



Information Technology

SECTION

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July, 2004

Editorial

The Buenos Aires WLIC is approaching and everything is in place for the Conference. Special attention was given this year to the accessibility of papers in different languages, notably Spanish. Besides the translation of the programme papers, we are also preparing a Spanish version of this Newsletter so to enable a better diffusion of our activities towards the library communities of the hosting country and South

America in general. On the other hand, these have a lot to show and communicate, as they have remarkable cultural traditions and long experience in librarianship. In this Newsletter we already provide some clues to explore the field, for those wanting to know more before getting there. But the Conference will be the actual opportunity to contact with the culture and the professional communities of the region. To those traveling

there we wish the best of times and, besides the conference activities (and tango lessons...) we do hope they will strengthen links with the local colleagues. To the local organizers and supporters of this major event, we thank in advance for the exciting prospects of the Conference. We also hope that it will increase their interest in participating in the IFLA Information Technology Section activities.

From the Chair

IFLA has been taking some steps to improve the quality and coherence of its structure and of the annual conference. One of the first changes is already in place for the WLIC 2004. The Conference is shortened in an attempt to make it more manageable for attendees, avoiding redundancies and the dispersion of a growing number of sessions. In practical terms, the changes are in the number of programmes and in the time allocated to each section. But the intention is not just to reduce the schedule. It is

also about enabling the sections, divisions and core activities to devote more effort to projects, publications, etc. Therefore, as a complement to the programme to be held at the 2004 conference, the ITS issued a call for papers for a publication on the same topic – Authentication & authorization systems for libraries. The objective is to provide a wider coverage of current developments and trends on this matter. If the project succeeds, we hope to have the publication ready for online distribution

by the end of the year. The call is still open and submissions are accepted until the end of September 2004.

Another restructuring activity being carried out until 2007 is the review of the IFLA Sections. The ITS accepted to be in the first round of evaluations and I hope this to be an excellent opportunity to help us to reflect on the ways to achieve our goals and how we contribute to the IFLA mission.

Maria Inês Cordeiro
iopes@guibenkian.pt

ITS GENERAL INFORMATION

The section

The Information Technology Section (ITS) serves to promote and advance the application of information technologies (IT) to library and information services in all societies, through activities related to standards, education and training, research, and the marketplace.

The Section belongs to the IFLA Division VI – Management and Technology <http://www.ifla.org/VII/d6/dmt.htm>

For more information about the ITS and its strategic plan see <http://www.ifla.org/VII/s21/sit.htm>

The Committee

At present, the standing Committee of the ITS has 21 members from 15 different countries. There are ballots for elections every two years, as members complete their terms of four years.

For the complete list of SC members' addresses see the ITS site on IFLANET, <http://www.ifla.org/VII/s21/sit.htm>.

Current officers are:

Maria Inês Cordeiro, Chair (ilopes@gulbenkian.pt);

Lawrence Woods, Secretary (larry-woods@uiowa.edu)

Gill Hamilton, Information officer (g.hamilton@nls.uk).

The membership

ITS is the second biggest section in IFLA with nearly 450 members from 90 countries and all types of libraries.

If you are not a member of IFLA and would like to join, please contact **IFLA Headquarters** or consult the IFLA membership information at <http://www.ifla.org/III/members/index.htm>

If you are already a member but want to join the IT Section please review the section "**How to register for IFLA Sections**".

Alternatively, contact the IT Section Information Co-ordinator, **Gill Hamilton**, (g.hamilton@nls.uk).



ITS in Buenos Aires

....plan ahead!

• **Standing Committee I** - Sunday 22 August, 08.30-11.20h
Session 20, Room Pacara B (Hilton)

• **ITS programme**
Authentication & authorization for cross-domain e-library services
Friday 27 August, 8.30-10.30h
Session 155, room El Aguila (Sheraton)

• **Standing Committee II** - Saturday 28 August, 08.30-11.20h
Session 175, Room Pacara A (Hilton)

The Standing Committee Meetings are the business meetings of the Section, open to observers. If you are not a SC member but would like to be informed about the work of the Section, you are welcome.

Meet the ITS officers during IFLA 2004

At the IFLA booth on Wednesday 25 August from 15.00 to 16.00 h.

IFLA Council Meeting

It will take place Monday 23rd and Friday 27th August 2004. A convening notice was distributed to all voting members.

All information plus the Agenda of the Council meetings is available at <http://www.ifla.org/IV/ifla70/convening-e.htm>

The **Information Technology Section Newsletter** is published twice a year for free distribution. It serves to inform the ITS membership of the Section's activities, IFLA updates and events related to IT & libraries. **Editor:** Maria Inês Cordeiro (ilopes@gulbenkian.pt). Co-editor Gill Hamilton (g.hamilton@nls.uk). Other collaborations in this issue: *Felipe Martínez-Arellano (Argentina), Fernanda Campos (National Library of Portugal), Mercedes Chacón Fuertes (National Library, Madrid), Reinhard Altenhöner (Die Deutsche Bibliothek), Sally McCallum (Library of Congress), Wei Liu (Digital Library Institute of Shanghai) and Larry Woods, ITS Secretary.*
Next Issue: November 2004. Deadline for contributions: **15 October 2004**. All contributions are welcome.
To receive this *Newsletter* send your email to the ITS Information Co-ordinator, Gill Hamilton, g.hamilton@nls.uk.

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ITS NEWS

ITS in Buenos Aires, 2004

Authentication & authorization for cross-domain e-library services



The Hilton, Buenos Aires
venue of the IFLA 2004

The growth of disparate online publishing has been raising the need for e-resource management solutions that can integrate access services and support control over their usage. Authentication and authorization issues are a fundamental part of the solution.

