

2nd Meeting of the UNIMARC Users Group

Florence, 14th March 2008

*UNIMARC for national services: issues
and perspectives*

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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: bibliographical and holdings information.
- Provides services: OPAC, Collective cataloguing, localisation, ILL.

SBN Statistics

- 65 - Nodes participate
 - 3.266 Libraries
 - National, University, Local and Specialist
- Over 9 milion titles
 - Authors
 - Localisations
- OPAC – over 1 milion search / month

National Library service- SBN

The [National Library Service](#) (SBN) is the Italian libraries network promoted by the General Direction for Library Heritage and Cultural Institutes in cooperation with the Regions and the Universities, with the coordination of the Central Institute for the Union Catalogue of Italian Libraries and for Bibliographic Information (ICCU). Participating to the SBN are at now more than 3200 state, university, academies, local bodies, and public and private institutions libraries, operating in different sectors.

National Library service- SBN

- The collective SBN catalogue (SBN Index) contains:
- descriptions of documents acquired from SBN libraries starting from the '90s or since single libraries entered the SBN;
- descriptions "book in hand" of documents of XVI - XX centuries
- descriptions obtained from catalogues on paper previous to 1990

SBN Evolution: Scope

- Regards the following services:
 - Catalogue
 - Localisation (Holdings)
- Provides support for Librarians in their work
- Provides statistics and monitoring
- Integrates with Non SBN LMSs.

SBN Evolution: Functional Objectives

- simple catalogue procedure
 - Using SBN-MARC Protocol.
- Open access for NON SBN LMSs
 - Minimum description based on MARC
(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 Evolution

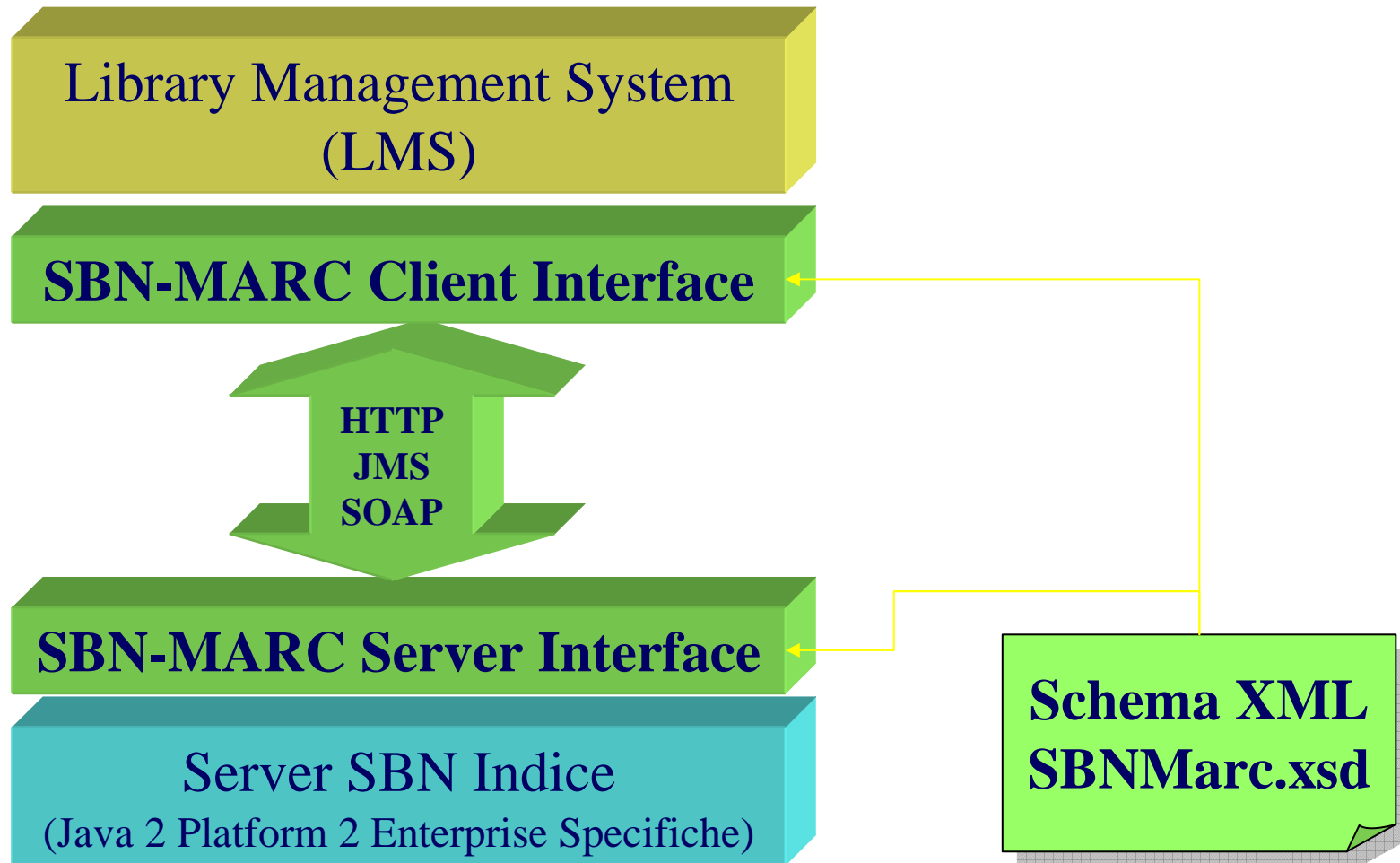
Open technological architecture (2002-2004)

