



Identifiers and GLIMIR

Nationaal Archief, Den Haag

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Research Integration and Standards

OCLC

Importance of identifiers



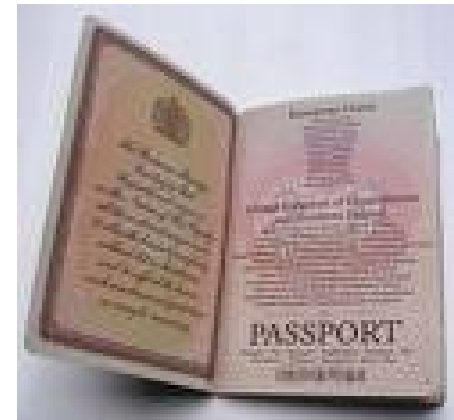
Identifiers Seal Uniqueness: “n” number of other elements are necessary for uniqueness

Commerce:

distribution, promotion, rights management, copyright protection, royalty payments

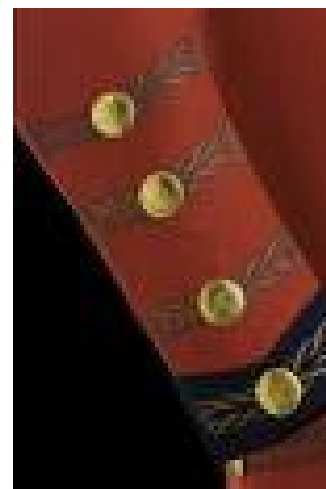
On the web:

key to navigation among sites for resources & information about resources



Glimir (Global Library Manifestation Identifier) is a project to connect all metadata records for the same resource or publication, starting initially with WorldCat.

Importance of RANK



Ultimate Goal of GLIMIR: to link resources in different sites with a single agreed "canonical" identifier to cluster hits and thereby to maximize the rank of library resources in web sphere

Global Library Manifestation Identifier

- No one single manifestation identifier
 - ISBN, ISSN, ISMN (music), ISRC (sound recordings), V-ISAN (audio-visual)



Only 30% of WorldCat resources have an international identifier

Outside use of OCLC numbers....



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Syndetic Solutions is the premier provider of specialized, quality bibliographic information for libraries. We are the only company dedicated exclusively to that end. We offer a wealth of descriptive information and cover images relating to all types of books, from juvenile chapter books to conference proceedings.

A subsidiary of the US ISBN Agency

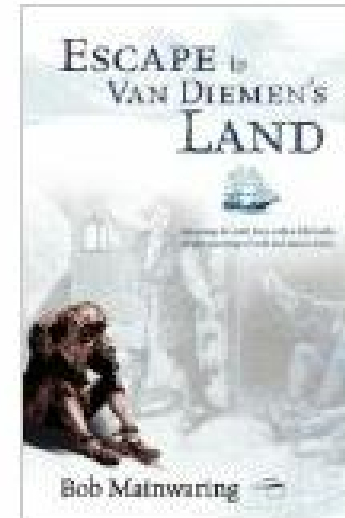


- ENRICHMENT OPTIONS (choose one)**
- Video & Music
 - Spanish Content
 - Fiction Profiles
 - Biography Profiles
 - Find Similar Titles
 - Series Info
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 - Cover Images
 - Summaries
 - Author Notes
 - First Chapters & Excerpts
 - Table of Contents
 - Book Reviews

Enhancing Library Catalogs Since 1998

- ▶ OVER 10 MILLION INDIVIDUAL CONTENT ELEMENTS
- ▶ UPDATED WEEKLY WITH THE LATEST INFORMATION
- ▶ CONTENT FOR PUBLIC, ACADEMIC, SCHOOL, & SPECIAL LIBRARIES
- ▶ INTEGRATION SOLUTIONS FOR VIRTUALLY EVERY ILS
- ▶ FORMAT OPTIONS INCLUDE XML AND HTML

- Simple URLs permitting direct access into WorldCat
- Want to use them (or equivalent) for accessing same resource on other databases



Share It

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www.worldcat.org/oclc/225507364

Linking inwards: WorldCat API



Identifiers [SRU or OpenSearch]- direct access to single metadata record

- thence to full text
- thence to enriched content
 - Citations, holdings, OPAC links
 - Potentially audience level, copyright

Citation Styles for "US Health Policy in the Aftermath of Hurricane Katrina"

APA

Rosenbaum, S. (2006). US Health Policy in the Aftermath of Hurricane Katrina. *JOURNAL-AMERICAN MEDICAL ASSOCIATION*. 295 (4), 437-439.