The IFLA ITS programme for 2004 aims to promote awareness and discussion about current developments and trends in authentication and authorization related to library services.

Target audience: library IT and network managers, digital library and electronic

Collections managers, managers of library consortia, and publishers and providers of online publications.

Friday 27 August

08.30-10.30 h

Session 155

**Room El Aguila
(Sheraton)**

papers ▶ papers ▶ papers ▶ papers ▶ papers ▶ papers

FACILITATE ACCESS TO E-RESOURCES WITH EDUSERV ATHENS

by **Lyn Norris**, *Athens Manager, Eduserv (UK)*

From the abstract

Managing access to online resources can be a significant challenge for librarians. The average university library in the UK subscribes to over 300 online resources, each with its own separate authentication and authorisation scheme. Use of IP address ranges can provide seamless access for on-campus users, but often excludes off-campus users, including distance learning students. This paper will describe three different ways that libraries in the UK have used the Athens Access Management System to simplify the management of access to common academic electronic resources such as Science Direct and Blackwell Synergy, for both on and off campus users. The Athens Access Management System has been in use in the UK since 1995, working with librarians and electronic resource providers to ease the management of access to online resources, and

facilitate access for authorised users to subscribed resources.

SHIBBOLETH: AN OPEN-SOURCE SOLUTION TO RESOURCE SHARING

by **Marianne Afifi**, *University of Southern California, LA (US)*

Abstract

Shibboleth is a project of the National Science Foundation Internet2 Middleware Initiative. Its aim is to "develop an open, standards-based solution to the needs for organizations to exchange information about their users in a secure, and privacy-preserving manner." Libraries and academic institutions see an increasing need for providing protected and validated access to online resources they produce, license, purchase, or share. Vendors and publishers are also interested in providing models of access that are different from the traditional IP-based, proxy server and username/password authentication. They have been developing Shibboleth-based authentication. Researchers and teachers

who use the web extensively have rapidly growing requirements for the exchange of information that gives participants certain rights as well as privacy. Shibboleth was developed to enable resource-sharing interactions for these constituencies in a simple, standards-based manner. In my presentation I will summarize the origins of Shibboleth, give an overview of its development and explain how it works. I will also explore the reasons why it is an important tool for resource sharing in libraries and other federated environments.

A STAR IS BORN: THE SCIENCE AND TECHNOLOGY ELECTRONIC LIBRARY

by **Alejandra Chavez Flores**, **Nora Fasano**, **Cecilia Mabragna**, **Mercedes Portugal**, (Argentina) *

From the abstract

The academic and STM information units of Argentina, characterized by a great geographic scatter, conformed a mosaic of isolated thematic networks

sharing few resources. Several external circumstances dramatically impacted on the Argentine academic community: Internet, exponential increase of published information, costs associated to computer infrastructure and new IT, together with the successful model of Library Consortia in developed countries for the shared access to electronic resources.

The economic turmoil that affected Argentina as from December 2001 triggered the highest political levels to adopt and support a similar initiative. This political commitment with a Federal Project in the framework of a regional level (MERCOSUR) was the functional platform needed to launch the Electronic Library. SECYT was the governmental body responsible for this initiative, and applied a top-down model, also creating an Ad Hoc Commission of libraries for advisory on different technical aspects.

Cont. page. 4

ITS NEWS

Oslo, 2005



Libraries: A voyage of discovery

► papers ►

A STAR IS BORN...
(cont.)

At present users access by institutional IP authentication. In some cases proxy servers were implemented for limited research groups with restricted user's IDs and passwords. Future trends target different aspects: functional, technical and of sustainability: the increase in the number of resources (at present access to more than 2000 titles and 5 bibliographic databases); the inclusion of new academic units (at present 40 institutional nodes); the implementation during 2004 of a unified curriculum vitae system, which will allow a different model of user's authentication.

* Members of the *Ad hoc Commission for the Science and Technology Electronic Library*.

Satellite Meeting, 11-12 August 2005

Bibliotheca Universalis – how to organize chaos?

This meeting is jointly sponsored by the IFLA Cataloguing and Information Technology Sections. Local organizers are the Finish Library Association, the Finish Research Library Association, The Helsinki University Library – National Library of Finland, Library of the Parliament and Finish-Swedish Library Association. The programme will focus on the background and experiences of application of both FRBR and FRAR as tools to support new ways to reorganize the "new bibliographical universum".

The preliminary programme announces the following speakers: **Patrick Le Boeuf** (Bibliothèque nationale de France), Dr **Barnara Tillet** (Library of Congress, USA), **Christina Magliano** (Central Institute for the Union Catalogue of the Italian Libraries).

Contact person: Ms Tuula Haavisto, tuulah@kaapeli.fi.

See more information at <http://www.ifa.fi/frbr05/> (available from 20 August 2004).



Venue - the Järvenpää Hall, Järvenpää, Finland.

Co-sponsored session in the IFLA 2005 programme

MARC/XML Derivatives: the state of the art

This is the theme of the **UNIMARC Core Activity** session to be held in OSLO. The session will be also sponsored by the ICABS **MARC 21 Activity** and the **IFLA Information Technology Section**. The objective is to review and share experiences related to the use of XML to convey machine-readable information regarding MARC formats from their authoritative sources.

Information about XML developments for MARC 21 can be seen at the MARCXML site of the Library of Congress <http://www.loc.gov/standards/marcxml/>. Pilot XML developments relating to UNIMARC are also being undertaken and prototypes of schema, along with publishing and validation tools can be reached at <http://www.bookmarc.pt/unimarc/>.

