1th Meeting of the UNIMARC Users Group
Lisbon, 21th March 2006

Italian presentation
Cristina Magliano (ICCU)
Italian scenario

Users of UNIMARC Bibliographic format:
• National Library service- SBN
• National Central Library of Florence for the Italian National Bibliography
• Aleph system as internal format
• Vendors of library automation system for small libraries as export system
• Other system (CDS/ISIS, etc.)
National Library service- SBN

• An architecture for a cooperative library services network.
  – Central Union Catalogue (Index) at national level
  – Union Catalogues (Nodes) at regional and local levels

• Maintains: bibliografical and holdings information.

• Provides services: OPAC, Collective cataloguing, localisation, ILL.
SBN Statistics

• 59 - Nodes participate
  – 2.613 Libraries
  – National, University, Local and Specialist

• Over 8 million titles
  – Authors 2,5 million
  – Localisations 40 million

• OPAC – over 1 million search / month
National Library service- SBN and UNIMARC format

• Central OPAC
  - Import from internal format of the SBN Union Database to central OPAC database is in UNIMARC format

• Export
  - Export to other system is in UNIMARC format (see HPB database)
SBN Evolution

• Open technological architecture (2002-2004)
  Allows access from other LMS with different levels of cooperation (user profile)
  – Full adhesion.
  – Bibliographic record supplier (“off-line”).
  – Bibliographic capture and localisation.
  – Bibliographic capture only.
SBN Evolution: Functional Objectives

- One-step simple catalogue procedure
  - Using SBN-MARC Protocol.
- Open access for NON SBN LMSs
  - Minimum description based on UNIMARC
    (first test of the interface dialogue with Aleph and other Italian LMS)
- Open access via internet protocols
- Open architecture based on common protocols:
  - TCP/IP, HTTP, XML/XSL, SOAP, JMS.
SBN schema

- Xml-schema of new protocol is based on UNIMARC format
- All the message have this general structure:
  - Client information
  - SBN request
  - SBN response
Ex.
Identifier: RMR0030426 Type of record Language material, printed
ISBD
Lisboa : Museu das Janelas Verdes : I pintura. - Lisboa : [Livraria portugalia editora, 1938?]

Series:

RMR0030427 C 01 *Guia de Portugal Artistico : arte, história, arqueologia, païsagem
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Lisboa

*Museu das Janelas Verdes

I pintura

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*Guia de Portugal Artístico

arte, hist?, arqueologia, pa?gem
New cataloguing library system in the future

From conversion format to cataloguing format

Probably in the future will be developed a new tool for SBN client using UNIMARC format for shared cataloguing
National bibliography

National Central Library of Florence until 1985 decided to change the national format (ANNAMARC) and use the UNIMARC format. Bibliographic records are derived from the shared SBN cataloguing for the migration into the Italian National Bibliography database (BNI – Bibliografia Nazionale Italiana).
BNCF: a new OPAC

based on:

• open source system and programming software;

• a new “post–Google” interface.

• UNIMARC records expressed in XML syntax (based on MARCXML syntax, but with full support of embedded fields technique)
BNCF: a new OPAC

- Records from different sources are converted in UNIMARCRYXML
- UNIMARC XML is converted in “XML_Index format” for the creation of fields
- UNIMARC xml record are displayed in the OPAC and can be converted in dublib Core
- Metadata can be used in a OpenURL service

(see the paper of Giovanni Bergamin “A new OPAC for BNCF using open source software, XML and UNIMARC” at the UNIMARC and friends Seminar)
National tags and solutions
Bibliographic format
(SBN, BNI and BNCF)

Fields and subfields with value 9
Subfield $9$ for blocks $3--$ and $5-$ for identifier of linking title

390 standard note for linking
590 See reference uniform title
690 see reference subject personal name
691 see reference subject Corporate Body
790 See reference personal name
791 See reference Corporate Body name
921 data of typographical device
927 performer
899 Location and holding (SBN union catalog)
National tags and solutions
Bibliographic format
(SBN, BNI and BNCF)

- **692** see reference subject family name
- **695** see reference subject title
- **696** see reference subject
- **697** see reference topical subject
- **950** holding, localisation, inventory number
  availability for ILL
- **951** acquisition data
- **956** local electronic resources
National tags and solutions Authority format (SBN)

- 921 data of typographical device
- 930 codified bibliographic citation (device and Author)
- 931 subject descriptors
- 932 descriptor relationship
Aleph users

ITALE, the Italian Aleph users group brings together 37 institutions, including universities, public and private research institutions, and public libraries.
coordinate all the activities of ALEPH500 users within the Italian context.
Organize technical seminar and working group on UNIMARC format
Aleph users

• are in relation with the International Consortium of Aleph Users (ICAU) and coordinates the activities of national group
• coordinate all the migration activities of ALEPH500 users
• define common template
Aleph and Italian national library service (SBN)

ITALE had developed, in the interest of its own members, the interface dialogue with the Indice SBN (SBN Index), produced by Atlantis, in collaboration with Ex-Libris.

The achievement of a complete integration of all the catalogues through SBN is a very important result and a good service for Itale users.
Italian users proposals for the extension of UNIMARC Bibliographic format (2005)

New music proposals in Update 5 (by ICCU with IAML Italia) and UNIMARC Guidelines n.7 Music

- 036 Music incipit (new)
- 128 Form Form of Musical Work and Key or Mode (Improved)
- 145 Coded Data Field: Medium of Performance (new)
- 620 Place and date access (improved)
New perspectives

ICCU decided on December 2005 to constitute a National UNIMARC Committee composed by experts from:

- BNCF
- Itale users
- Universities
- Public libraries
- ICCU

Main objectives of the committee will be:

- Spread informations and detailed instruction in the application of format
- Discuss the proposals of PUC
- Define and propose to PUC to extend UNIMARC format for all kind of materials not sufficiently covered (i.e. graphic, antiquarian and manuscript)
- Organize workshop and seminar on specific problem
• Many thanks for your attention!

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