Chicago (Author-Date)

Rosenbaum, S. 2006. "US Health Policy in the Aftermath of Hurricane Katrina". *JOURNAL-AMERICAN MEDICAL ASSOCIATION*. 295 (4): 437-439.

Harvard

ROSENBAUM, S. (2006). US Health Policy in the Aftermath of Hurricane Katrina. *JOURNAL-AMERICAN MEDICAL ASSOCIATION*. 295, 437-439.

MLA

Rosenbaum, S. "US Health Policy in the Aftermath of Hurricane Katrina". *JOURNAL-AMERICAN MEDICAL ASSOCIATION*. 295. 4 (2006): 437-439.

Turabian

Rosenbaum, S. 2006. "US Health Policy in the Aftermath of Hurricane Katrina". *JOURNAL-AMERICAN MEDICAL ASSOCIATION*. 295, no. 4: 437-439.

Libraries

[United Kingdom](#)
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[Maine](#)
[Massachusetts](#)
[New Hampshire](#)
[Connecticut](#)
[New Jersey](#)
[Pennsylvania](#)

http://worldcat.org/devnet/index.php/Main_Page

WorldCat API - Example Uses



Formatted citations within a Facebook widget



A search interface linked to local circulation data



A website sidebar for selected relevant titles, linked to Worldcat.org for library holdings

WorldCat API - Tools for Developers



WorldCat Search API URI Evaluator

Use this form to test requests sent to and responses received from the WorldCat Search Web Service

Request Protocol	Response Format	Search Terms	SRU Sort	Starting Position	Maximum Records	Service Level
OpenSearch (OAI)	Atom RSS vOCLCUM Dublin Core	owl:owl	relevance Author Title Date Ascending Date Descending Library Count Ascending Library Count Descending Score Ascending Score Descending OCLC Number	1	10	Default

[Build the Request]

<http://www.worldcat.org/webresources/api/search/urievaluator/>
<http://www.worldcat.org/webresources/api/search/urievaluator/>
<http://www.worldcat.org/webresources/api/search/urievaluator/>
<http://www.worldcat.org/webresources/api/search/urievaluator/>
<http://www.worldcat.org/webresources/api/search/urievaluator/>

RESTful URI Evaluator

WorldCat Search API SRU Explain

Search

Note: Indexes highlighted in gray can only be used as limits, to narrow a search (with the AND operator)

Index	Relation	Terms	Boolean
Access Method Phrase Map (Exact)	=		and
Access Method	=		and
Author Phrase (Exact)	=		and
Author	=		and
Conference Name Phrase (Exact)	=		and
Conference Name Phrase Map (Exact)	=		and
Conference Name	=		and
Corporate Name Phrase (Exact)	=		and
Corporate Name Phrase Map (Exact)	=		and
Corporate Name	=		and
Country Classification Number	=		and
ISSN (Exact)	=		and

SRU Index Evaluator

WorldCat Search API: Background

Search with OpenSearch or SRU and get RSS, Atom, MARC XML, or Dublin Core responses.

- Find books, video, music in more in the WorldCat database
- Send searches in OpenSearch or SRU CGI syntax
- Get OpenSearch responses in RSS or Atom format
- Get SRU responses available in MARC XML, or Dublin Core
- Get MARC XML content for a single OCLC record
- Get geographically-sorted Library Holdings information (Institution name, location, and an OPAC link) in requests for single records

Link to Known Issues [Link to FAQ] [Link to Service Levels]

Developers' Network website documentation and examples

Developers' Network Blog

Support for developers using the WorldCat API

vOCLCUM service and its dissemination format

We recently released the vOCLCUM service in:

