International Federation of
Library Associations and Institutions

Cataloguing Section
ISBD Review Group
ISBD/XML Study Group

Report of activities, August 2010-June 2011

The ISBD Review Group **ISBD/XML Study Group** is in its **third, extended phase of the project which was accepted by the ISBD Review Group and Cataloguing Section during 2010 IFLA meeting in Gothenburg, Sweden**. The project was assigned 2700€ of budget for 2011.

The re-directed project goal and main objectives, accepted by the ISBD Review Group and Cataloguing Section are:

(1) to build a consensus on the *raison d'être* of moving the ISBD into the web environment, and define possible uses of such a product, (2) to develop an ISBD RDF/XML schema, (3) to ensure the interoperability of the product with similar ones such as MARC/DCXML schemas, at least at the conceptual level, within the current semantic web technologies and services, (4) to liaise with relevant constituencies in the field, and (5) to propose further development of software tools and services.

The Study Group has been working in this direction:

- The 2nd meeting of the ISBD/XML Study Group, Gothenburg, Sweden, 11, 12 & 13 August, 2010 at 76th IFLA General Conference: decisions and actions informed the further work on representing ISBD in RDF, and the proposal for the extension of the project, which was subsequently accepted.
- A face-to-face meeting, 4 October 2010, Zagreb, Croatia. Present: B. Bosančić (XML expert), G. Dunsire (consultant), M. Willer (chair).The following topics were discussed and action defined: G. Dunsire reported on his discussions relevant to further development of representing ISBD in RDF with members of the W3C Library Linked Data Incubator Group (W3C LLDIG), features of Application Profile were further defined, M. Willer reported on progress by the ISBD Review Group to produce a definitive list of ISBD elements which defined action necessary for registering specific features of ISBD in Open Metadata Registry (OMR) as ISBD element sets and ISBD vocabularies for Area 0.
- A face-to-face meeting, 16 November 2010, Poreč, Croatia. Present: B. Bosančić (XML expert), G. Dunsire (consultant), M. Willer (chair).The following topics were discussed and action defined: further development of Application Profile, mandatory status of Title Proper element, and status of ISBD Element Table in the consolidated ISBD.
- Ad hoc meeting, 25 February 2011, National Library of Scotland, Edinburgh, UK. Present: G. Dunsire (consultant), E. Escolano Rodríguez (member & ISBD RG chair), M. Willer (chair), and observers from National Library of Scotland and University of Zadar,

followed by the [Seminar Libraries and the Semantic Web: the Role of International Standard Bibliographic Description (ISBD)](#). The following topics were discussed and action defined: revision of registered elements and definitions following approved ISBD, Application Profile: issues of repeatability and punctuation, approval and publishing the RDF elements and the AP: scheduling, treatment of translations in Open Metadata Registry (Spanish, Croatian, etc.), registration of some or all of the "standard" Area 0 aggregated statements in the namespace, and preliminary discussions on UNIMARC formats & ISBD & RDF.

- List of [Presentations Related to the ISBD/XML Study Group](#) was published on the SG's website.

Activities by the consultant, G. Dunsire:

- [W3C Library Linked Data Incubator Group Face-to-Face Meeting and DC-2010](#), Pittsburgh, USA, 21-24 Oct 2010

At the time of writing this report all planned activities have been finalized: ISBD elements and vocabularies are registered in OMR, while some of them, such as Area 0, published with translations in Spanish and Croatian; Application Profile's final version and the XSLT display format for punctuation in the form accepted at the Edinburgh meeting is being tested; the activities to integrate the ISBD RDF representations with the IFLA infrastructure are under way depending on the IFLA relevant bodies' decisions. The first two activities will be finalized by IFLA meeting in San Juan, August 2011, while the third will be prepared and its realization will be pending on IFLA's action. Liaison activities have brought further understanding and development of representing ISBD in RDF, ISBD in relation to other IFLA models and standards, ISBD and RDA, ISBD and namespaces (Namespaces Technical Group), and ISBD in Linked Data context (W3CLLD Incubator Group) in general. These activities as well as the three years work of the ISBD/XML Study Group have been a strong part of the movement towards the new era of IFLA standards in Semantic Web environment & "Universal Web Control".

Planned activities by the end of the project, December 31, 2011:

- Meeting of the ISBD/XML Study Group at 77th IFLA General Conference, San Juan, Puerto Rico, 15 & 17 August 2011; agenda has been agreed; SG's final report will be reviewed

- G. Dunsire & M. Willer. UNIMARC and Linked Data. At: 77th IFLA General Conference, Session 187 — *Advancing UNIMARC: alignment and innovation* — IFLA UNIMARC Programme (UNIMARC), 17 August 2011 [extension of ISBD representation in RDF to UNIMARC representation in RDF]

- A face-to-face meeting, Zadar, Croatia, September, 2011 [B. Bosančić (XML expert), G. Dunsire (consultant), M. Willer (chair)]: review comments on the SG's final report and act accordingly

- Workshop *Knjižnice i semantički web: uloga Međunarodnog standardnog bibliografskog opisa (ISBD) = Libraries and the Semantic Web: the Role of International Standard Bibliographic Description (ISBD)*, 21 November 2011 at the National and University Library in Zagreb, Croatia (M. Willer, G. Dunsire, B. Bosančić), followed by a face-to-face meeting: draft the documentation of the project

- *15. seminar Arhivi, knjižnice, muzeji: mogućnosti suradnje u okruženju globalne informacijske infrastrukture*, Poreč, 23. – 25. studenoga 2011. Available at: http://www.vnovak.hr/akm/index.html [Workshop] How to Create Linked Data. Prepared by: Gordon Dunisire and Mirna Willer

- Publish ISBD elements and vocabularies in OMR; finalize documentation of the project, and give directions of further actions to position ISBD within the Semantic Web environment.

Financial report: the assigned budget is being spent on consultant's travel expenses and OMR development. The precise data will be given during IFLA Conference meetings.

Mirna Willer, Chair

2011-06-24