



Classification and Indexing Section Newsletter

<http://www.ifla.org/en/classification-and-indexing>

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A few words from the Chair / Le mot du président

Dear colleagues,

Welcome to our June issue.

It is with great anticipation that I am looking forward to see you at the upcoming WLIC in Gothenburg in August. If you have not yet registered, I encourage you to do so.

Following last year's Satellite Meeting in Florence, there was a manifested interest that we consult with other sections, whose subjects of research and applications, in the current state of technology, overlap with ours so as to bring the best possible program forth. I am very happy to announce that this year we will be combining forces with our colleagues from the Information

Technology, Cataloguing and Knowledge Management Sections to present a four hour programme of great value. In keeping with the Gothenburg Conference theme, Open access to knowledge - promoting sustainable progress, the theme of the joint programme is Libraries and the Semantic Web. This marks the first time, since my first steps as in IFLA SC member in 2003, that the section has participated in such a joint programme.

The six speakers, chosen by a joint selection committee, will address current issues pertaining to the link between libraries and the semantic web. A printable program can be found at <http://www.ifla.org/en/conferences-programme-print/216>

As usual, the WLIC will be a busy time for our section. The Standing Committee will meet twice. Our first meeting will be held on Tuesday, August 10 from 14.30 to 17.20. The second meeting will take place on Friday, August 13 from 11.30 to 13.00. As you may have noticed, we have obtained later start hours for both our meetings. This will be a welcome change from the usual 8.30 meeting times we have gotten in the other conferences. We invite you to attend these meetings as it is a good opportunity to see the Committee at work.

I wish to thank all contributors to this issue and our Newsletter editor, David Miller, for editing this issue. I hope you enjoy reading this issue of our Newsletter, and I look forward to meeting you at this year's WLIC in Gothenburg.

Jo-Anne Bélair

Bibliothèque de l'Université Laval, Canada
Chair, Classification and Indexing Section
Division III. Library Services
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Classification and Indexing Section Activities in Gothenburg

Tuesday, 10 August 2010 (Session 47)

14:30 - 17:20 SC I Classification and Indexing

Friday, 13 August

11:30 - 13:00 SC II Classification and Indexing

13:15-15:00 Working Group on Guidelines for Subject Access by National Bibliographic Agencies

Sunday, 15 August (Session 149)

08:30 - 12:45 Room: F4-6

Programme: *Libraries and the semantic web*

In collaboration with the Cataloguing, Knowledge Management, and Information Technology Sections

- *Initiatives to make standard library metadata models and structures available to the Semantic Web*

G. DUNSIRE (University of Strathclyde, Glasgow, Scotland, United Kingdom) and M. WILLER (University of Zadar, Zadar, Croatia)

- *The Europeana data model*

M. DEKKERS

- *Linked data for libraries*

J. HANNEMAN and J. KETT

- *Step one: blow up the silo! - Open bibliographic data, the first step towards Linked Open Data*

P. DANOWSKI

- *Porting library vocabularies to the Semantic Web, and back. A win-win round trip*

B. VATANT

- *CONTENTUS - towards semantic multi-media libraries*

J. NANDZIK

Section Standing Committee: New Members

Dr. Jagtar Singh is at present Professor and Head, Department of Library and Information Science, and has also served as Dean, Faculty of Education and Information Science, Punjabi University, Patiala (India) for 2008-2010. He has twenty-five years of teaching and research experience. His publications include about one hundred papers and a book entitled *Information Democracy and South Asia: Promises and Perils of the Web*. He has contributed chapters in prestigious publications, such as *Encyclopedia of Library and Information Science* (Marcel Dekker), *Librarianship and Information Work Worldwide* (Bowker Saur), *International Dictionary of Library Histories* (Fitzroy Dearborn), *Libraries in the Information Society* (Bowker Saur), and *Encyclopedia of Library and Information Science* (Taylor & Francis). He had also published a Festschrift entitled, 'Library and Information Science in Digital Age' in honour of Prof. M. P. Satija.

Besides being on the editorial boards of about a dozen peer-reviewed journals, he has also served as Chief Editor for the *ILA Bulletin*, the official organ of the Indian Library Association (ILA). He

has won many grants and awards, among the the Commonwealth Academic Staff Fellowship (1992), an IFLA Netherlands Conference Grant (1998), an OCLC Dublin Core Grant (1999), a Salzburg Seminar Fellowship (2003) and the Ken Haycock Leadership Development Award (2005) (IASL). He has served as Former Director-Asia, International Association of School Librarianship (IASL), Australia. He is an International Affiliate of the International Institute for the Study of Digital Inclusion (ISDI), Florida State University (USA), and Consultant Professor for the Ph.D. Programme at the National Institute of Library and Information Sciences (NILIS), University of Colombo.