<http://libn.worldcat.org/libnadmin/voclcum/index.htm>

In the early design of vOCLCUM service, we didn't think through all requirement for future services, so it's bit awkward that we actually use a different XML schema/namespaces for vOCLCUM service, such as:

```
rsp xmlns="http://worldcat.org/sdd/oclcum/" stat="ok"
oclcum:libn="978096002817" locn="2004272129-5584758-v/oclcum-
+rsp"
```

However, if you prefer to use any other dissemination format, such as text or json distribution, we actually kept a consistent schema:

<http://libn.worldcat.org/webresources/vld/libn/01N002815>
?method=getMetadata&format=python&libn=oclcum

<http://libn.worldcat.org/webresources/vld/oclcum/17N69176>
?method=getMetadata&format=python&libn=oclcum

SEARCH

Search this blog

RECENT POSTS

- vOCLCUM service and its dissemination format
- OpenSearch callback and a search results page
- How to Use WorldCat API
- SRU namespaces
- ALA - How to Use WorldCat API
- The WorldCat API

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CATEGORIES

Developers' Network blog

Linking outwards:



To:

MONASH University Library
Catalogue

Back to titles | New search | Search history | Clear history | Loan requests | My loans | Search other libraries | Help | Login

Now searching Monash University Australia
Search request: Search = ("0207186952")[in Keyword Anywhere]
Search results: displaying 1 of 1 records

[Brief record](#) | [Detailed record](#) | [Library](#)

My brilliant career ; My career goes bur

Author: [Franklin, Miles, 1879-1954.](#)
Title: My brilliant career ; My career goes bung / Miles Franklin.
Classic ed.
Publisher: Pymble, N.S.W. : Angus & Robertson, 1994, c1990.
Description: xxv, 450 p. ; 20 cm.
ISBN: 0207186952

Using:

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Monash University Library

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[Identifiers](#)

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Services:
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[Virtual Reference](#)

[Administrative Information](#)

[Contacts](#)

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Last updated on 2008-08-20

Online Catalog

Does Monash University Library have a Web-accessible catalog? Here you can list information about its vendor and the various URL syntaxes used to access records.

[Edit this page](#)

Last Updated: 2008-04-23

Online Catalog

Library System Used:

Base URL: <http://library.monash.edu.au/>

Online Catalog Direct to ISBN: <http://library.monash.edu.au/cgi-bin/Pwebrecn.cgi?DB=local&CNT=20&FLD1=Keyword+Anywhere+%28GKEY%29&BOOL1=as+a+phrase&SAB1=>

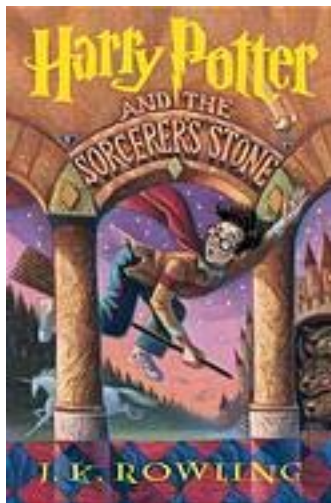
Online Catalog Direct to ISSN: <http://library.monash.edu.au/cgi-bin/Pwebrecn.cgi?DB=local&CNT=20&FLD1=Keyword+Anywhere+%28GKEY%29&BOOL1=as+a+phrase&SAB1=>

e-Serial ISSN Search:

WorldCat xISBN & xISSN



- Web services to find all related editions of a book or serial
- Easily incorporated into library catalogs, Web sites, and other library applications
- See <http://worldcat.org/devnet> for more info



100+ ISBNs for *Sorcerers Stone*

32 English (US and UK)

9 Spanish

3 Russian, German, Finnish , Latin

2 Chinese, Czech, French, Korean, Norwegian, Persian, Polish,
Portuguese, Romanian, Turkish, Welsh,

1 Afrikaans, Albanian, Armenian, Basque, Bengali, Georgian, Galician,
Gaelic, Ancient Greek, Greek, Gujarati, Hindi, Hungarian, Icelandic,
Italian, Japanese, Latvian, Lithuanian, Malayalam, Sherpa,
Slovenian, Swedish, Thai, Ukranian, Urdu

16 Audio

59 Book

ISSN History Tool



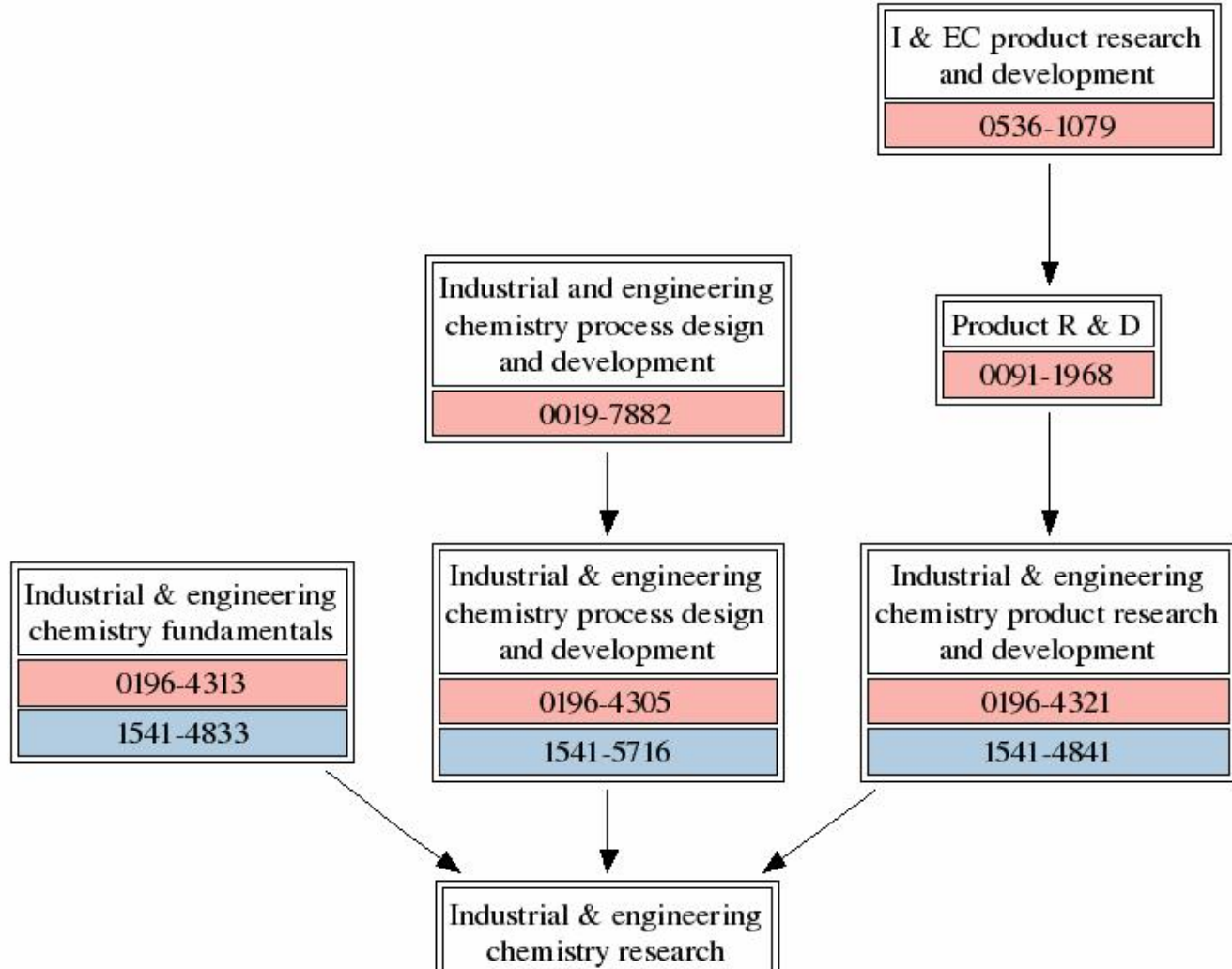
<http://worldcat.org/xissn/titlehistory?issn=0888-5885>

- Print ISSN
- Online ISSN
- CD-ROM ISSN
- Microform ISSN

Preceding ISSN

Requested ISSN

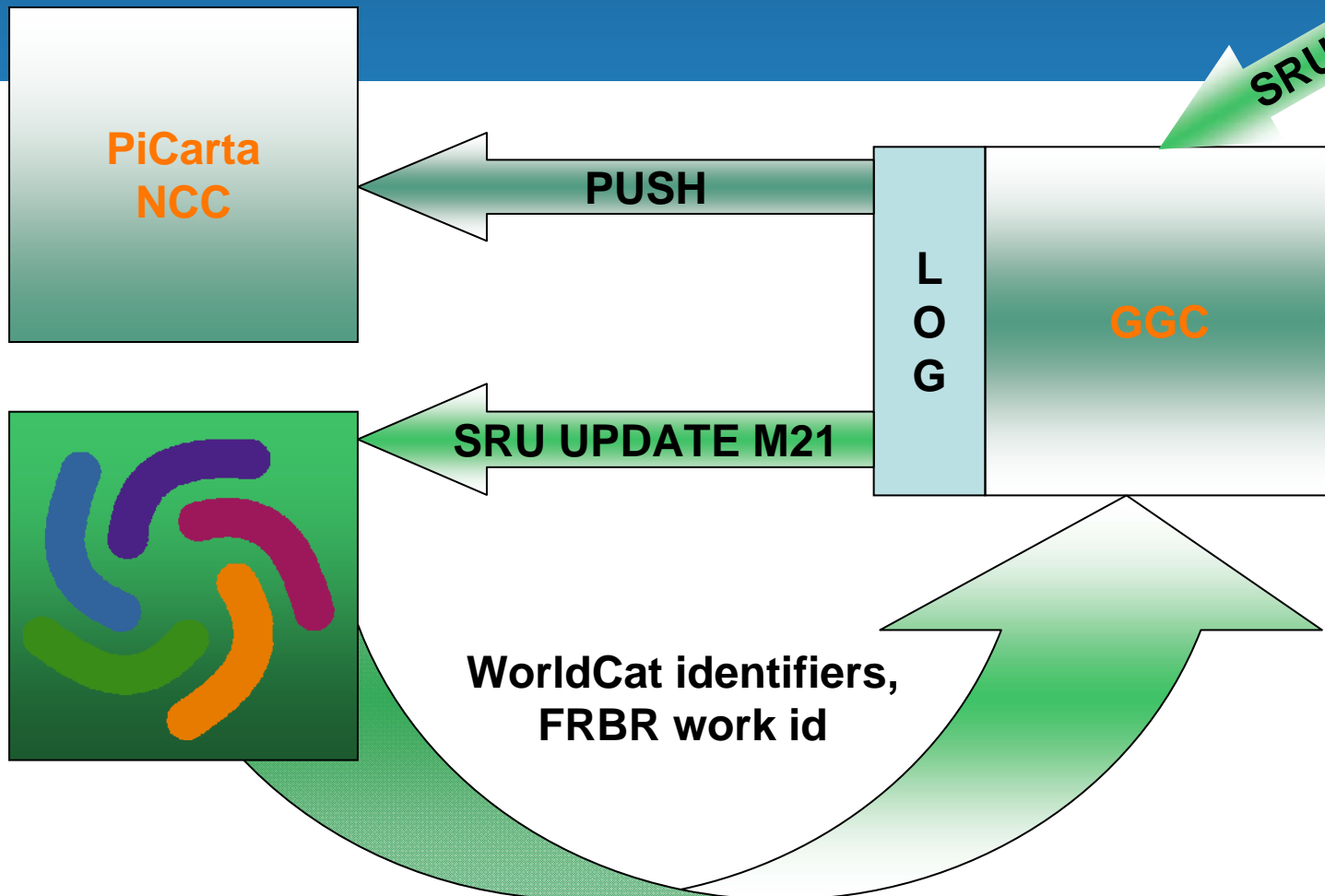
Succeeding ISSN



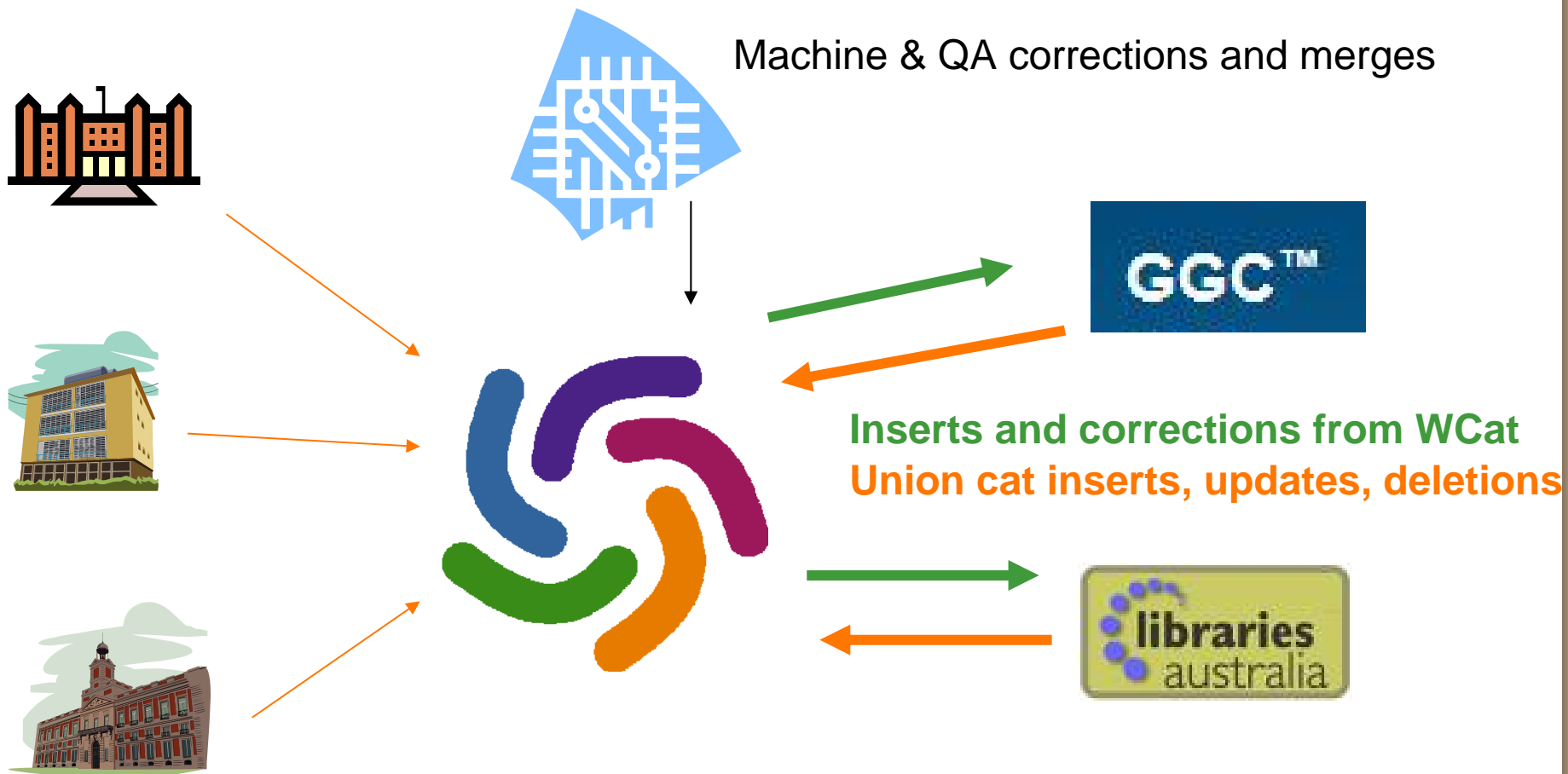
SRU record update - real time exposure



SRU UPDATE



SRU update 2 way



Machine & QA corrections and merges

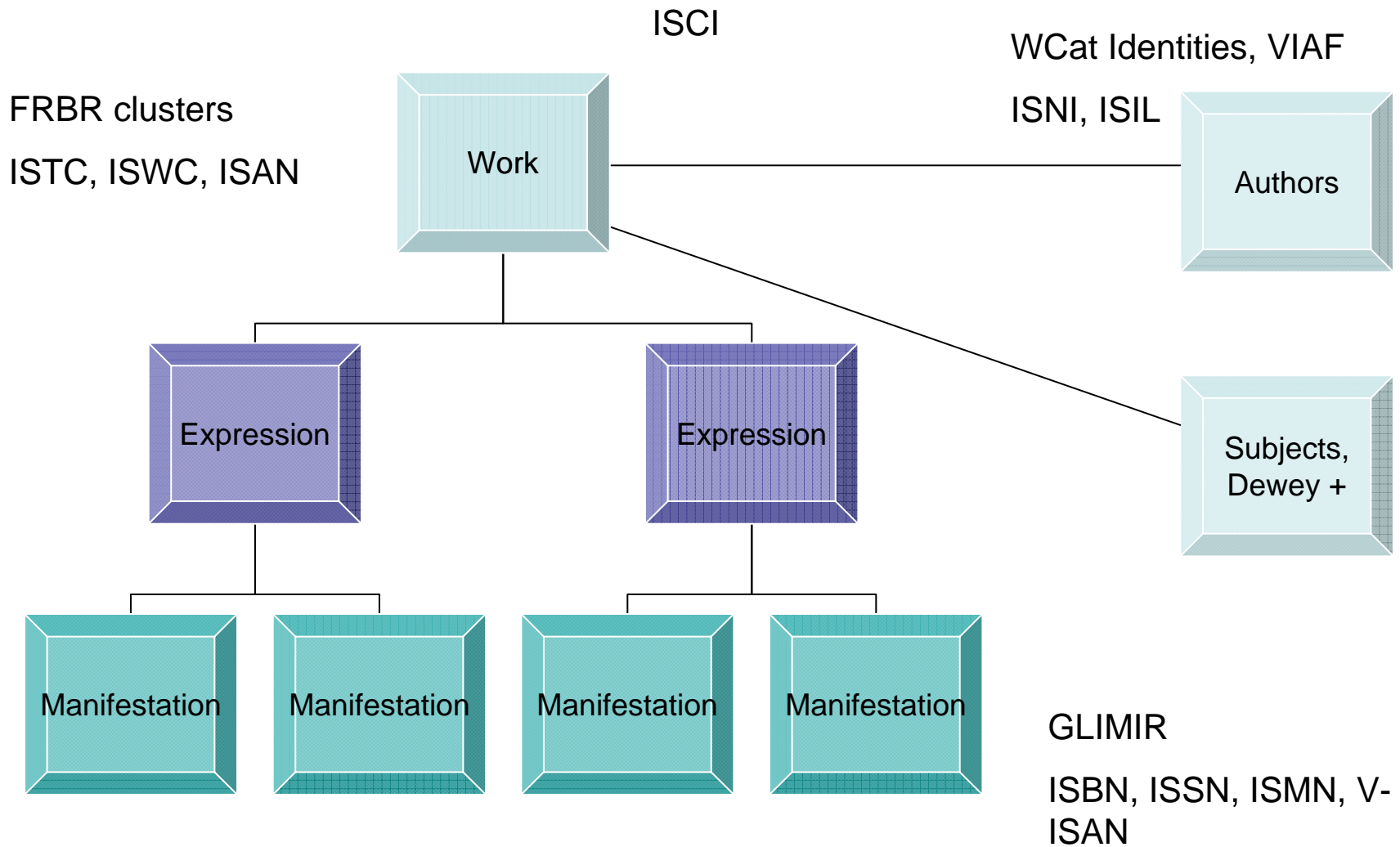


Inserts and corrections from WCat
Union cat inserts, updates, deletions

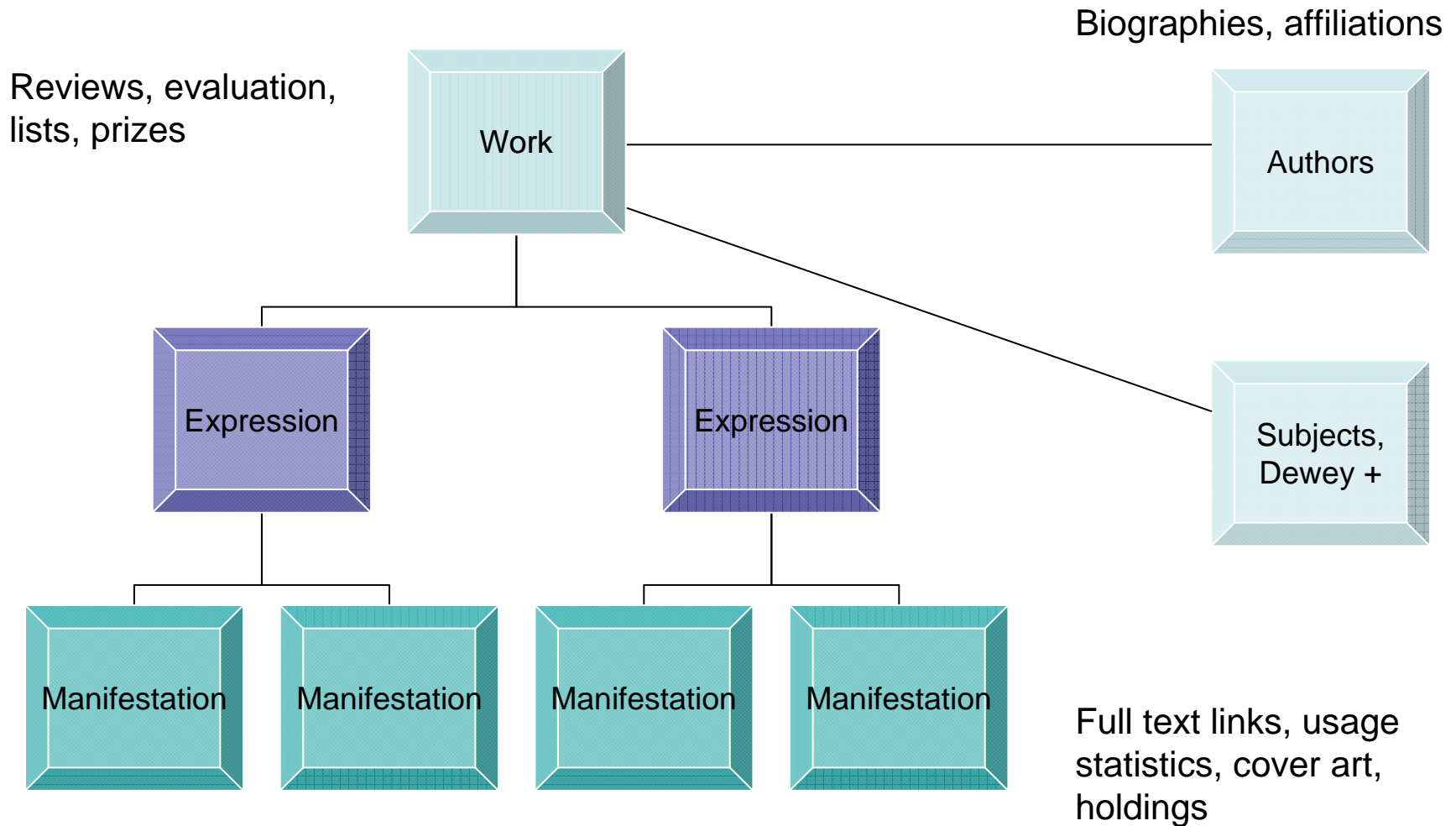


Libraries, publishers inserts, corrections

Family of Identifiers




Linked content at the right level




Work Clustering in the Dutch Union Catalogue



 181. [The unknown Callas : the Greek years](#)
Petsalis-Diomidis, Nicholas / Amadeus Press / 2001

 182. [Maria Callas : diaries of a friends](#)
Sutherland, Robert / Constable /

results 1


 183. [Maria Callas à l'Opéra de Paris](#)
Chœurs et orchestre de l'Opéra /

identical titles of [Callas](#) | 2 hits

 184. [Callas : portrait of a Prima Donna](#)
Jellinek, George / Dover / 1986




1. [Callas : portrait of a Prima Donna](#)
Jellinek, George / Dover / 1986

 2 identical titles




2. [Callas : portrait of a Prima Donna](#)
Jellinek, George / Ziff-Davis / 1960

 185. [Donizetti, Lucia di Lammermoor,](#)
Donizetti, Gaetano / s.n. / 1986

534667 [2]

 186. [Maria Callas : Rarities - interview](#)
Callas, Maria / s.n. / 19XX

 187. [Maria Callas : een leven als een Griekse tragedie : biografie](#)
Zoggel, Karl H. van / