

The Latest Developments in Bibliographic Control IFLA, 2012

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Contents

- ✓ Background: IFLA, standards, etc. & impact
- ✓ Development: IFLA standards, models, principles, UNIMARC, UBC - Update, 2012
- ✓ IFLA bibliographic standards and the Semantic Web

Background: [IFLA's new organization](#)

The screenshot shows the IFLA website interface. At the top, there is a navigation bar with 'welcome' and a red menu containing 'About IFLA' and 'Membership'. Below this, the main content area features a large heading 'Division of Library Services' and a section for 'Core Activities' with a link to 'UNIMARC - IFLA UNIMARC Programme'. A 'Sections' list includes various library services like Bibliography, Cataloguing, and Information Technology. A 'Special Interest Groups (SIGs)' section lists 'Indigenous Matters', 'RFID', and 'Semantic Web'. On the right, a search bar and a 'SEARCH' button are visible. Below that, a green box titled 'IFLA Key Initiatives 2011-2012' lists five initiatives: Digital Content Programme, International Librarianship Leadership Development Programme, Outreach Programme for Advocacy and Advancement of the Profession, Cultural Heritage Disaster Reconstruction Programme, and Multilingualism Programme. A vertical sidebar on the left contains social media icons for Facebook, LinkedIn, Twitter, Flickr, YouTube, and YouTube.

Division of Library Services

Core Activities

- * [UNIMARC - IFLA UNIMARC Programme](#)

Sections

- * [Bibliography](#)
- * [Cataloguing](#)
- * [Classification and Indexing](#)
- * [Information Literacy](#)
- * [Information Technology](#)
- * [Knowledge Management](#)
- * [Libraries for Children and Young Adults](#)
- * [Library Services to Multicultural Populations](#)
- * [Library Services to People with Special Needs](#)
- * [Literacy and Reading](#)
- * [Reference and Information Services](#)

Special Interest Groups (SIGs)

- * [Indigenous Matters](#) (Library Services to Multicultural Populations Section)
- * [RFID](#) (Information Technology Section)
- * [Semantic Web](#) (Information Technology Section)

Martynas Mažvydas National Library,
Vilnius, 11 Sept. 2012

Background: IFLA's new organization:

Committee on Standards

* IFLA Standards

About this group

News

List of IFLA standards

Committee on Standards

The IFLA Committee on Standards coordinates standards work within and beyond IFLA and support standards activities in IFLA professional units, principally in sections.

[Read more](#) 

 [Strategic Programmes](#), [Committee on Standards](#), [Standards](#)

Last update: 9 May 2012

LATEST NEWS

List of IFLA standards now available

A list of IFLA standards has been compiled for the work of the Standards Committee and is now available on the Standards web pages.

[Continued...](#) | 9 July 2012

WLIC 2012: Committee on Standards open session

The IFLA Committee on Standards will hold an open session in Helsinki on Thursday 16th August during the WLIC 2012. All are welcome to attend to give their input and suggestions to the Committee on Standards and to hear more about what the Committee plans to do.

Background: IFLA's standards, etc.

ISBD: International Standard Bibliographic Description →
IFLA International Meeting of Cataloguing Experts,
København, 1969

✓ 1971 – ISBD(M) ... 2011 - ISBD consolidated edition

FRBR: Functional Requirements for Bibliographic Records →
IFLA Seminar on Bibliographic Records, Stockholm, 1990

✓ 1998 – FRBR: Final report

✓ 2009 – FRAD: Functional Requirements for Authority Data

✓ 2010 – FRSAD: Functional Requirements for Subject Authority
Data

ICP: International Cataloguing Principles, 2009

UNIMARC bibliographic & authorities formats, 2008 & 2009

Impact of the new IFLA principles, standards, models

- ✓ **REICAT**: Italian cataloguing rules, 2009
 - ✓ Objectives of the catalogue (Paris Principles)
 - ✓ Work concept
 - ✓ UBC: uniform title
 - ✓ No FRBR terminology & concept used
- ✓ **RDA**: Resource Description & Access, 2010
 - ✓ FRBR, FRAD terminology and concept used; FRSAD
 - ✓ FRBR user tasks ≠ Objectives of the catalogue
 - ✓ Digital world; international; outside domain

Development: Update 2012

- ✓ Cataloguing Section's Standing Committee Meeting, Helsinki, August 2012
- ✓ Revised action plan for 2013:
 - (1) consolidation of FR family of models
 - (2) alignment and interoperability of namespaces of ISBD, FRBR, FRAD and FRSD,
 - (3) **ICP: International Cataloguing Principles – review**

Development: Update 2012

- ✓ **FR-family of conceptual models (FRBR, FRAD, FRSAD)**
- ✓ Cataloguing Section's [FRBR Review Group](#)
- ✓ Consolidation process: 2011-2013/14

Pat Riva. Report from the FRBR Review Group mid-year meeting, 25 April 2012, London. In: SCATNews 37(June 2012)

<http://www.ifla.org/files/cataloguing/scatn/scat-news-37.pdf>

- ✓ user tasks of the three models, entity person

IFLA, Helsinki, August, 2012:

- ✓ consolidation of entities and basic relationships

Development: Update 2012

- ✓ **ISBD: International Standard Bibliographic Description.**
Consolidated edition, 2011
 - ✓ Cataloguing Section's [ISBD Review Group](#)
 - ✓ Strategic Plan for ISBD: 2011-2015

IFLA, Helsinki, August, 2012:

- 1) Promote the **use, translation and implementation** of the ISBD in library systems and services, and national cataloguing rules.
- 2) Prepare documentation for the **next revision of the standard due to begin in four years**, following the general rule for standards revision, and with the aim of making the ISBD a **Semantic Web-conformant standard**.