He is the President of the Indian Association of Teachers of Library and Information Science (IATLIS), and also the Country Representative of the UNESCO Project Info Lit Global. He has also been nominated as a member of the Raja Rammohun Roy Library Foundation (RRRLF), Kolkata by the Government of India for 2010-2011. RRRLF is the national body dedicated to developing the public library system in India. He is a much sought-after library consultant and has facilitated the development of many departments of library and information science in India and South Asia. He has been appointed Project Coordinator to host the 'IFLA-UNESCO First World Conference on Information Literacy for Lifelong Learning (FWC)' during the year 2010. In this conference, about 1000 delegates from over 100 countries are expected to participate. Being President of the IATLIS, he is going to lead a chain of workshops on information literacy and library advocacy in India, Pakistan, Bangladesh, Sri Lanka, Maldives and Mauritius. He is also associated with various collaborative projects with IFLA, UNESCO, and other international bodies.



Dr. Jagtar Singh

Reports

DDC Update

International Dewey Users Meeting

OCLC will host the annual International Dewey Users Meeting (formerly known as the Dewey Translators Meeting) in conjunction with the World Library and Information Congress (76th IFLA General Conference and Assembly) in Göteborg, Sweden. The meeting will be held Friday, 13 August, 16:00-18:00, in Swedish Conference Centre, Meeting Room J2. The agenda to date includes presentations on WebDewey 2.0, the Swedish mixed translation, the expansion of 297 Islam under way in cooperation with the Arabic translation team, Dewey research projects, and activities of the European DDC Users' Group.

New Editorial Support System (ESS)

The fourth-generation Dewey Editorial Support System (ESS) was introduced recently. The new ESS supports the development and maintenance of the DDC, "anytime" export of the DDC in a variety of formats to support a variety of services, publication of print editions, ingestion of mapped data, and eventual ingestion of translation data. The system was developed by OCLC staff in Dublin, Ohio, and San Mateo, California.

Earlier generations of the system used a proprietary format for data representation. The new ESS uses the MARC 21 Format for Classification Data for schedule, table, and Manual data; and the MARC 21 Format for Authority Data for the Relative Index and mapped headings. As part of our move to the new system, we have switched our distribution format from the ESS XML format to a MARCXML format.

Pansoft, the Karlsruhe-based developer of the translation support software used by several Dewey translations, has developed the print server for the new ESS under an agreement with OCLC. As part of that agreement, Pansoft is currently converting the existing translation files supported by Pansoft to the new format.

Dewey.info

In mid-August 2009, OCLC launched dewey.info (<http://dewey.info>), an experimental web service to explore the possibilities of applying linked data and semantic web principles to DDC data. The

DDC Summaries are available in eleven languages as the initial data under the Creative Commons BY-NC-ND 3.0 license. The license allows for noncommercial use and redistribution of the unmodified data. In the near future, we plan to add Table 2 (the "geographic table") of the English-language DDC 22, linked to geocodes and FAST geographic headings, to dewey.info under the same CC license.

WebDewey 2.0

OCLC has contracted with Pansoft to develop the successor to the current WebDewey and Abridged WebDewey interface. OCLC expects to launch WebDewey 2.0 in the third quarter of 2010. The new system will include a generic user interface script to support access to Dewey data in different languages, and access to different terminology sets. Future releases will include features such as display of the history information associated with each class, and support for WebDewey as a source of user-generated content.

Decimal Classification Editorial Policy Committee (EPC)

In November 2009, Caroline Kent (British Library) was re-elected chair of EPC. Meeting 133, the last meeting to approve content for inclusion in the next print edition of the DDC (DDC 23), will be held at OCLC headquarters in Dublin, Ohio, 16-18 June 2010. DDC 23 and Abridged Edition 15 are scheduled to be published in 2011.

Joan Mitchell
Editor-in-Chief, Dewey Decimal Classification

EDUG (European DDC Users Group)

The 4th annual EDUG meeting was held on 26 April 2010 at the Bibliotheca Alexandrina, Alexandria, Egypt. This meeting was attended by the representatives of six of the eight Institutional members (European national libraries / bibliographic centres responsible for the use and implementation of the DDC) and of two Affiliated members (organizations and individuals interested in the use and implementation of the DDC in Europe). Some participants were unable to attend the meeting this year because of the volcanic ash cloud.

Three of the four EDUG Working Groups met during the day and reported on the work done since 2009. The 340 Law WG representatives could not attend this year but nevertheless

submitted a report of the group activities for 2009/2010. During the year, the Law WG continued its work on proposals for EU law, criminal courts, juristic acts and literary warrant of theory of sources of law. These were drafted as EPC discussion papers in August 2009 and after further reviews became an EPC exhibit document. It is on the agenda for the EPC June meeting. The 370 Education WG continued its review of provisions for specific subjects in primary school curriculum and produced a report in January 2010. This report was discussed in Alexandria and a final draft will be submitted as an EPC Exhibit for the EPC June meeting. The 930 Archaeology WG continued its work on the geographic and period expansions in 930 / Table 2. The latest comments will be also be tabled as an EPC exhibit document for discussion at the EPC June meeting. The EDUG Technical Issues WG also met and on its agenda were the results of a test survey of DDC applications done at the beginning of 2010. The online survey will be revised by August and a new call will be sent out to fill in the survey. More information will be available on the EDUG website in August.