UNIMARC Core Activity is the responsibility of the National Library of Portugal. Both MARC 21 and UNIMARC activities are part of the ICABS – IFLA/ CDNL Alliance for Bibliographic Standards, established in 2003.

More information at <http://www.ifa.org/VI/7/icabs.htm>.



LoC, to talk about "New and traditional descriptive formats in the library environment"; and **Robina Clayphan**, chair of the DCMI Libraries WG.

Wei Liu, SC member of the ITS is co-chair of the DC 2004 Program. More at <http://dc2004.library.sh.cn/en/qlish/organ/>.

ITS at DC Conference 2004

IFLA ITS and DCMI are organizing a joint session at DC 2004, Shanghai, 11-14 October. The session will be a panel bringing together representatives of IFLA and DCMI groups to discuss the efforts concerning metadata application in libraries. Invited panelists (to be

confirmed) are: **Larry Woods**, leader of the IFLA Metadata Discussion Group (2000-02); **Dr Lynne Howarth**, Chair of the WG on "Guidance on the Structure, Content, and Application of Metadata Records for Digital Resources and Collections" **Rebecca Guenther**, from

ITS ON IFLANET

RESOURCE PAGES

ITS is maintaining the following resource pages

Technology Watch - is a selection of institutional, project & association, studies guides and reports issued in 2003 by major institutions and projects. It covers a wide range of topics. Update for the selections of 2004 will be done in October.

<http://www.ifla.org/VII/s21/techwatch.htm>

Conference Watch - is a conference calendar providing a comprehensive list of forthcoming events that relate to technologies & libraries.

<http://www.ifla.org/VII/s21/sit.htm#tw>

NEW A BRIEF HISTORY OF THE ITS, 1963-2003

Prepared by **Sally McCallum**

"This History consists of a description of the changes in the Section's interests over the period as the technology matured and shifted and new opportunities were made available. The History is followed by an annex listing the papers sponsored by IT at the Annual Conferences, along with some workshops and projects undertaken by the Section. These papers reflect the history and are interesting to review. The enormous variety of topics and international mix of authors is a tribute to the work of the organizers of sessions. The last annex lists the officers of the Section from its earliest days" (from the Introduction).

Coming soon on the ITS site

Standards Watch – a resource page for information about standards that would be useful... Interested in being an editor for this?

We are looking for collaboration

If you would like to suggest material for inclusion in *Technology Watch* or *Conference Watch* please send an email with full details to **Maria Inês Cordeiro** ilopes@gulbenkian.pt or to the Information Co-ordinator **Gill Hamilton** g.hamilton@nls.uk

FROM ARGENTINA

INFOBILA - Latin American and Caribbean Digital Library on Library and Information Science

Collecting and disseminating Latin American literature on Library and Information Science (LIS) has been a concern of the University Center for Library Science Research (CUIB) at the National Autonomous University of Mexico.

Then, since 1986 CUIB promoted the creation of INFOBILA - Información y Bibliotecología Latinoamericana (Latin American Information and Library Science), a database to compile, organize and disseminate LIS literature generated in Latin America and the Caribe.

INFOBILA creation and development, has been coordinated by the CUIB with support from IFLA Latin American and the Caribe Section and ALP. Several countries have participated: Argentina, Brazil, Colombia, Costa Rica, Cuba, México, Perú, Argentina, Brazil, Colombia, Costa Rica, Cuba, México, Perú,

Venezuela, Chile y Puerto Rico. At the present time, INFOBILA contains around 16 000 records for different kinds of publications: journal articles, papers submitted to meetings, monographs, theses, book chapters, and original documents unpublished.

INFOBILA has been a useful database to identify the LIS production of the region. However, after this first step it is necessary to obtain physically the documents. Taking this into account, INFOBILA richness and importance for the region, and the technological facilities now available, it was considered that INFOBILA had the potential to become a Latin American and Caribbean Digital Library on Library and Information Science.

To attain this objective, LIS literature is being digitised to provide INFOBILA with access to full text of publications. INFOBILA can be accessed on: <http://cuib.unam.mx/infobila.htm>

F.F. Martínez-Arellano

SPECIAL ISSUE OF THE JOURNAL "REFERENCIAS"

A special issue of this Journal will present the Argentinian librarianship. It will be distributed to all WLIC participants. Information about the Journal *Referencias* is available at the ABGRA Web site <http://www.abgra.org.ar/>

ABGRA - Asociación de Bibliotecarios Graduados de la República Argentina is the major organizer of the IFLA Conference 2004.



ITS TOPIC 2004

AUTHENTICATION & AUTHORISATION – links to major projects

SHIBBOLETH

(<http://shibboleth.internet2.edu/shib-intro.html>)

This is an initiative being carried out in the framework of Internet2 (<http://www.internet2.edu/>) to develop an open, standards-based solution to the needs for organizations to exchange information about their users in a secure, and privacy-preserving manner. It developed architectures, policy structures, practical technologies, and open source implementations to support inter-institutional sharing of web resources subject to access controls.

See more about

- the solution, at

<http://shibboleth.internet2.edu/release/shib-v1.2.html>

- documentation issued by the Shibboleth Working Group, at

<http://shibboleth.internet2.edu/index-wg.html>

- examples of Shibboleth uses at <http://shibboleth.internet2.edu/shib-uses.html>.

Shibboleth will be presented at the IFLA 2004 ITS session by Marianne Afifi, of the University of Southern California (USC). See abstract on page 3 and full paper at <http://www.ifla.org/IV/ifla70/papers/055e-Afifi.pdf>.

