

DELTA: Constructing a digital library form a Union Catalogue perspective

By Erik Jan Yntema, Pica, Leiden
E-Mail: erikjan-yntema@pica.nl

Integration of information and services

Dutch Electronic Library and Technology Association

- ⇒ Consortium consists of Dutch Royal Library, University Libraries of Nijmegen, Rotterdam, Groningen, Twente and Pica
- ⇒ Three year program 1998 - 2001
- ⇒ Based on Pica infrastructure (Dutch Central Catalogue and Local Library systems)
- ⇒ Project focuses on integration of existing and new local and central services into one integrated enduser service

Project program

Content

- ⇒ Retrospective digitisation
- ⇒ Selection of third party content
- ⇒ Author facilities
- ⇒ Electronic document delivery

Enduser Services

- ⇒ Training facility
- ⇒ Picarta: single point of access to all enduser services
- ⇒ Multi lingual
- ⇒ Interactive information environment backoffice
- ⇒ Management information registration of endusers

Retrospective digitisation

- ⇒ Concentrates on a selection of Dutch journals with an international reputation
- ⇒ Jstor model adaptation, backward scanning, use of defined and proved technical standards

Electronic document delivery

- ⇒ Concentrates on a ad-hoc digital delivery of paper material
- ⇒ ILL enduser service; distribution via either e-mail or document server(s)
- ⇒ Also vice versa; digital content delivered as paper output

Selecting third party content

- ⇒ Based on online content index of 12.000 journal titles, linking Netfirst, Kluwer, Academic Press, Ebsco, PCI (Chadwick Healy) and Elsevier abstracts and full text issues
- ⇒ Selective subsription access to full text providers (Swetsscan)
- ⇒ Pica plays a central role in the acquisition of relevant commercial content

Author facilities

- ⇒ Electronic publishing on a central publication server
- ⇒ Developing guidelines, infrastructure and standards
- ⇒ Automatic derivation of meta-data

Training module

- ⇒ Support of inexperienced users; discover all features of the user-interface and electronic library services through a common set of tutorials
- ⇒ Integrated part of the OPAC
- ⇒ Both for central and local OPAC's; ability to adjust to 'local' setting (selection keys, borrowers regulations, etc.)

Training module

- ⇒ Support of inexperienced users; discover all features of the user-interface and electronic library services through a common set of tutorials
- ⇒ Integrated part of the OPAC
- ⇒ Both for central and local OPAC's; ability to adjust to 'local' setting (selection keys, borrowers regulations, etc.)

Colibri; multi-lingual subject search

- ⇒ Based on natural language
- ⇒ Building a knowledge-base of combined terms and LC classifications
- ⇒ Development and use of morphological and syntactical tools

Interactive information Environment

- ⇒ Creating a bi-directional service
- ⇒ Commenting on subject of interest (interest-profiling)
- ⇒ Charing comments and opinions with fellow members of an interest-group
- ⇒ Privacy rules must be implemented

Interactive information Environment

- ⇒ Creating a bi-directional service
- ⇒ Commenting on subject of interest (interest-profiling)
- ⇒ Sharing comments and opinions with fellow members of an interest-group
- ⇒ Privacy rules must be implemented

Registration of end-users

- ⇒ From a user point of view there must be a direct access to all services no matter who are the providers
- ⇒ Creating a clear view on both advantages and disadvantages of central and local registration

Something practical:

<http://www.pica.nl>