The EDUG annual meeting was followed on 27 April by a Workshop entitled "Bridging the Class[ification Divide]: The new DDC Languages and Retrieval possibilities". This International symposium jointly organised by the Bibliotheca Alexandrina and EDUG attracted participants from Egypt and Europe. Presentations were given on the use and development of the DDC in Egypt and Arabic countries as well on the development of the DDC in Europe and on the work of EDUG.

The minutes of the meeting and WG documents will be posted on the EDUG website (<http://www.slainte.org.uk/edug/index.htm>).

Patrice Landry
Swiss National Library

Sears List of Subject Headings: A Proposal for headings relating to India

The following was announced at the American Library Association Midwinter Meeting, January 2010.

"It has now been ten years since all the headings [in the *Sears List of Subject Headings*] for Indians, Indians of North America, Indians of Mexico, Indians of Central America, Indians of South America, etc., were cancelled and replaced by the single heading Native Americans, which

can be subdivided by any geographically entity. The response to this change among our users has been universally favorable.

We feel now that the time has come to address the matter of India in some rational way. Given that the confusions between Indians and Indians goes back some five hundred years, we do not intend to rewrite the English language, but only to rewrite the way books are cataloged.

The *Sears List* is widely used in India and in many other countries where India is given more attention than the native peoples of North and South America. In the interest of international application and linguistic conformity around the English-speaking world, we propose applying the term Indians to the people of India and the adjective Indian to things relating to India and its people, history, culture, etc."

For further information, including details of the proposed changes to the *Sears List*, please contact Joseph Miller, editor, at the following address:

The H. W. Wilson Company
950 University Avenue
Bronx, New York 10452
Telephone: (718) 588-8400 ext. 2279
or (800) 367-6770 ext. 2279
FAX number: (718) 590-4566
E-mail address: jmiller@hwwilson.com

News from...

Canada

The last year has been quite eventful for the staff of *Répertoire de vedettes-matière (RVM)*. First, two members of the team have left and two new persons have joined our ranks. This change in personnel has brought a lot of work but also a different outlook for the future.

But the main activity, for which we are very happy and proud, is the launching of a brand new website for RVM:

<https://rvmweb.bibl.ulaval.ca/en/>. The web version of RVM was previously housed at Library and Archives Canada (LAC). We sincerely thank our colleagues at LAC for all the good work during all these years.

The web interface to RVM is now enclosed in a complete website that comprises all the different services and products related to RVM. In addition to consulting RVM, a subscriber can download authority records, use the automated subject heading translation service, send in requests for new headings and modification proposals, participate in a forum about indexing and many other features.

Please come and visit and feel free to contact us for further information.

Jo-Anne Bélair
Head of *Répertoire de vedettes-matière*
Université Laval, Québec

Germany

German national bibliography published as an online journal beginning in 2010

The online database of the German National Library fulfils the legal mandate to carry out bibliographic indexing of all publications issued in Germany. It can be accessed freely via the Internet at <https://portal.d-nb.de>.

The German national bibliography has been published by the German National Library since 1931. Since January 2010, however, it has been issued as an online journal. The publication schedule and the subdivision into different series remain unchanged from the printed edition. The new electronic services reflect users' changing needs and replace the printed and CD-ROM versions. Taking the earlier printed edition as the template, the German National Library will be offering the bibliography as an online journal in PDF format. In addition, the PDF files can also be purchased and downloaded via the WWW or from the FTP server of the German National Library. Costs and conditions can be found here <http://www.d-nb.de/eng/service/zd/dnb.htm>.

Beginning in 2010, all new submitted online publications are recorded in the National Bibliography in an extra series O. In April 2010 the series O already included about 20,700 titles. Due to this large number no extra PDF version is available for these new publications. They can be searched only via the catalogue.

Multilingual subject headings

German and Swiss National Library finished the mapping between the mostly used German SWD subject headings and LCSH and RAMEAU in 2009. Continuing the European MACS project, there are now 60.000 English-French-German links available via the Link Management Interface (LMI). The MACS project has been initiated in 1998 by the CENL to provide multilingual subject access to online catalogues, enabling international users to use the resources available to the public in a better way. It is important that users be able to access catalogues built in a language that they may not master sufficiently. The linking methodology followed ISO-standard 25964: Thesauri and interoperability with other vocabularies resp. British Standard BS 8723 Structured Vocabularies for Information Retrieval. A continuation for Russian and Spanish is planned.

More information can be found at <https://macs.hoppie.nl/pub/topic/about-macs>.