- Different levels of cooperation
 - Full adhesion
 - Bibliographic record supplier (“off-line”)
 - Bibliographic capture and localisation
 - Bibliographic capture only
- User Profiling
 - Descriptive level and format
 - Type of “Authority” used

SBN Marc schema

- Xml-schema of new protocol is based on UNIMARC format
- All the message have this general structure:
 - Client information
 - SBN request
 - SBN response

Implementation SBN-MARC Protocol



The SBN Server

- Two publicly available protocols:
 - SBN (existing services) / SBN-MARC (new services).
- Extension of material types:
 - Modern and Antique books and periodicals
 - Music (manuscript and printed)
 - Graphic
 - Cartographic
- Localisation of documents including digital documents and versions.
- Different levels of description.
- Import of descriptions (batch) in UNIMARC.
- Export to other system is in UNIMARC format

SBN-MARC protocol

- 100% compatible with existing SBN software used by the cooperation.
- Integration of existing national databases
 - Music, Manuscripts, Antique and Modern Documents
- Extension to new types of material
 - eDocuments, prints, photographic material etc..
- Open technological architecture
 - Allows access from other LMS
 - Adoption of international standards (UNIMARC, Unicode)

The Web Interface

- Existing functions accessed using a Web Interface
- Authority file management
 - Authors, subjects, classifications, places, uniform titles, repertories.
- Quality control and revision
 - Corrections, elimination of duplicates

Administration, Statistics and Monitor

- Statistics maintenance and display.
 - Both global and local statistics
 - Tools to check and control duplicate records.
- Performance management and technical support functions.

ISSUES

- to increase the migration of the existing catalogues (Nodes) to the MARC protocol
- to cast off the previous SBN protocol
 - existing network connected to the new application server (SBN/MARC)



Menù principale



Titoli



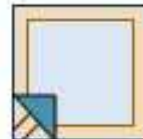
Autori



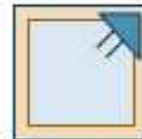
Soggetti



Marche



Import



Export



Ricerca titoli

Ricerca Lista Reticolo Dettaglio

Titolo	Il nome della rosa	α	Parte Iniziale
BID			
Numero standard		Tipo	
Tipo materiale	M		
Natura	<input checked="" type="checkbox"/> M <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> W <input type="checkbox"/> T <input type="checkbox"/> P <input type="checkbox"/> N <input type="checkbox"/> D <input type="checkbox"/> A <input type="checkbox"/> B	S.tipo legame	
Livello di autorità	da	a	
Tipo record			
Paese		Lingua	
Date pubblicazione	Tipo	Data1 da	a Data2 da a
Nome collegato		α	Parte Iniziale
Responsabilità		Relazione	
Data inserimento	da	a	Data aggiorn. da a
Genere			
Elem. per blocco		Ordinamento	Titolo + Data1
		Formato lista	MIN

```
<SBNMarc>  
  <SbnUser>  
    <Biblioteca>  
      XXXAMM  
    </Biblioteca>  
    <UserId>  
      000034  
    </UserId>  
  </SbnUser>  
  <SbnMessage>  
    <SbnRequest>  
      <Cerca>  
        <CercaTitolo>  
          <CercaDatitit>  
            <T001>  
              BVE0295680  
            </T001>  
          </CercaDatitit>  
        </CercaTitolo>  
      </Cerca>  
    </SbnRequest>  
  </SbnMessage>  
</SBNMarc>
```

Ricerca titoli

Ricerca Lista Reticolo **Dettaglio**

Documento

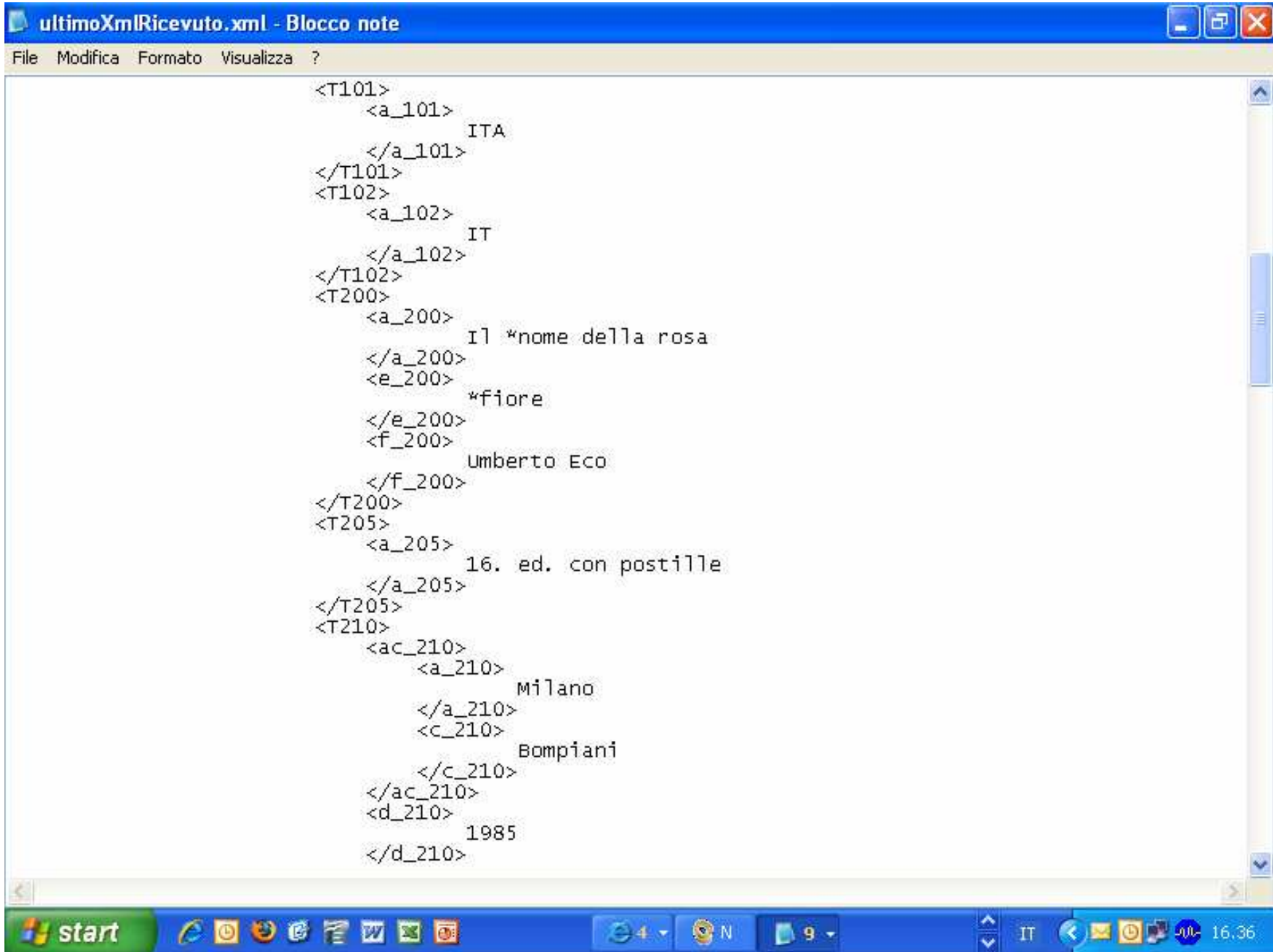
Natura	M	Tipo di materiale	M	BID	BVE0295680
Livello di autorità	51	Tipo di record	a		
Paese	IT	Lingua	ITA		
Genere di materiale					
Tipo di data	D	Data di pubbl. 1	1985	Data di pubbl. 2	
Area del titolo	Il *nome della rosa : *fiore / Umberto Eco				
Area dell'edizione	16. ed. con postille				
Area della pubblicazione	Milano : Bompiani, 1985				
Area della descrizione fisica	633 p. ; 22 cm				
Area delle note	Segue: Postille a Il nome della rosa, 1983.				
Numero standard, tipo e nota	Numero	Tipo	Nota		
Data ultimo aggiornamento	17-12-2007	Data inserimento	03-04-2003		



```

Marc<
<SbnUser>
  <Biblioteca>
    XXXAMM
  </Biblioteca>
  <UserId>
    000034
  </UserId>
</SbnUser>
<SbnMessage>
  <SbnResponse>
    <SbnResult>
      <esito>
        0000
      </esito>
      <testoEsito>
        OK
      </testoEsito>
    </SbnResult>
    <Sbnoutput>
      <Documento>
        <Datidocumento>
          <guida>
          </guida>
          <T001>
            BVE0295680
          </T001>
          <T005>
            20071217145357.0
          </T005>
          <T100>
            <a_100_0>
              2003-04-03
            </a_100_0>
            <a_100_8>
              d
            </a_100_8>
            <a_100_9>