ATHENS

(<http://www.athensams.net/>)

Athens Access Management System is a service of EduServ Technologies

(<http://www.eduserv.org.uk/>)

providing an AMS for controlling access to web-based subscription services. It has been in use in UK Higher Education since 1996, now extending to other sectors, like Health.

See more about

- products and services at

<http://www.athensams.net/products/>

- technology and developments at

<http://www.athensams.net/development/>

- case studies at

<http://www.athensams.net/communities/casestudies.html>.

Athens system will be presented at the IFLA 2004 ITS session by Lyn Norris, Athens manager. See abstract on page 3 and full paper at <http://www.ifla.org/IV/ifla70/papers/086e-Norris.pdf>.

PAPI

(<http://papi.rediris.es/>)

PAPI - Point of Access to Providers of Information, was developed in the context of the Spanish academic network RedIRIS – Spanish National Research and Educational Network ((<http://www.rediris.es/rediris/index.en.html>)).

PAPI is a system for providing access control to restricted information resources across the Internet. It intends to keep authentication as an issue local to the organization the user belongs to, while leaving the information providers full control over the resources they offer. The authentication mechanisms are designed to be as flexible as possible, allowing each organization to use its own authentication schema, keeping user privacy, and offering information providers data enough for statistics. Moreover, access control mechanisms are transparent to the user and compatible with the most commonly employed Web browsers, i.e., Netscape/MSIE/Lynx, and any operating system.”

See more about

- PAPI documentation & papers at

<http://papi.rediris.es/doc/>;

- PAPI software (downloadable) at

<http://papi.rediris.es/dist/>

- PAPI community /users mailing list at

<http://papi.rediris.es/comu/>

Contact: Diego R. López (Diego.lopez@rediris.es) is the coordinator of the Network Applications Area of RedIRIS, in charge of PAPI .

FEIDE

(<http://www.feide.no/englishwww/about.html>)

FEIDE - Federated Electronic Identity for Education, is a project developed by the Norwegian research network UNINETT FAS (<http://www.uninett.no/fas/>) on assignment from the Norwegian ministry of education and research. Its goal is to establish a common, secure electronic identity for Norwegian academic users, including the management of access rights.

FEIDHE

(<http://www.csc.fi/suomi/funet/middleware/english/feidhe.phtml>)

FEIDHE (Electronic Identification in Finnish Higher Education) was a joint project for higher education in Finland, that developed from 2000 to 2002, to investigate possibilities for implementing a smart card based electronic identification system in institutions of higher education. The project involved universities, polytechnic schools, student unions and the CSC, the Finnish IT center for science

(<http://www.csc.fi/suomi/info/index.phtml.en>). See

- a short English summary of the FEIDHE pilots at

<http://www.csc.fi/suomi/funet/middleware/english/summary.html>;

- a paper presented at the EUNIS 2002 Conference

http://www.csc.fi/suomi/funet/middleware/english/FEIDHE_lessons_learned.pdf.

SWITCH AAI

(<http://www.switch.ch/aaai/>)

SWITCH AAI is the Swiss Education & Research Network Authentication and Authorization Infrastructure, which objective is to simplify inter-organizational access to networked services. Five major universities - covering more than 100'000 users - have already integrated their user directories into AAI.

ITS TOPIC 2004

AUTHENTICATION & AUTHORIZATION – links to major projects

SWITCH AAI (cont.)

See more about

- a general description at <http://www.switch.ch/aai/about.html>;
- specifications and other documentation at <http://www.switch.ch/aai/documents.html>;
- a report on the status of the project as of January 2004 at http://www.switch.ch/aai/docs/AAI_Pilot_Results.pdf.

SURFNET/ A-Select

(<http://www.surfnet.nl/en/>)

SURFNET is the national computer network for higher education and research in the Netherlands. A-Select (<http://www.surfnet.nl/en/surfnet-innovation/>) is the authentication solution used in SURFNET and is freely available for non-profit organizations worldwide.

See more about

- an overview of A-Select system at http://a-select.surfnet.nl/aselect_overview.html;
- usage principles at <http://a-select.surfnet.nl/version/1.2/users/principles.html>;
- A-Select sites at <http://a-select.surfnet.nl/sites/sites.html>;
- downloads at <http://a-select.surfnet.nl/version/1.3/download.html>.

OTHER PROJECTS

There has been many projects tackling authentication and authorization issues connected to libraries or research institutions. Here are two current examples.

ANGEL

(<http://www.angel.ac.uk/index.html>)

ANGEL - Authenticated Networked Guided Environment For Learning is a JISC project to create middleware services to integrate 'open' library resources into 'closed' online learning environments and courseware portals. It is composed of three middleware

managers, one of them – the User manager – provides for users authentication and delivers authorization details allowing them to access the appropriate resources. The ANGEL software is open source and can be downloaded.

See more about project documentation at <http://www.angel.ac.uk/documents/documents.html>;

- literature about ANGEL at <http://www.angel.ac.uk/dissemination/dissemination.html>;
- software developments and application at <http://www.angel.ac.uk/inside/>

Contact: John Paschoud (j.paschoud@lse.ac.uk) is ANGEL Manager, InfoSystems Engineer at the Library of the London School of Economics & Political Science, j.paschoud@lse.ac.uk

ANGEL provided an **extensive report** on authentication & authorization systems (Feb 2003) that is available at: http://www.angel.ac.uk/public-files/pdf/WP6_d6.4.pdf

PERMIS

(<http://www.permis.org/>)

PERMIS - Privilege and Role Management Infrastructure Standards Validation, was a project funded by the European Commission under the Information Society Initiative for Standardisation (ISIS-<http://europa.eu.int/ISPO/isis/>) programme. The project was oriented for issues of electronic transactions in general, and dealt with issues of authentication of the personal identity and the determination of the role, status, entitlements, or other socio-economic attributes of the individual. The fundamental objective was "to set-up and to demonstrate an "infrastructure" able to solve both the authentication and the authorization issues, letting each attribute owner or manager directly certify the attributes of individuals".