Linked Data Prototypes

More and more linked data services are available worldwide, especially for subject and name authorities. The German National Library has created a first prototype for access to 1,700,000 personal names, including about 100,000 links to Wikipedia, as well as to VIAF mappings and to 160,000 subject headings.

Authority records available at no charge

German authority records are now offered via SRU in MARCxml and MARCxml-1 data format by the German National Library. <http://www.d-nb.de/eng/service/zd/sru.htm#3950>

Cataloguing rules

Further internationalisation of German cataloguing rules RAK and RSWK was discussed at the annual German library conference in March. Special guest Alan Danskin, of the Joint Steering Committee for the Development of RDA (JSC), reported on RDA at first hand.

PETRUS – computer-supported indexing procedures

In 2009 the German National Library began testing automatic indexing procedures. The aim of this project, called PETRUS, is a linkage of conventional media processing and automatic procedures. In fulfilling the legal mandate of

indexing *all* publications, there is no alternative for trusting in software applications. The rapidly growing number of printed titles, as well as the enormous number of web resources under the .de-domain, requires non-intellectual workflows and a speed-up of usual cataloguing mechanisms. Wherever possible, computer-supported procedures should help indexers and help to save personal resources for what is really needed to improve online retrieval.

All German online publications are catalogued automatically, beginning in 2010. Because retrieval of delivered metadata and full texts is possible, no other intellectual cataloguing process is done for this type of media.

At the moment new indexing and classification software systems will be compared and tested. Within different scenarios, librarians analyse different media and document types, their cataloguing requirements and the quality of searching for those automatically indexed publications.

Yvonne Jahns
Deutsche Nationalbibliothek

Iceland

Classification

As reported earlier the *Dewey Decimal Classification System* (DDC) is by far the most commonly used classification scheme in Iceland. For further information see e.g.

1. Thordis T. Thorarinsdottir. (2009, June). Iceland. IFLA *Classification and Indexing Section Newsletter*, 39, p. 9: www.ifla.org/files/classification-and-indexing/newsletters/ifla-newsletter-classification-39.pdf (retrieved May 10, 2010.)
2. Þórdís T. Þórarinsdóttir =Thordis T. Thorarinsdottir. (2009). On subject classification and the use of DDC in Iceland. In Gunnar Þór Jóhannesson og Helga Björnsdóttir (editors), *Rannsóknir í félagsvísindum X. Félags- og mannvísindadeild. Erindi flutt á ráðstefnu í október 2009* (pp. 127-141). Reykjavík: Félagsvísindastofnun Háskóla Íslands.

Subject Indexing

As reported earlier there is an ongoing work in indexing and subject analysis, see e.g. Thordis T.

Thorarinsdottir. (2009, June). Iceland. IFLA *Classification and Indexing Section Newsletter*, 39, pp. 9-10: www.ifla.org/files/classification-and-indexing/newsletters/ifla-newsletter-classification-39.pdf (retrieved May 10, 2010).

The main task of the *Subject Indexing Committee* now is to expand (based on literary warrant), develop and edit the Icelandic thesaurus (Kerfisbundinn efnisordalykill), see www.landskerfi.is/php/efnisord.php. Additionally, the *Committee* is working to unify and improve older entries in the national catalogue (www.gegnir.is), which were originally imported from several other smaller databases, by coordinating the indexing terms used and exchange unauthorized indexing terms for authorized ones. The *Committee* has selected the software, *MultiTes*, <http://multites.com> (formerly TINTERM, which is no longer available), to host, maintain and publish the thesaurus. The *Subject Indexing Committee* (four specialists) meets twice a month under the leadership of the representative of the National and University Library (Landsbókasafn Íslands – Háskólabókasafn).

Thordis T. Thorarinsdottir
Menntaskólinn við Sund Library

Norway

Dewey Decimal Classification

Norway is now ready for starting the process of switching to a web version of Dewey. The Norwegian WebDewey will be a complete translation of the DDC. The decision to translate the complete Dewey has been made after thorough studies of the needs of Norwegian libraries. Considerations of a mixed-translation approach have been an important part of these studies.

The work will be done by a translation team made up by an editor / translator together with a team at the National Library and external experts and librarians. Verbal access and end user tools will be emphasised, therefore mapping projects will be an important part of the project.

Subject headings

Medical Subject Headings (MeSH): Norway has no controlled vocabulary within medicine and health in Norwegian. The medical libraries use MeSH in its original language. To improve the

situation for Norway, the Norwegian Knowledge Centre for the Health Services started the pilot project "MeSH translated to Norwegian" in 2009 to ensure that the most important terms in the thesaurus Medical Subject Headings (MeSH) are translated to Norwegian by 2011.

A Norwegian translation will be part of the multilingual vocabulary. Professional terms and more daily used terms will make the thesaurus very useful for professionals and lay people. The main goal is to get a Norwegian thesaurus for medicine and health that can be used by anyone. It applies to the indexing of publications and websites, for optimal retrieval, and standard vocabulary within the area for good, precise communication and training.