```



```
<T101>
  <a_101>
    ITA
  </a_101>
</T101>
<T102>
  <a_102>
    IT
  </a_102>
</T102>
<T200>
  <a_200>
    Il *nome della rosa
  </a_200>
  <e_200>
    *fiore
  </e_200>
  <f_200>
    Umberto Eco
  </f_200>
</T200>
<T205>
  <a_205>
    16. ed. con postille
  </a_205>
</T205>
<T210>
  <ac_210>
    <a_210>
      Milano
    </a_210>
    <c_210>
      Bompiani
    </c_210>
  </ac_210>
  <d_210>
    1985
  </d_210>
```

Export

Dati generali

Tipo Formato **UNIMARC** Biblioteca E-mail

Export Authority **Export Titoli**

Tipo Authority **AU**

Intervallo date da a Ins/Mod **Ins/Mod**

Livello Authority da a

Relator Code

Elemento collegato Tipo Tipo Auth. **AU**

ID Authority	Localizzazioni
<input type="text"/>	<input type="text"/>

SBN Central Opac

OPAC SBN allows customers to enter friendly search to the collective catalogue of libraries that take part in the National Library Service.

SBN Central OPAC

- The data base of the OPAC SBN updates weekly.

Through the OPAC SBN it is possible to:

- identify documents of interest;
- find libraries owning these documents and access information on single libraries;
- access local catalogues for further information on document availability;
- access the online loan or reproduction services in case the library joins the SBN ILL system;
- access the "authority records", controlled records finalized to guarantee the uniqueness of some access points of the catalogue; currently the records related to a portion of the "authors" file are present and searchable.

