



The data exchanges within the ISSN Network : the UNIMARC example

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The ISSN and the ISSN Network

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The ISSN, an identifier for the continuing resources

Bibliographic resources

Finite

Continuing

Complete
(monographs)

Incomplete

Successively
issued

Continuing

Successively
issued
(multiparts...)

Integrating
(some
websites...)

Serials (including
series, print and
electronic)

Updating
databases,
updating
websites...

The ISSN and the ISSN Network

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- An international standard, developed in the early 70's and regularly updated since then (ISO 3297, last version : 2007)
- 1 530 000 ISSN assigned so far
- the corresponding records are available on the ISSN Portal (<http://portal.issn.org>)
- An international network of 86 National Centres
- Coordinated by the ISSN International Centre (Paris)

How does it work ? (1)

- In most cases, the National Centres create the ISSN records in their national catalogue
- the ISSN records are then exported and sent to the International Centre so as to be uploaded in the ISSN Register
- how does the ISSN International Centre manage these data coming from 86 countries so as to constitute one unique catalogue, the ISSN Register ?

3 fundamental principles to make the data exchanges work (2)

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- ISSN Network : using common cataloguing rules for the continuing resources
- International Centre : converting the incoming formats such as UNIMARC in the native format of the ISSN International Database system (MARC 21)
- International Centre : delivering different output formats, UNIMARC for instance

Using common cataloguing rules (1)

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- The ISSN national centres are located in various institutions (in most cases in the National Libraries)
- The National Libraries use various cataloguing codes (national versions of ISBD or AACR2 in most cases)....

Using common cataloguing rules (2)

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- The ISSN Network uses rules
 - derived from ISBD
 - compatible with AACR 2
 - gathered in the ISSN Manual (<http://www.issn.org/2-23364-ISSN-Manual.php>)
 - last update : 2009

Using common cataloguing rules (3)

- e.g : the rules regarding the cases where a new ISSN has to be assigned to a publication are the same in the ISSN rules, the ISBD rules and the AACR2 rules
- if the title of the publication undergoes a major title change, a new ISSN is assigned

Using common cataloguing rules (4)

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- Continuing resources are catalogued (quite) in the same way whatever the ISSN Centre
- Challenge for the next years : maintain the compatibility with the RDA rules if this new cataloguing code is implemented

Converting the incoming formats in the native format of the ISSN International Database system : the UNIMARC example (1)

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- Several National Centres create their ISSN records in UNIMARC (France, Iran, Portugal...) in their local database
- Each ISSN element corresponds to a UNIMARC tag in the ISSN manual

Converting the incoming formats in the native format of the ISSN International Database system : the UNIMARC example (2)

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ISSN_ManuaL_ENG_ED_2009.pdf (Objet application/pdf) - Mozilla Firefox

http://www.issn.org/files/issn/Documentation/ISSN_Manual_ENG_ED_2009.pdf

ISSN :: ISSN Manual

Page de démarrage Mozilla Firefox

ISSN_Manual_ENG_ED_2009.pdf (...)

Rechercher

1.2 Table of ISSN data elements

Data elements	Required for full record (M) if applicable (A) Optional (O)	Required for short record	MARC 21	UNIMARC	ISSN MARC
			Tags	Tags	Tags
Date of the record creation	M	M	008	100	008
Publication status	M	M	008	100	008
Start date	M	M	008	100	008
End date	A	A	008	100	008
Country of publication	M	M	008, 044	102	008
Frequency	M	M	008	110	008
Centre code	M	M	022	802	008
Type of publication	M	M	008	110	008
Form of original item	A	A	008		
Form of item	A	A	008		
Alphabet of original title	O	O	008	100	008
Language of publication	M	M	008, 041	101	008
Physical medium	M	M	007	106, 126, 130, 135,	008
ISSN	M	M	022	011	022
ISSN-L	M	M	022	011	
CODEN or other codes	O	O	030	040	030

Done

Program Win... Boîte de réce... ISSN_Manual... ISSN :: ISSN h... (non lus : 10) ... 3 Microsoft ... HP ProtectTo... 12:00

Converting the incoming formats in the native format of the ISSN International Database system : the UNIMARC example (1)