Controlled vocabularies in other subject fields are now emphasized in Norway, so cooperation is important to ensure that different subject vocabularies and classifications communicate well. The project enjoys support from National Library of Medicine (NLM) with free application software, the MeSH Terminology Maintenance System (MTMS), and much enthusiasm from health professionals, librarians and institutions, among them The Norwegian Medical Association, KITH – Norwegian Centre for Informatics in Health and Social Care, The Language Council of Norway, and Norwegian Committee on Classification and Indexing (NKKI). So far we have translated 2000 MeSH and we are now applying for funds to have the pilot project finished within 2011.

Ingebjørg Rype
National Library of Norway

Sweden

Classification

In 2011, The National Library and about thirty other Swedish research libraries plan to switch from a national Swedish classification scheme, SAB, to DDC. During 2010, preparations for this switch constitute a major task for the Swedish libraries. Central preparations, including translating parts of DDC following the mixed model, mapping Swedish subject headings to DDC, and updating the conversion table between SAB and DDC, are carried out at the National Library. A Swedish WebDewey is planned to be released in summer 2010. Between September 2010 and February 2011, about 700 librarians will be offered training in DDC. Local preparations

include the development of new shelf lists based on DDC and adaptation of workflows. Most libraries plan to use DDC for the shelf location from 2011 on. Manual reclassification is in general not on the agenda, since the Swedish libraries will rely on DDC numbers imported from other databases and the conversion table for joint search possibilities for literature classed with SAB and literature classed with DDC.

Subject headings

During this past year, the National Bibliography made a feasibility study on removing the precoordination or reducing the number of possible subdivisions in the Swedish subject heading language, *Svenska ämnesord*. The goal of the change would be to make subject indexing easier for cataloguers and reduce costs. The proposal was distributed among the libraries that use *Svenska ämnesord* for feedback. All libraries were in favour of a streamlining of the indexing process, and a majority agreed on the proposal in the study. However, many questioned whether removing precoordination would be the right way to go. Since *Svenska ämnesord* is mapped to LCSH, and in general follows the same rules for precoordination, it is easy to translate LCSH into Swedish. This has been done manually so far, but automated processes could be explored in the future. The removal of the precoordination would make *Svenska ämnesord* and LCSH less similar and the translation more time consuming. The bibliographic work in Sweden has for some decades been focused on adopting international standards whenever possible. The switch to DDC is one example. Making *Svenska ämnesord* less similar to LCSH would be a major setback in this aspect.

Magdalena Svanberg
Kungl. biblioteket – National Library of Sweden

Switzerland

Subject indexing

The Swiss National Library is presently working on developing a new cooperative model for the proposal of new SWD headings by Swiss libraries. With the increasing number of libraries in Switzerland using the SWD indexing language, the Swiss National Library wants to make sure it can cope with this increase. A report will be submitted in August.

The library continued its work in using and developing the DDC. Work is ongoing in the development and expansion of the open stacks collections and modifications to DDC call numbers. In addition to the work on the open stacks collection, the staff of the library continued its work in the modifications to the 494 (table 2) notation for Switzerland. These modifications will be discussed at the June meeting of the DDC Editorial Policy Committee.

MACS

There are presently over 61'000 links in the MACS database with SWD, RAMEAU and LCSH headings. Since May 2009, 47'000 links have been created, mainly by contract staff from the Deutsche Nationalbibliothek. Since the beginning of 2010, work has been focused on doing quality control of links.

Patrice Landry

United Kingdom

Classification and Indexing News

The final report of the Online Catalogue and Repository Interoperability Study (OCRIS) contains information about several classification and indexing issues. The project was carried out by the Centre for Digital Library Research at the University of Strathclyde between April and August 2009. Its objectives included an examination of the interoperability of OPAC and repository software for the exchange of metadata and other information; identification of the potential for improvements in the links from repositories and/or OPACs to other institutional services, such as finance or research administration; and making recommendations for the development of possible further links between library OPACs and institutional repositories. Generally, the project found that interoperability is poor and under-developed. The project gathered information about the use of authority control for names and subjects using an online form backed up with desk research, and makes several observations and recommendations under the heading "Authority control and description". While name ("author") and subject authority control is well-established in library catalogues, in institutional repositories there is little subject authority control, and institutions are beginning to come across severe problems in name authority control as the scale

of repositories increases. One surprising, and somewhat serious, issue was confusion between Library of Congress Classification, which is bundled with the main institutional repository software packages, and Library of Congress Subject Headings: many respondents indicated that they used the subject headings, but desk research showed that it was the classification scheme. The report is available at http://ie-repository.jisc.ac.uk/430/1/OCRIS_Report.pdf.

The NAMES project has recently released a prototype interface for the identification of individuals and institutions involved in research in the UK higher education sector. The prototype and further information about the project can be found at <http://names.mimas.ac.uk/>.

The EASTER (Evaluating Automated Subject Tools for Enhancing Retrieval) project is testing and evaluating tools for automated subject metadata generation. Further information can be found at <http://www.ukoln.ac.uk/projects/easter/>.

The MERLIN (Metadata Enrichment for Repositories in a London Institutional Network) project is demonstrating and evaluating the use of off-the-shelf text mining and thesaurus tools to derive descriptive subject classification from full text repository deposits. Further information can be found at <http://www.ucl.ac.uk/ls/merlin/>.

The Value for money in automatic metadata generation (ViM) project aims to improve understanding of the information search and retrieval needs of higher education in order to identify opportunities to increase the efficacy of metadata, and to improve efficiency of metadata generation processes in national and local services. Further information can be found at <http://mimas.ac.uk/news/2009/10/humans-or-machines/>.

Other News

Following the proposal mentioned in the last Newsletter, a cross-Section IFLA Namespaces Task Group was set-up towards the end of 2009. The Group produced a report on the requirements and options for the support of Semantic Web namespaces for IFLA bibliographic standards, which was sent to the IFLA Professional Committee in April 2010.

Preliminary work has begun on the formulation and publication of Functional Requirements for Authority Data (FRAD) in Resource Description Framework (RDF), the data model of the Semantic Web. The NSDL Metadata Registry is

being used to assign uniform resource identifiers (URIs) to classes and properties abstracted from the entities, attributes and relationships described in FRAD. This parallels similar work underway with Functional Requirements for Bibliographic Records (FRBR). As FRAD is an extension of FRBR, care is being taken to re-use FRBR classes and properties where appropriate. Notes of differences in definition and scope between FRBR and FRAD will eventually inform the work to consolidate the Functional Requirements family (FRBR, FRAD and the imminent Functional Requirements for Subject Authority Data (FRSAD)) which will be undertaken by the FRBR Review Group. The draft FRAD entries in the Registry can be found at <http://metadataregistry.org/schema/show/id/24.html> and the draft FRBR entries at <http://metadataregistry.org/schema/show/id/5.html>. Technical experts should note that the Registry supports only class and property definitions and basic relations between them. An additional RDF/XML file is being developed to declare property types, class restrictions and other ontological structures. Queries and comments are welcome, and should be emailed to Gordon Dunsire at g.dunsire@strath.ac.uk.

Gordon Dunsire
Centre for Digital Library Research
University of Strathclyde

United States

News from the Library of Congress

[Geographic coordinates in LC Name Authority Records for jurisdictions](#). The Library of Congress recently entered into a cooperative project with OCLC to receive and distribute revised name authority records for jurisdictions that will add geographic coordinates in 034 fields (Coded Cartographic Mathematical Data). The coordinate data has been extracted by the OCLC Office of Research from 670 citations and online geographic databases as part of FAST (Faceted Application of Subject Terminology). This project follows successful efforts by OCLC to enhance authority records with geographic data including 043 fields (Geographic Area Code) and 781 fields (Subdivision Linking Entry--Geographical Subdivision). LCCNs of sample records that illustrate the coordinate additions: n 00004724, n 00005017, and n 00001407. It is expected that OCLC will be enhancing approximately 77,000 name authority records with this project.

The records will flow through the normal NACO contribution and distribution streams. Any questions regarding the data content of these records can be directed to the Library of Congress Policy and Standards Division, email: policy@loc.gov.

[Authorities & Vocabularies Service update](#). The vision for the Authorities & Vocabularies service <http://id.loc.gov>, which went live in April 2009, is focused on the automatic generation of metadata for digital documents, digital tables of contents, and digital summaries. The service will provide code lists, subject headings, and other terminologies, which can be used to automatically provide codes, suggest subject headings and alternate terminology from various lists, and enrich searching. The Authorities & Vocabularies service is free and open to the public for searching, downloading of, and linking to any of the data contained in the service.

Currently, the Authorities & Vocabularies service contains the *Library of Congress Subject Headings*, its first vocabulary. The subject headings are expressed using the Simple Knowledge Organization System (SKOS) format in which each concept is assigned a unique URI. Library of Congress Subject Headings concepts within the Authorities & Vocabularies service include links to associated French concepts from the RAMEAU service. LC is exploring with the National Library of Spain and the National Library of Chile providing LCSH/SKOS in Spanish and with the University of Laval providing RVM (*Répertoire de vedettes-matière*) for the French Canadian concepts.

The LCSH/SKOS terminology section of the Authorities & Vocabularies service has experienced the following developments over the past year: 1) Enhanced use statistics to evaluate the effectiveness of the service; 2) Weekly updates; 3) Access to deleted terminology; 4) A scope statement explicitly describing the contents of the product. Priorities for the immediate future include: 1) Enhanced human search functions, including the non-preferred term search; 2) Experiments to discover feasibility of a "social tagging" function in which users could suggest alternate terminology; 3) Experiments in developing a "subject suggester" function; 4) Re-design of the search results screen to display the "visualization"; 5) Expanded use of eye-readable labels for terms and on browse lists. Longer-term goals include: 1) Adding more vocabularies, such as: Thesaurus of Graphic Materials, MARC Geographic Area Codes, MARC Language Codes, MARC Relator Codes; 2)

Several additions in support of technical metadata standards will be added, including: Preservation Events, Preservation Roles, Cryptographic Hash Functions.