SBN Central OPAC

- To search single document typologies it is possible to access, by using specific channels, particular sections of the SBN Catalogue (thematic or specialized searches) relative to:
 - Modern Books (monographic publications starting from 1831 and journals with no date restrictions)
 - Ancient Books (monographic publications starting from the XV Century to 1830)
 - Music (manuscript music, printed music, music librettos from XV to XX century, sound recording)
 - Graphic material
 - Cartography

SBN Central OPAC

The 'Other Catalogues' module permits to make, with the same interface, bibliographical searches in other Italian and foreign catalogues conforming to the international standard Z39.50. The module permits to access some predefined catalogues ("Multicatalog search"), searchable also simultaneously. With the function "Custom search" the user can configure and search other Z39.50 catalogues of which he knows the access parameters.

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

And has these functionalities:

- Export Unimarc
- Copy cataloging
- UNIMARC format for display



Basic search - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opac/iccu/base.jsp

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Basic search

  **OPAC SBN**
Istituto Centrale per il Catalogo Unico delle
Biblioteche Italiane e per le Informazioni Bibliografiche

Home | Help | Contacts | Statistics | Italiano | Accessibility | A A A

SBN Catalogue

Go

Basic search
Advanced search
Modern book
Ancient book
Music
Graphic arts
Cartography
Authority

Other Catalogues

Basic search

Legend: ■ List of complete phrases ■ List of the words
Use * as truncation character

Perform search **Cancel**

Author: ■ ■


Title: ■ ■

Subject: ■ ■

Dewey classification ▾

Number: ■

Internet 100%

start  IT 14.52

Basic search - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opaclib

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Basic search

Basic search
Advanced search
Modern book
Ancient book
Music
Graphic arts
Cartography
Authority

Other Catalogues

Multicatalog search
Custom search

Services

Loan and reproduction
SBN libraries
Performed queries

Fill a field

Perform search Cancel

Author: ■ ■ Erasmus

Title: ■ ■

Subject: ■ ■

Dewey classification ↕

Number: ■

Description: ■ ■

Any:

Result options

start

Internet 100%

IT 14.55

Results - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opaclib

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Results

SBN Catalogue

Go

Basic search
Advanced search
Modern book
Ancient book
Music
Graphic arts
Cartography
Authority

Other Catalogues

Multicatalog search
Custom search

Services

Loan and reproduction
SBN libraries

Results

Query: Author = Erasmus 1 2 3 4 5 6 7 8 9 10 >>

Results: 1-10 of 1862

Sort by: Max documents: 10 Go

▶ Show selected ▶ Show all ▶ Refine search

- 1. Erasmus : Roterodamus
Elogio della pazzia / Erasmo da Rotterdam ; a cura di Tommaso Fiore ; introduzione di Delio Cantimori
Torino : G. Einaudi, 1983
Monografia - Testo a stampa [IT\ICCU\ANA\0091770]
- 2. Erasmus : Roterodamus
11: Letters 1535 to 1657 : January-December 1525 / translated by Alexander Dalzell ; annotated by Charles G. Nauert jr
Toronto [etc.] : University of Toronto press, c1994
Monografia - Testo a stampa [IT\ICCU\BVE\0056455]
- 3. Erasmus : Roterodamus
44: New Testament scholarship / general editor Robert D. Sider

Fine Internet 100%

start 3 IT 14.55

Full record - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opaclib?db=iccu&select_db=iccu&nentries=1&fron

