



## 78th IFLA GENERAL CONFERENCE, HELSINKI, FINLAND – 11-17 AUGUST 2012

### Cataloguing Section

### ISBD Review Group

### ISBD/XML Study Group

<http://www.ifla.org/node/1795>

## Minutes

**Meeting:** Monday, 13 August 14:45-16:45

**Attendees:** Gordon Dunsire, Elena Escolano, Lynne Howarth, Françoise Leresche, Dorothy McGarry, Mirna Willer.

#### 1. Welcome and introductions

F. Leresche welcomed the members and the numerous observers.

#### 2. Agenda

The agenda was adopted without changes.

#### 3. Approval of the Minutes of the ISBD/XML SG meetings held in San Juan, Puerto Rico, August 15 and 16, 2011

Minutes were adopted without changes.

#### 4. Activity Report, 2011-2012

F. Leresche presented the ISBD/XML's activity report for 2011-12 (*ISBD/XML Study Group Activity Report, August 2011-June 2012*), which was circulated through email prior to the meeting among all SG members.

The following issues were examined in detail:

#### 4.1. Namespaces for the Consolidated ISBD

Namespaces for the Consolidated ISBD in OMR (Open Metadata Registry)<sup>1</sup> were published, and a full de-referencing service implemented. Further information is available on the IFLA website.<sup>2</sup>

#### 4.2. *Mapping of ISBD elements to RDA elements, version 1, 25 July 2012*

The mapping revealed that two modifications should be made in the declaration of the elements in the OMR:

- pagination: the misalignment was remedied by the addition of a scope note indicating that pagination can apply not only to textual materials but also to notated music and cartographic materials;
- dimensions: the definition in OMR should be replaced with the correct definition from the glossary in the ISBD text.

Work on the mapping revealed that the ISBD text should be clarified on many points, especially in the definitions and the terminology, which is sometimes ambivalent:

- ISBD Glossary: the definition for the 'dimensions' element should be modified in order to include a reference to the 'container'.
- use of the term 'statement': in RDF representations of various bibliographic standards, 'statement' is usually an indication that a textual or literal statement cannot be linked to anything else; in DCMI Application profile ISBD the use of the term 'statement' refers to aggregations of elements in 'aggregated statement'; in ISBD the use of 'statement' is ambiguous, as it sometimes refers to aggregations of elements (e.g., 'edition statement'), and sometimes to transcribed data (e.g., 'statement of edition'). Such ambiguity should be clarified.

Issues raised by the mapping have important impact on the further revision of the ISBD, such as issues regarding ISBD glossary, aggregated statements, granularity of notes, as well as the ISBD elements and rules as it was recognized that the ISBD text does not clearly separate elements from rules.

In addition, the presentation of the rules themselves should evolve so that each rule (and even option) could be identified by a specific rule number within ISBD, and by a URI. That way, it would be possible to express in RDF that a given element is governed by certain rules (or options).

**Action:** Report on any issues relevant to the ISBD revision process.

#### 4.3. *Mapping of ISBD area 0 vocabularies to RDA/ONIX Framework vocabularies, version 1, 4 April 2012*

The *Mapping* was revised and finished as Action 23 of the Glasgow Outcomes. The document was sent to the JSC/RDA for its information on 30 July 2012. The second stage of

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<sup>1</sup> <http://metadataregistry.org/>

<sup>2</sup> <http://www.ifla.org/en/news/isbd-namespaces-published>

this action, i.e., the implementation of the namespaces mapping, has to wait until the JSC/RDA publishes the RDA/ONIX Framework namespace.

#### 4.4. *Translations of RDF representation of IFLA standards*, version 1.0, 9 April 2012

The Guidelines on the translation of ISBD namespace were developed into a more general one that includes the FR family of models in collaboration with the Namespaces Task Group. It was therefore passed on to that group for further development and maintenance. It was recognized that there could be a need to develop specialized translation guidelines for ISBD.

**Action:** Consider developing specialized translation guidelines for ISBD namespaces.

It was also recognized that *Guidelines for use of ISBD as Linked Data*, proposed as a project for 2012, still seems to be needed as a separate document from the translation guidelines.

**Action:** Plan work on Guidelines for use of ISBD as Linked Data for 2013-2014.

#### 4.5. Development of mapping between ISBD and FRBR namespaces

Clarification of the relationship between ISBD 'Resource' and FRBR WEMI will be required before mappings between the ISBD and FRBR namespaces (and also ISBD and RDA by extension) can occur.

Consequently, the relationship between the Resource class (ISBD) and the WEMI classes (FRBR) was deemed the most urgent issue to be investigated further and specified.

**Action:** Write a discussion paper on Resource vs. WEMI entity resolution: Priority action for 2013.

It was also noted that some colleagues found it difficult to understand the many mappings/alignments and projects of groups and subgroups and how they interrelate, and that a development of a diagram would be helpful.

**Action:** Develop a diagram of mappings/alignments and related projects.

#### 4.6. ISBD Application Profile

The ISBD Application Profile would specify how usage constraints, such as mandatory/optional, order and repeatability of elements, and aggregated statements, such as ISBD areas, should be modelled.

During the 2010 IFLA meeting in Gothenburg, Sweden, it was decided to move towards some resolution with DCMI using ISBD as a case in the development of the Dublin Core Application Profile (DCAP).

The work on the ISBD AP was left pending, as it depends on DCMI's progress on this issue.

**Action:** Develop the ISBD AP as soon as conditions are met.

#### 4.7. Presentations

Elena Escolano Rodriguez described the presentation she gave at the Global Interoperability and Linked Data in Libraries Seminar, Florence, 18-19 June 2012, under the title: [ISBD adaptation to semantic web of bibliographic data in linked data](#).

A list of presentations at conferences, workshops, etc. is updated on the ISBD/XML SG's website.

#### 5. Perspectives for the ISBD/XML SG and planned activities

F. Leresche reported that with the ISBD namespace being published, and in addition to developing the ISBD AP and maintaining ISBD namespaces, the SG's plan is to turn its activity to creating mappings and alignments with other bibliographic standards, and liaising the ISBD with the Semantic Web community.

The name and the position of the SG was discussed, especially in relation to the Namespaces Task Group; the issue of its position in relation to the Classification and Indexing Section, to which it is affiliated, the Cataloguing Section, Division III, and the newly established Committee on Standards, was not resolved during the conference. It was decided, therefore, that the group will continue under the present name and with the revised tasks until the next IFLA conference when these issues are expected to be resolved.

Volunteers were invited to join the ISBD/XML Study Group.

#### 6. Revised Work plan for 2012-2013

6.1. Follow up any changes required in the ISBD namespace resulting from the Glasgow meeting in November 2011.

This includes the alignment work between ISBD and RDA which corresponds to Action 24 of the Outcomes of the Glasgow meeting.

6.2. Follow up developments regarding publication of the RDA/ONIX Framework namespace, and start the implementation of the ISBD/ROF namespaces mapping as appropriate. Ensure that ISBD's interests are represented in further development of the Framework itself.

This corresponds to Action 23 of the Outcomes of the Glasgow meeting.

This corresponds to [Action 4 of the ISBD RG's Work plan](#) adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.3. Liaise with DCMI on improving its infrastructure and support for Application Profiles, using the ISBD AP as a case study, and subsequently further develop the ISBD AP as soon as conditions are met.

This corresponds to [Action 8 of the ISBD RG's Work plan](#) adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.4. Consider developing specialized translation guidelines for ISBD namespaces.

This corresponds to [Action 5 of the ISBD RG's Work plan](#) adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.5. Continue to monitor and liaise with the Permanent UNIMARC Committee on the proposals to represent UNIMARC in RDF and develop mappings between the ISBD and UNIMARC namespaces.

6.6. Write a discussion paper on *Resource vs. WEMI entity resolution*.

**Priority action for 2013.**

This corresponds to Action 7 of the ISBD RG's Work plan adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.7. Monitor development of RDF representations of ISSN elements and instance data, and develop appropriate alignments with the ISBD namespaces.

6.8. Monitor developments in the release of instance data based on legacy catalogue records, especially standard identifiers that can be linked to URIs that may apply to instances of ISBD Resources. Monitor use of ISBD classes and properties in library linked data triples.

6.9. Plan work on *Guidelines for use of ISBD as Linked Data* for 2013-2014.

Develop and make available guidelines on appropriate use of the ISBD namespaces by creators of instance triples. Develop and make available guidelines on refining the ISBD namespaces, for example with properties for notes at a lower level of granularity. Such guidelines will promote use of the ISBD namespaces.

This corresponds to Action 6 of the ISBD RG's Work plan adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.10. Develop mappings between the ISBD and Dublin Core Terms (DCT) namespaces.

All ISBD elements can be considered refinements of the broad DCT elements. ISBD data can thus be "dumbed-up" to interoperate with instance data from non-ISBD communities. Liaise with DCMI on any development of the DCT or associated namespaces, and on mappings with ISBD. Mappings can be direct or indirect, via mappings to other namespaces.

6.11. Monitor developments in related namespaces such as Bibliographic Ontology (BibO), SKOS (Simple Knowledge Organization System), and Friend of a friend (FOAF), and take ad hoc action to liaise with related namespaces and develop appropriate mappings from the ISBD namespaces.

6.12. Report to the ISBD RG on any issues relevant to the ISBD revision process.

This corresponds to Action 9 of the ISBD RG's Work plan adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

6.13. Develop a diagram of mappings/alignments and related projects.

This corresponds to Action 10 of the ISBD RG's Work plan adopted during the 78<sup>th</sup> IFLA General Conference, Helsinki, Finland, 2012.

Respectfully submitted,

Françoise Leresche

ISBD/XML Study Group chair, August 1st, 2013