as **URN** — `urn:nbn:de:xyz-200009`

or

representation as **URL** — `http://nbn-resolving.de/urn/resolver.pl?urn=nbn%3Ade%3Axyz-200009`

automatical resolving by activating a hyperlink

Persistent-URL resolving mechanismen

Further Project Objectives

- ⚔ **develop a uniform urn system**
  in cooperation with the library associations in Germany
- ⚔ **expansion to other name spaces**
  of the urn system
- ⚔ **test of DOIs (Springer)**

project and test partners
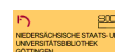
BIS Oldenburg
B. Diekmann
R. Scheumann

Die Deutsche Bibliothek
C. Hengel-Dietrich
K. Schroeder

FIZ Karlsruhe
O. Ninnemann
M. Derr

SUB Göttingen
H. Becker
I. Tappenbeck

UB/TIB Hannover
B. Ahlborn