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Full record

Record: 2

▶ Labels format ▶ Print

Ancient book
Music
Graphic arts
Cartography
Authority

Other Catalogues

Multicatalog search
Custom search

Services

Loan and reproduction
SBN libraries
Performed queries

LEADER 00942nam1M2200217 I450
001 IT\ICCU\BVE\0056455
005 19940825
010 \$a0802005365
100 \$a19940825d1994 |||||itac0103 ba
101 | \$aeng
102 \$aCA
200 1 \$a□H11: □ILetters 1535 to 1657\$eJanuary-December 1525\$ftranslated by Alexander Dalzell\$gannotated by Charles G. Nauert jr
210 \$aToronto [etc.]\$cUniversity of Toronto press\$d□W0 1-1994
215 \$aXXIII, 476 p.\$cill.\$d26 cm.
461 1\$1001IT\ICCU\BVE\0000592\$12001 \$aCollected works of Erasmus
700 0\$aErasmus : Roterodamus\$3IT\ICCU\CFIV\002829
702 1\$aDalzell, Alexander\$3IT\ICCU\BVEV\011464
702 1\$aNauert, Charles G.\$3IT\ICCU\PUVV\154167
801 0\$aIT\$bICCU\$c20040211
899 \$aBiblioteca del Dipartimento di filosofia dell'Universita' degli studi di Padova Padova PD\$1PD0280\$2PUV32
899 \$aBiblioteca nazionale centrale Vittorio Emanuele II Roma RM\$1RM0267\$2BVECR

Internet 100%

start IT 14.57



Search authority records - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opac/iccu/authority.jsp?db=authority

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Search authority records

  **OPAC SBN**
Istituto Centrale per il Catalogo Unico delle
Biblioteche Italiane e per le Informazioni Bibliografiche

Home | Help | Contacts | Statistics | Italiano | Accessibility

SBN Catalogue

Go

- Basic search
- Advanced search
- Modern book
- Ancient book
- Music
- Graphic arts
- Cartography
- Authority

Other Catalogues

Search authority records

authors titles subjects marks places

Names

Use * as truncation character

Perform search **Cancel**

Name:

Notes:

DOI:

Internet 100%

start

Scheda di autorità (Autori) - Windows Internet Explorer

http://opac.sbn.it/opacsbn/opaclib?db=authority&select_db=authority&nentr

File Modifica Visualizza Preferiti Strumenti ?

Google G Cerca Segnalibri 0 bloccati Controllo Impostazioni

Scheda di autorità (Autori)

Home | Aiuto | Contatti | Statistiche | English | Accessibilità

Catalogo SBN

Cerca

Ricerca base
Ricerca avanzata
Libro moderno
Libro antico
Musica
Grafica
Cartografia
Voci di autorità

Altri Cataloghi

Cataloghi disponibili
Nuovo catalogo

Servizi

Prestito e riproduzioni

Scheda di autorità (Autori)

Ricerca: Nome = Calvino, Italo

← Ritorna alla lista sintetica

Scheda: **1/1**

Tipo autore	Persona
Nome autore	Calvino , Italo
Forme varianti	· Cavilla, Tonio · Kalvino, Italo
Datazione	1923-1985
Nota informativa	Narratore, saggista, giornalista e fondatore di riviste, dirigente editoriale
Fonti	· Archivio biografico italiano. A cura di Tommaso Nappo. Munchen etc., K.G. Saur, 1987-1996. (MICROFICHES) · Bibliografia nazionale italiana: nuova serie del bollettino delle pubblicazioni italiane ricevute per diritto di stampa a cura della Biblioteca nazionale centrale di Firenze. A. 1. n. 1

Fine

Internet 100%

start 7 2 P. 4 4 IT 18.02

SBN cataloging client

A new client using the new protocol produced by ICCU for libraries

- a web based user interface for creating bibliographical records



SBN Web - Mozilla Firefox

File Modifica Visualizza Cronologia Segnalibri Strumenti ?

http://193.43.104.33:8080/sbn/gestionebibliografica/marca/interrogaz Google


Come iniziare Ultime notizie Mozilla Italia Forum di aiuto




SBN Web


Polo: CSW Biblioteca: FI Utente: bbt15 Guida | Logout  


- Interrogazione
 - Titolo
 - Autore
 - Marca
 - Luogo
 - Soggetti
 - Classificazioni
 - Thesauro
 - ID gestionali
 - Richiesta Allineamenti
 - Proposta Correzione
- Acquisizioni
- Documento Fisico
- Servizi