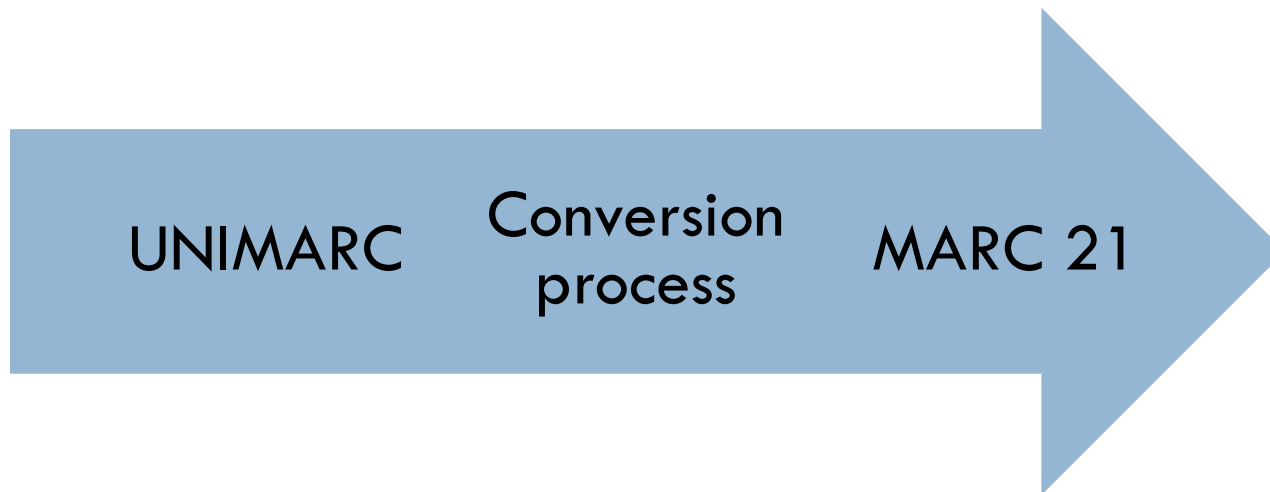
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- A constant dialogue between the ISSN Network and the UNIMARC committee is necessary so as UNIMARC takes into account the changes of the ISSN elements
- e.g : further to the last review of the ISO 3297 (2007) a new tag has been added to the UNIMARC format (011\$f for the ISSN-L, linking ISSN)

Converting the incoming formats in the native format of the ISSN International Database system : the UNIMARC example (3)

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- The UNIMARC data sent to the International Centre are converted in MARC 21 records so as to be uploaded in the ISSN Register



Facilitate the re-use of the ISSN data (1)

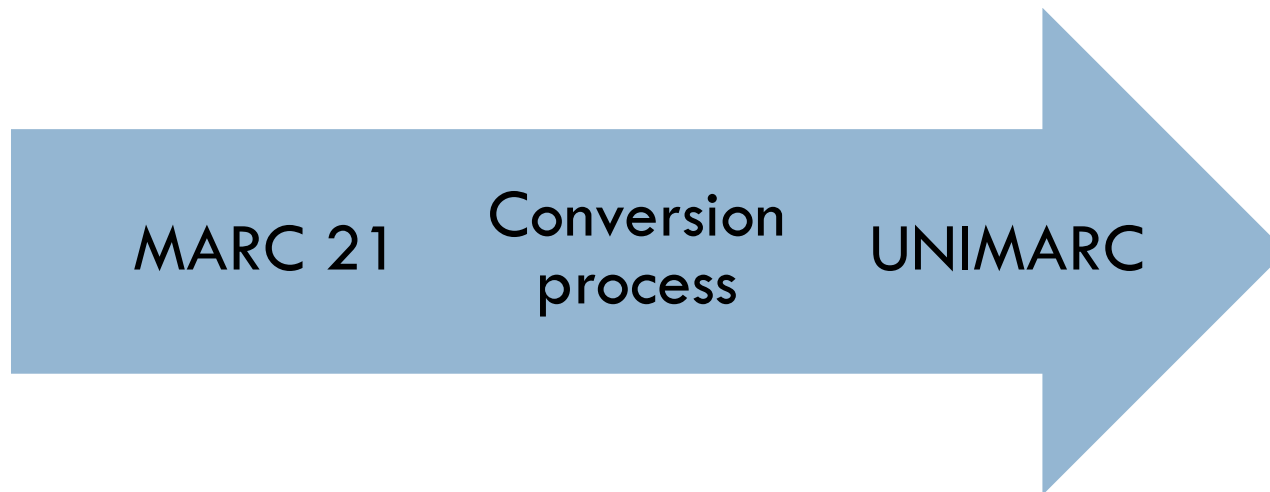
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- UNIMARC is one of the output formats of the ISSN Database
 - for the ISSN portal subscribers
 - for the ISSN Centres

Facilitate the re-use of the ISSN data (2)

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- MARC 21 Data (native format of the ISSN Database) are automatically transformed in UNIMARC





Thank you !

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