PERMIS developed and demonstrated three secure applications. These are now part of the NSF Middleware Initiative (NMI) EDIT (<http://www.nmi-edit.org/>) software release.

Although the project was terminated as an ISIS project, new developments continue to be carried out by staff of the Information Systems Security Research Group (ISSRG), University of Salford (<http://www.permis.org/en/index.html>).

See current references & documentation at

<http://sec.isi.salford.ac.uk/permis/>.
Contact: Prof David Chadwick (d.w.chadwick@salford.ac.uk).

TERENA task Force -AACE

<http://www.terena.nl/tech/task-forces/ta-ace/>

TERENA task Force - AACE - Authentication, Authorization Coordination for Europe, is a forum that promotes coordination and cooperation between NRENs and other project teams in Europe in developing and deploying interoperable A&A infrastructures and services in the TERENA community. See more about TERENA AACE aims and activities at <http://www.terena.nl/tech/task-forces/ta-ace/ta-ace-tor.html>.

See events promoted by TERENA AACE: Prague, 2002

(<http://www.terena.nl/about/GA/ga18/AAAsymposium/>); Malaga, 2003 (<http://www.terena.nl/tech/task-forces/ta-ace/AAworkshop/index.html>).

Several of the projects mentioned here will be presented on an electronic publication on A&A systems being organized by the ITS. Paper submissions for this publication are accepted until the end of September 2004. For more information contact M. Ines Cordeiro ilopes@gulbenkian.pt.

IFLA NEWS

IFLA PUBLICATIONS & OTHER BRIEF NEWS

SELECTION OF PUBLICATIONS

issued since February 2004

Guidelines for Children's Libraries, March 2004

Available at:

<http://www.ifla.org/VII/s10/pubs/ChildrensGuidelines.pdf>

Guidelines for Audiovisual and Multimedia Materials in Libraries and other Institutions, March 2004.

Now available at

<http://www.ifla.org/VII/s35/pubs/avm-guidelines04.htm>

Anonymous classics: a list of uniform headings for European literatures. Second edition revised, 2004

This new edition was developed by the Working group set up by the IFLA Standing Committee of the Section on Cataloguing and chaired by Nadine Boddaert

The document is available at:

<http://www.ifla.org/VII/s13/pubs/AnonymousClassics2004.pdf>

International Library and Information Science Research: A Comparison of National Trends.

By Mavine Rochester and Pertti Vakkari.

IFLA Professional Report nr 80.

<http://www.ifla.org/VII/s24/pub/iflapr-80-e.pdf>

ISBD(G): General International Standard Bibliographic Description

2004 revision

<http://www.ifla.org/VII/s13/pubs/isbdg2004.pdf>

IFLA JOURNAL, Volume 30, No. 01, 2004

<http://www.ifla.org/V/IFLAI/ij-1-2004.pdf>

IFLA Cataloguing Principles: Steps towards an International Cataloguing Code.

Report from the 1st Meeting of Experts on an International Cataloguing Code, Frankfurt 2003. IFLA Series on Bibliographic Control; vol. 26. Edited by Barbara B. Tillett, Renate Gömpel and Susanne Oehlschläger.

München: Saur, 2004, IV, 286 p.

ISBN 3-598-24275-1

Price: EUR 78,00 (IFLA Members EUR 58,00)

Order: K.G. Saur Verlag, info@saur.de; www.saur.de

Libraries as Places: Buildings for the 21st century

Edited by Marie-Françoise Bisbrouck, Jérémie Desjardins, Céline Ménil, Florence Poncé, François Rouyer-Gayette

München: Saur, 2004, 210 p.

(IFLA Publications; 109)

ISBN 3-598-21839-7

Price: EUR 74 (IFLA Members EUR 55,50)

Order: K.G. Saur Verlag info@saur.de; www.saur.de

ICABS

A report of the ICABS activities for the period from the initiation, in summer 2003, to February 2004 was issued. It provides information from all ICABS partners on the topics of their responsibility:

- ICABS Secretary, VIAF cooperative and ISBD maintenance and development (Die Deutsche Bibliothek, report by *Susanne Oehlschläger and Renate Gömpel*);

- Digital preservation and Web archiving (Koninklijke Bibliotheek, report by *Hilde van Wijngaarden and National Library of Australia*, report by *Pamela Gatenby*);

- FRBR - Functional Requirements for Bibliographic Records - maintenance and development; and FRANAR - Requirements of Authority Numbering and Records Project (The British Library, report by *Caroline Brazier, Alan Danskin, Andrew MacEwan*);

- MARC 21 and its XML derivatives; Z39.50 and Z30.50-International: Next Generation (ZING); metadata and XML based metadata schemes and persistent identifiers (The Library of Congress, report by Sally McCallum);

- IFLA UNIMARC Core Activity (National Library of Portugal, report by *Fernanda Campos*).

See the CABS report at

<http://www.ifla.org/VII/7/annual/ar03-04.htm>

IFLA SECTIONS

Continuing Professional Development and Workplace Learning Section

Development of IFLA quality guidelines for continuing professional development and workplace learning activities
The objective of this project is to produce evidence based guidelines for assessing the quality and effectiveness of CPD activities, programs and events. The guidelines will be able to be used by individuals and organisations providing CPDWL activities, as well as individuals and institutions undertaking or purchasing CPD activities, program and events - either for themselves or their staff.