Ricerca marca

Descrizione: 

Parole chiave:   



Mid: Citazione standard: 

Motto: 

Elem. blocco Ordinamento 

Liv. di ricerca Locale Indice

Completato

start  S. IT  18.36

SBN Web - Mozilla Firefox

File Modifica Visualizza Cronologia Segnalibri Strumenti ?

http://193.43.104.33:8080/sbn/gestionebibliografica/titolo/analiticaTitc Google

Come iniziare Ultime notizie Mozilla Italia Forum di aiuto

Ricerca marca -> Sintetica marche -> Analitica -> Dettaglio

Interrogazione

- Titolo
- Autore
- Marca
- Luogo
- Soggetti
- Classificazioni
- Thesauro
- ID gestionali
- Richiesta Allineamenti
- Proposta Correzione

Acquisizioni

Documento Fisico

Servizi

Importa/Esporta

Stampa

Liv. 71

Citazione standard A 546 Z 40

Mid RMLM000234


Descrizione Ancora accollata da un delfino

Motto

Parole chiave DELFINO ANCORA

Nota

Data inserim. 1998-05-11 Ultimo aggiornam. 2008-01-08



Completato

start IT 18.38

Local 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 referce uniform title

690 see reference subject personal name

691 see referencesubject 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)

Local 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*
- 899 *holding data*
- 950 *holding, localisation, inventory number
availability for ILL*
- 951 *acquisition data*
- 956 *local electronic resources*

Local 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 and Italian national library service (SBN)

Atlantis in collaboration with **Ex-Libris** had developed, in the interest of its own members, the interface dialogue with the Indice SBN (SBN Index) for the Aleph s/w

Italian users proposals for the extension of UNIMARC Bibliographic format

2005

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

2006-2007 (by ICCU and ITALE)

- 141 Copy specific attributes (state of preservation binding)
- 316 note relating to the copy (redefinition and changes)
- 421 added examples for monographic publications
- 422 added examples for monographic publications

Italian users proposals for the extension of UNIMARC Bibliographic format

- **511 Half title (new)**
- **513 changes**
- **517 changes**
- **560 Artificial title (new)**

Addition Relator Code (by ICCU with IAML):

- **235 Composer**
- **272 Singer-songwriter**
- **095 Author of main work**
- **445 Impresario**

Appendix G: Subject System Codes (by ICCU/BNCF) Registration of New Italian thesaurus

ICCU proposals for the extension of UNIMARC Authorities

- 217 Printer device (new authority entity)
- 341 Activity Note pertaining to printer /publisher
- 517 See also reference tracing printer/publisher device

Printer device (new)

Printer device

001 -- IT\ICCU\CNCM\CNCM000084
005 -- 20010130000000.0
100 -- ## \$a19990312citaa50 ba0
152 -- ## \$aGuida SBN. Libro antico
217 -- ## \$aTartaruga che tiene sul guscio una
vela con giglio fiorentino. In cornice
figurata\$bFestina lente\$cZ1152\$d40 x 48
mm4f1574-
1599\$xTARTARUGA\$xVELA\$xGIGLIO
510##\$3IT\ICCU\CNCT\CNCT000160\$aSermart
elli Bartolomeo\$c<1>
510##\$3IT\ICCU\CNCT\CNCT000045\$aSermart
elli, Michelangelo
801 -- #3 \$aIT\$bICCU\$c20070102
810 -- ##\$aZappella, Giuseppina, Le marche dei
tipografi e degli editori italiani del
cinquecento
810 -- ##\$aEDIT16\$uhttp://edit16.iccu.sbn.it
8564#http://edit16.iccu.sbn.it/scripts/iccu_ext.dll?
fn=63&i=84



New perspectives

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

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

Main objectives of the committee:

- 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, electronic resources)
- Organize workshop and seminar on specific problems