Genre/form update. The Policy and Standards Division (PSD) is continuing to develop Genre/form headings. The thesaurus now has a distinctive title, *Library of Congress Genre/Form Terms for Library and Archival Materials (LCGFT)*. A separate MARC source code, which will distinguish headings in *LCGFT* from LCSH headings, will be assigned, after which the authority records will be updated. At the same time, LCCNs with a distinctive prefix will be assigned to genre/form authority records.

The moving image and sound recording headings have moved out of the development stage and are now being maintained. In 2010 there will be four active projects to develop new terminologies: cartography, law, music, and religion.

Cartography. Approximately 65 cartographic genre/form headings were approved in mid-May and the subdivisions used for maps will be revised in late summer, with LC implementation to occur soon thereafter. A firm date for LC implementation headings and revised form subdivisions will be announced when it is available.

Law. The American Association of Law Libraries (AALL) continues to work with PSD to revise its report, "Genre/Form Terms for Law Materials." Online proposals for the headings will be created in mid-2010, with formal approval to follow.

Music. PSD is collaborating closely with the Music Library Association to deconstruct existing topical headings into their constituent genres, forms, and mediums of performance, so that those elements can be separately coded and searched.

Religion. The American Theological Libraries Association (ATLA) is partnering with PSD to develop genre/form headings for religion. Janis L. Young, LC's genre/form coordinator, moderated a round table presentation on genre/form headings at the American Theological Libraries Association (ATLA) conference in June 2010.

Further information on LC's genre/form projects, including an extensive FAQ, timeline, discussion papers and announcements, is available on PSD's web site at

<http://www.loc.gov/catdir/cpso/genreformgeneral.html>.

LCSH Validation Records. As of May 2010, there are over 40,000 subject validation records. These records were generated from LCSH subject heading strings used in bibliographic records, for which no authority records had previously been created.

Subject Headings Manual, 2010 edition, Update 1. Print copies of Update 1 of the Subject Headings Manual, 2010 are available from the Library of Congress Cataloging Distribution Services (CDS). Free pdf versions of Subject Headings Manual updates are available at: http://www.loc.gov/cds/PDFdownloads/shm/SHM_2010-01.pdf

Library of Congress Classification (LCC). Available from the Cataloging Distribution Service are the new print 2010 editions of P-PA (Philology and Linguistics (General)); Greek Language and Literature; Latin Language and Literature) and PL-PM (Languages of Eastern Asia, Africa, Oceania; Hyperborean; Indian, and Artificial Languages).

The Library of Congress has completed a major revision to the LCC classification span for the Iraq War (formerly DS79.76-DS79.769). The revision appears on Weekly List 5 of 2010, approved on February 3, 2010. The revision was undertaken because the former classification array for the war was insufficient for the volume and variety of works being published about the war. Because of this fact, many works on specific topics (e.g., cultural property, economic aspects) were being inappropriately classified in the **General works** number. The revision will impact the classification of works already in library collections. As is the case with most of the LCC schedules for countries of the Middle East, there is very little space for expansion in the Iraq schedule (DS67-DS79.9). Therefore, the Library of Congress had to repurpose some existing numbers. Libraries may want to consider reclassifying their existing collections where this occurs, and/or reclassifying works on specific topics that have been placed in the **General works** number.

Interested parties are encouraged to consult the approved Weekly List 5, available at URL <http://www.loc.gov/aba/cataloging/classification/weeklylists/>.

Pre- vs. Post-Coordination of Library of Congress Subject Headings. In 2007 the Library of Congress Cataloging Policy and Support Office (CPSO, now the Policy and Standards Division, or PSD) issued a report entitled, "Library of Congress Subject Headings: Pre- vs. Post-Coordination and Related Issues," as requested by the Director for Acquisitions and Bibliographic Access. Pre-coordination is the combining of elements into one heading in anticipation of a search on that heading. Post-coordination is the assignment of elements to separate headings, in anticipation of a user's combining them at the time he or she looks for materials in a catalog, usually through keyword searching. Although LCSH is primarily a pre-coordinate system, many complex or multi-element topics require post-coordination in order to achieve coverage. There are numerous cases in which elements cannot be combined into single headings, even with subdivisions. In those situations, an array of headings may be assigned that, taken together, are coextensive with the topic of an item. LCSH therefore requires some degree of post-coordination of the pre-coordinated strings to bring out specific topics of works.

The 2007 report concluded that it is desirable to continue to assign pre-coordinated heading strings because they provide context, disambiguate between terms, suggest other searches, provide precision in searching, and allow for browse displays. With that conclusion as its foundation, the report also recommended several ways to reduce the cost of pre-coordination. These methods can be summed up into two general categories. They are: 1. make better use of technology, including developing a new search engine; and 2. simplify the rules for creation and application of pre-coordinated strings.

The report, updated to show progress as of May 2, 2010 in carrying out the action items and recommendations made and accepted in 2007, is available on the Library of Congress Acquisitions and Cataloging Website at URL <http://www.loc.gov/aba/>.

Susan R. Morris
Special Assistant to the Director for Acquisitions
and Bibliographic Access
Library of Congress

More News

Concepts in Context – Cologne Conference on Interoperability and Semantics in Knowledge Organization

Cologne University of Applied Sciences, Cologne, Germany
July 19th and 20th, 2010

In cooperation with the German National Library (DNB), the Institute of Information Management (IIM) at the Cologne University of Applied Sciences would like to invite you to attend the Cologne Conference on Interoperability and Semantics in Knowledge Organization *Concepts in Context* on July 19th and 20th at the Cologne University of Applied Sciences in Cologne, Germany. The talks present current developments in the field of knowledge organization, especially theoretical foundations for interoperability and semantic enrichment.

The conference will offer a platform for discussing recent developments and activities to improve interoperability and search functionalities of knowledge organization systems with internationally renowned information specialists like Stella Dextre Clarke, Maja Žumer and Dagobert Soergel. It will also present and assess several ideas and models which have been developed in the context of two current research projects, CrissCross and RESEDA. The first day will focus on best practice examples and planned applications for providing interoperability, presenting a review of the CrissCross project. Theoretical foundations, innovative models and frameworks as well as future perspectives will be discussed in greater detail on the second day. A current focus will be the *Functional Requirements for Bibliographic Records (FRBR)*, the *Functional Requirements for Authority Data (FRAD)*, and the *Functional Requirements for Subject Authority Data (FRSAD)*.

The attendance of the event is free of charge. You will find the programme as well as further information and a registration form on the conference website: http://linux2.fbi.fh-koeln.de/cisco2010/index_en.html.

Yvonne Jahns



Content Architecture: Exploiting and Managing Diverse Resources

Recordings of a selection of talks from the ISKO UK Conference "Content Architecture: Exploiting and Managing Diverse Resources" 23-24 June 2009 are now available at the conference proceedings webpage
<http://www.iskouk.org/conf2009/proceedings.htm>.

The outputs published shortly after the conference contain abstracts, presentation files and papers - all available on the same webpage.

A selection of talks were edited and mp3 files are now available for the following presentations:

- * Keynote David Crystal: Semantic targeting: past, present and future
- * Keynote Clifford Lynch: e-Research and new challenges in knowledge structuring
- * Madi Solomon: Here comes everything
- * Charles Inskip, Andy MacFarlane, Pauline Rafferty: Organising music for movies
- * Ian Davis: Still digital images - the hardest things to classify and find
- * Chris Town: Giving meaning to content through ontology based image retrieval
- * Danny Budzak: Shoebox stories - online history in East London
- * Tom Scott, Michael Smethurst: Building coherence at bbc.co.uk
- * Brian Matthews et al : An evaluation of enhancing social tagging with a knowledge organization system
- * Sarinder Kaur Kashmir Singh et al: Biodiversity information retrieval across networked data sets
- * Fidelia Ibekwe-SanJuan: Semantic metadata annotation: tagging Medline abstracts for enhanced information access
- * Paul Miller: Exploiting data in the cloud
- * Chris Town, Karl Harrison: Large-scale grid computing for content-based image retrieval
- * Marcia Zeng, Maja Žumer: Mapping FRSAD model and other abstract models
- * Felix Boteram: Semantic interoperability in an international comprehensive knowledge organisation system
- * Emad Khazraee et al: EIAH data model: semantic interoperability between distributed digital repositories

Aida Slavic
Hon. Secretary ISKO UK



RDA in Europe: making it happen!

The European RDA Interest Group (EURIG) <http://www.slainte.org.uk/eurig/rda.htm> met at ALA Midwinter Meeting and planned "EURIG-JSC Seminar on RDA - RDA in Europe: making it happen!" This seminar will be held at the Royal Library in Copenhagen on 8 August 2010. There, implications for libraries in Europe and in particular its non-English speaking cataloguing communities will be discussed. The seminar will take place the day before the IFLA World Library Information Congress starts in Gothenburg, but is not a part of the Congress. The day, however, has been chosen to make it possible for people attending the IFLA Congress to also go to this seminar on their way to Gothenburg. The cost is only 40 EUR.

For more information see
<http://www.slainte.org.uk/eurig/docs/EURIGJSCSeminar2010FinalNotification.pdf>



Svenska Mässan: The Swedish Exhibition & Congress Centre

<http://www.svenskamassan.se/index.asp?section=besokaSvenskaMassan>

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