See more at

<http://www.ifla.org/VII/s43/proj/quality-guidelines04.htm>

Workshop "Online CPD courses and training programs"

Notes from this half-day workshop, held at the Saur Library, Humboldt University, Berlin, Thursday 7th August, are now available at

<http://www.ifla.org/VII/s43/conf/wsreport03.pdf>

The Workshop focused on online continuing professional development courses and training programs. Diann Rush-Feja, SC member of the ITS was one of the presenters.

IFLA NEWS

IFLA PUBLICATIONS & OTHER BRIEF NEWS

IFLA SECTIONS (*cont.*)

Management & Marketing Section

Pre-conference in São Paulo, from 18-20 August

"The Virtual Client: a new paradigm for improving client relations in libraries and information services"

This is a pre-conference jointly organized with the LIS Department of the School of Communications and Arts, University of São Paulo, and the collaboration of the École de Bibliothéconomie et des Sciences de l'information, Université de Montréal.

See more at <http://www.eca.usp.br/iflamkt/>

Cataloguing Section

Second IFLA Meeting of Experts on an International Cataloguing Code, 17 - 18 August 2004, Buenos Aires, Argentina

The objective of this Meeting is to review and update the 2003 draft Statement of Principles developed at the European meeting, held in Frankfurt, July 28-30 2003.

Cataloguing codes currently in use in Latin America will be discussed to compare their similarities and differences, having in mind the feasibility of developing an International Cataloguing Code.

See more information about this meeting at <http://www.loc.gov/loc/ifla/imeicc/>.

The Draft Principles resulting from the Frankfurt Meeting are published in SCATNews, January 2004, available at <http://www.ifla.org/VII/s13/scatn/news20.pdf>.

Metropolitan Libraries Section (formerly Intamel)

Conference announcement

"Library as a Fusion Space: Possibilities and Opportunities" Singapore, 26 Sep.- 2 Oct. 2004
The programme is available at <http://www.ifla.org/VII/s46/conf/singpr og.pdf>

Knowledge Management Section

Call for new members

This new Section is calling for membership. Election for the Section's Standing Committee will take place by the end of the year. Calls for nominations will be distributed to the section members in the course of October 2004. In this interim period, one of the former Convenors, Prof. Irene Wormell (irene.wormell@hb.se), will act as Section Chair. The Secretary and Treasurer functions are taken by Tatiana White (taw@bodley.ox.ac.uk).

More about this new IFLA section at <http://www.ifla.org/VII/s47/km.htm>

Statistics and Evaluation Section

Useful links related to statistics and evaluation

This Section now provides a very complete resource page on the topic
See at <http://www.ifla.org/VII/s22/statlinks.htm>

Section of Library and Information Science Journals

Latin American LIS Journals

A comprehensive list of Latin American LIS journal is provided by the Section of Library and Information Science Journals, in their Newsletter of June 2004. See at <http://www.ifla.org/VII/s45/news/june04.pdf>.

UNIMARC CORE ACTIVITY

PUC – Permanent UNIMARC Committee

The PUC is the permanent working group in charge of the maintenance of the set of UNIMARC formats. In their meeting of March 2004 new terms of reference were established and elections took place.

The new Chair of the PUC is now Mr Alan Hopkinson (Middlesex University, UK) superseding Ms Mirna Willer (National and University Library, Zagreb, Croatia, who continues as an honorary member and consultant. Other members are Jay Weitz, USA (Vice Chair), Rosa Galvao (Portugal), Cristina Magliano (Italy), Vladimir Skvortsov (Russia), Ioanna Demopoulous (Greece), Philippe Le-Pape (France) and Liuba Buckiene (Lithuania).

The Chair of the UNIMARC Core Activity is Fernanda Campos (National Library, Portugal).

See more at <http://www.ifla.org/VI/8/up.htm#6>

WORLD BOOK CAPITAL 2006

Call for nominations

The Selection Committee is calling for nominations for the World Book Capital 2006. The complete applications, duly substantiated and drafted in one of UNESCO's official languages should reach UNESCO no later than **10 September 2004**.

The Selection Committee operates under the auspices of UNESCO and includes representatives of the International Publishers Association (IPA), the International Booksellers' Federation (IBF) and IFLA.. See the announcement at <http://www.ifla.org/III/announce/call-wbc2006.htm>.

IFLA NEWS

IFLA ORGANIZATION & GOVERNANCE

REVISIONS TO THE ASSOCIATION MEMBERSHIP CATEGORY

The Governing Board has put forward two proposals to be voted by the IFLA Council regarding: a) a new system for calculating the membership fees for National Association Members, so that there can be a new category of "Other Associations" for sub-national associations; and b) the corresponding amendments to the IFLA statutes.