Development: Update 2012

- ✓ UNIMARC Bibliographic & authorities format
 - ✓ [UNIMARC Core Activity](#) – Permanent UNIMARC Committee
 - ✓ Update 2012: consolidation with FR-conceptual models and ISBD, Consolidated ed.
 - ✓ Project *UNIMARC and Linked Data*
- ✓ UBC: Universal Bibliographic Control
 - ✓ [Bibliography Section](#)
 - ✓ Updated Statement on UBC

UBC: Universal Bibliographic Control

UBCIM: UBC International MARC

- ✓ 2003 the UBCIM Core Activity was closed (UBC, 1974-) and the coordination of bibliographic standardization was moved to:
- ✓ IFLA-CDNL Alliance for Bibliographic Standards (ICABS), changed to:
- ✓ IFLA-CDNL Alliance for Digital Strategies (ICADS) → 2011 discontinued
- ✓ 2011 IFLA conference: to revitalize UBC & Bibliography Section took on this task

IFLA Professional Statement on Universal Bibliographic Control:

- ✓ The concept of UBC is still valid and worth IFLA's continued support and promotion
- ✓ IFLA therefore reaffirms the following principles:
 - ✓ NBA (National Bibliographic Agency) has the responsibility for providing the authoritative bibliographic/authority data, etc., and for making that data available
 - ✓ IFLA has the responsibility for creating, maintaining, and promoting bibliographic standards, etc.
 - ✓ IFLA works collaboratively with other international organizations, etc.

IFLA bibliographic standards & the Semantic Web

- ✓ 2007, IFLA General Conference, Durban
 - ✓ FRBR RG: new project – *Namespace for FRBR entities/elements in RDF, W3C standard*
 - ✓ Data Model meeting, April 30-May 1, 2007, British Library, London → DCMI/RDA Task Group's charter
- ✓ 2008, IFLA General Conference, Québec
 - ✓ *Declaring FRBR entities and relationships in RDF*
- ✓ FRBR, FRAD & FRSAD in OMR: Open Metadata Registry – registration & maintenance service for RDF based elements and vocabularies

IFLA bibliographic standards & the Semantic Web

- ✓ 2008, IFLA General Conference, Québec
 - ✓ ISBD Review Group, [ISBD/XML Study Group](#)
- ✓ 2009, IFLA General Conference, Milan
 - ✓ ISBD in RDF
- ✓ 2011, ISBD: the published list of elements in the ISBD consolidated edition → OMR
 - ✓ March 2012, **the ISBD and FRBR namespaces** in the OMR are providing [de-referencing services](#)

Open Metadata Registry: OMR



open metadata registry
Supporting Metadata Interoperability

[sign in / register](#) | [about](#)

Element Sets

Label	Owner	Last Updated	Updated by	Actions
academics	Dapme Passah	2010-11-18	dapme	
Application Profile for Ceramic Resources	Chandana Patra	2010-02-02	chandana	
Application Profile: Ceramic Repository	Chandana Patra	2010-02-02	chandana	
beefschema				
Class				
conference				
DC2AP Element Set				
Dublin Core Element Set				
feaa				
FOAF (Friend Of A Friend)				
FRAD model				
FRBR Entities for RDA				
FRBRer model				
FRSAD model				
hasArea				
hasName				
hasRank				
Healthcare				

Detail

Owner: [Gordon Dunsire](#)

Label: [ISBD elements](#)

Namespace

Name: [isbd](#)

URI: <http://iflastandards.info/ns/isbd/elements/> (RDF)

Documentation

URL: <http://www.ifla.org/en/publications/international-standard-bibliographic-description>

Note: This is a registration of classes and properties from International Standard Bibliographic Description (ISBD), consolidated edition, published by De Gruyter Saur in July 2011 (ISBN 978-3-11-026379-4).

Tags:

Defaults

Status: [Published](#)

Language: [English](#)

Users + [Martynas Mažvydas National Library, Vilnius, 11 Sept. 2012](#)

[List](#) [Get RDF](#)

[Vocabularies](#)

[Element Sets](#)

[SPARQL](#)

Feedb

17/09/2012

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IFLA bibliographic standards & the Semantic Web: WHY?

- ✓ Authoritative & trustworthy bibliographic and authority data in the Semantic Web environment!!! → UBC
- ✓ IFLA standards branding®
- ✓ Libraries:
 - ✓ transformation of their catalogues into RDF triples to contribute to, and take advantage of the Semantic Web
 - ✓ “bibliographic” triples linked to triples from encyclopedias, dictionaries, and other reference works, booksellers, publishers, and other agents in the (bibliographic) universe to enhance information services
 - ✓ internal processing: to check the integrity of the record itself by identifying missing elements, sequencing errors, etc.

IFLA bibliographic standards & the Semantic Web: WHY?

- ✓ Properties from the ISBD namespace can be re-used in **other application profiles** and mixed with elements from other namespaces in describing information objects
- ✓ End-users: providing means to librarians for preparing their metadata for an environment in which users will be enabled to perform tasks according to their **specific needs**, and **not necessarily only those traditionally envisioned by librarians**

References

Presentations related to the ISBD/XML Study
Group

<http://www.ifla.org/node/5664>

Thank you!