At present, any sub-national (e.g. state or provincial) associations which wish to join currently have to be enrolled as Institutional Members. The closing date for this ballot is Friday 6th August 2004. All voting members of IFLA are entitled to vote in this ballot. It is not restricted to Association members. Background information on the matter can be found at <http://www.ifla.org/III/members/pb-nam04i-e.htm>

GOVERNING BOARD

The GB met on 5th December 2003. Among many other subjects, a new discussion group - *Quality Issues in Libraries Discussion Group* - was agreed, as well as the establishment of the new Knowledge Management Section. See the minutes at <http://www.ifla.org/III/gb/gbm1203.pdf>

IFLA supports Open Access movement

The IFLA Governing Board has adopted a statement on 'Open access to Scholarly Literature and Research documentation', issued by press release of 24 February 2004. You can access the statement at <http://www.ifla.org/V/cdoc/open-access04.html>

PROFESSIONAL COMMITTEE

The Professional Committee met on 16 and 17 March 2004. Among other matters, the PC approved 16 satellite meetings that will take place in 2005 related to the IFLA Conference in OSLO. The draft minutes can be found at <http://www.ifla.org/III/pb/minutes/pcm16-170304.pdf>

IFLA SECRETARY GENERAL

After five years as IFLA Secretary General Ross Shimmon retired at the end of March. His farewell message can be reached at <http://www.ifla.org/V/press/pr010404.htm>. A booklet is available containing ten selected papers Ross composed during his years at IFLA. See *Ross Shimmon, Selected Writings 1999-2004* at <http://www.ifla.org/V/press/ross99-04.pdf>
Since April 2004, the new Secretary General is **Rama Ramachandran**.

ICBS - THE INTERNATIONAL COMMITTEE OF THE BLUE SHIELD

The necessary number of states (20) for the entry into force of the 1999 Second Protocol to the 1954 Hague Convention on the Protection of Cultural Property in the Event of Armed Conflict, was achieved on 9 December 2003. Therefore this second protocol came into force, on 9 March 2004. Joan van Albada, President of the International Committee of the Blue Shield issued a note on the matter, where you can find all related information. <http://www.ifla.org/VI/4/admin/hague-convention.htm>

IFLA AND WSIS

IFLA response to the *WSIS Declaration of Principles*

Entitled *Promoting the global information commons*, this response to WSIS conveys IFLA's position regarding the "digital divide and the information inequality that results from it". <http://www.ifla.org/III/wsis060604.html>

Libraries @ the Heart of the Information Society
Proceedings of the IFLA Pre-World Summit Conference
Geneva 3-4 November 2003, are now available at <http://www.ifla.org/III/wsis/proceedings2003.pdf>

IFLA 2006 - SEOUL, KOREA



World Library and Information Congress - 72nd IFLA General Conference and Council
Seoul, Korea, August 2006

Theme: Libraries: Dynamic Engines for the Knowledge and Information Society
<http://www.ifla.org/IV/ifla72/index.htm>

In recent years, society has been changing rapidly with the onset of a new digital era and rapid developments in information technology and digital communications.

It is time for libraries to work together with library scholars and professionals in order to fulfill the role and functions of 21st century information centres to meet the challenges of this fast moving world. This theme has been chosen because we believe that libraries should act as a dynamic engine for the knowledge and information society. This is to be the mission of library scholars and professionals worldwide in the new era.
(From the theme announcement)

PROJECT

The Uniform Resource Name (URN) Management at DDB – the activities of the project EPICUR

by Reinhard Altenhöner, DDB

Die Deutsche Bibliothek (German National Library) has been actively applying Uniform Resource Names (URN) as primary Persistent Identifiers for long-term referencing digital objects since 2001. The reasons were the consideration of existing standards and the recommendation of the CENL (Conference of European National Libraries) to introduce URNs within the international namespace "NBN" (National Bibliography Number) of national libraries. The demand for permanent addressing, citation and unique identification of digital objects is also justified by external institutions for practical reasons. The URLs as primary access to the digital objects are not reliable within the bibliographic description especially within the national bibliography or online catalogues. However, the most important reason was the possibility for permanent referencing digital objects.

Uniform Resource Name (URN) – Strategy at Die Deutsche Bibliothek

The conditions given above are determining the applied URN management at Die Deutsche Bibliothek. In the framework of the project EPICUR – "Enhancement of Persistent Identifier Services - Comprehensive Method for unequivocal Resource Identification" Die Deutsche Bibliothek developed a Uniform Resource Name (URN)-Strategy (<http://nbn-resolving.de/urn/resolver.pl?urn=urn:nbn:de:1111-2003121811>).

Fundamental assumptions of this strategy are

- NBNs guarantee permanent access to the object in question.
- This access is guaranteed by means of high technical availability of the NBN service and by means of stable object archiving.
- NBN sub-namespaces are allocated in a decentralised way, NBNs as well as their associated URLs are to be registered and resolved centrally at Die Deutsche Bibliothek.

This strategy describes a co-operative NBN management by digital

resources that have been or will be archived by Die Deutsche Bibliothek and it also involves online publications administered by external institutions. The heterogeneous conditions of certain libraries within a federally organized library community require the delegation of autonomous NBN assignment to institutions and associated sub-institutions. This enables an institution to assign NBNs independently and immediately and structure the NBN string in accordance with the local conditions.

NBN assignment

The following examples demonstrate the NBNs for different resource types currently in use. The NBNs can be resolved using the resolving service at Die Deutsche Bibliothek "[http://nbn-resolving.de/urn/resolver.pl?urn=\[urn\]](http://nbn-resolving.de/urn/resolver.pl?urn=[urn])" or can be tested at the resolver-demonstration site at

<http://www.persistent-identifier.de/?link=610&lang=en>.

Some examples:

online theses and dissertations
urn:nbn:de:gbv:089-3321752945

publisher publications

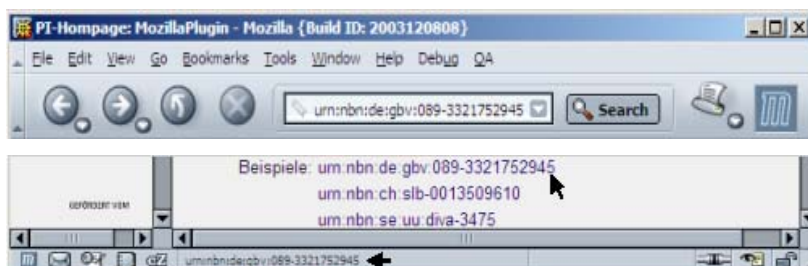
urn:nbn:de:0002-0104

NBN resolution

The primary function of the resolver is to redirect a NBN based URN query to the location where the item is currently stored. If only one URL is registered together with a NBN, then the resolver will point to this URL. If multiple URLs are managed by one URN, then a standard resolver procedure exists to return the URL with the highest priority.

At present URNs administered by Die Deutsche Bibliothek are resolved by using the approach "[http://\[resolver-address\]/\[urn\]](http://[resolver-address]/[urn])" for example <http://nbn-resolving.de/urn/resolver.pl?urn=urn:nbn:de:gbv:089-3321752945>.

The application and use of URNs will be simplified, if the URN resolution functions without the "Resolver URL" (<http://nbn-resolving.de/urn/resolver.pl?urn=...>): Within the framework of the EPICUR project a Plugin for the Mozilla-based browser is developed, which provides a direct resolution of URNs with the "NBN" namespace.



<<http://www.persistent-identifier.de/?link=550&lang=en>>

This represents the first step in order to realize a "real" URN resolution. Within the project this way will be further pursued.

Further activities

The application of URNs in context of long-term archiving is an integral part

- of the planned co-operative establishment of deposit system for long-term archiving of digital objects,
- of the metadata and object exchange between Die Deutsche Bibliothek and libraries with a legal mandate for building collections at regional level and
- within the technical metadata for long-term archiving of digital objects.

Die Deutsche Bibliothek co-operates with European National Libraries in Austria, Switzerland, Hungary, the Netherlands, Sweden and the UK for enhancement NBN applications.

References

- Homepage of the EPICUR-project <<http://www.persistent-identifier.de>>
- EPICUR: Uniform Resource Name (URN) - Strategy of Die Deutsche Bibliothek, 2003 <urn:nbn:de:1111-2003121811>.

BACK PAGE

Our speakers at IFLA 2004

Lyn Norris (UK)



Lyn has extensive experience as a technical manager in the UK academic and publishing communities. She had 16 years with the University of Bath in a variety of roles including Operations

manager, and manager of the computing infrastructure for the University.

Then she became Commercial and Software Development manager for BIDS, who provided bibliographic services to the UK academic community, funded by the JISC.

Subsequently, Lyn became Technical Director of Ingenta.

Lyn is currently Athens manager for Eduserv, where she has a team of committed professionals who provide an Athens Access Management Service for both the UK Higher and Further Education community, the NHS electronic Library for Health, and a variety of other customers including the British Council.

Marianne Afifi (USA)



Marianne is the Director of Electronic Resources & Special Projects Development in the Information Services Division at the University of Southern California (USC). She manages

electronic information resources and their delivery, and the creation of the digital archive of the library's Archival Research Center. She also participates in a variety of projects such as the Scholars Portal Project.

Ms. Afifi has worked on USC's web development, in online learning development projects, and in digital library activities.

Ms. Afifi is professionally active in the American Society for Information Science & Technology (ASIS&T). She has published locally and nationally

and is involved in University Governance as well as in the library and information science community. She holds an M.B.A. from USC and an M.L.S. from the University of California, Los Angeles.

Alejandra Chavez Flores (AR)



Alejandra T. Chavez Flores is the Head of the Information Center at the Constituyentes Atomic Center, one of the main information units of the Argentine National Atomic

Energy Commission (CNEA). Since 1995 she has been Liaison Officer for INIS, an international co-operative information system operated by the International Atomic Energy Agency (IAEA). Currently she is involved in several activities related to S&T information including the coordination of the Regional Network of Information in the Nuclear Area (RRIAN). She is also a member of the Ad Hoc Commission for the Science and Technology Library.

Nora Fasano (AR)



Nora Fasano is the Head of Journals Department of the Libraries and Information System of the University of

Buenos Aires, *SISBI-UBA*, manager responsible for the centralized acquisition of journals for Academic Units of this University and librarian administrator of the subscribed online journals.

Since 1999 she has participated in the Documentation Subcommittee of the Argentine Institute of Standardization, *IRAM (ISO's member)*.

Since 2002 she has integrated the Ad Hoc Commission for the Science and

Technology Electronic Library and at present she is the University of Buenos Aires librarian representative to the same library.

Currently she is also the University of Buenos Aires representative for the ALFA Program at the Project "Babel Library".

Mercedes Portugal (AR)



Mercedes is a Senior Assistant Librarian in the User's Services and Resources area of the Electronic Library, a national project that gives access to STI which

is coordinated by the Argentine Secretariat for Science, Technology and Productive Innovation (SECTIP). She has been a teaching assistant in B.A. Library and Information Science at the University of Buenos Aires since 2001. She frequently gives courses in the field of reference and information services.

Previously she worked as a librarian in a public library from 1998 to 2001 and as a specialist librarian in the English National Resources Centre at AACI, from 2001 to 2002. In 2002 she got a degree, B.A. in Library and Information Science at the University of Buenos Aires in 2002.

Cecilia Mabrugaña (AR)

Cecilia Mabrugaña is Member of the National Council of Scientific & Technological Research (CONICET) and Coordinator of the LATINDEX System.

Former Director of the Argentine Center for Information & Documentation (CAICYT/CONICET) 1998/2003, and member of the ISSN Governing Board. She is currently working in Sao Paulo, Brazil, where she represents CONICET and LATINDEX.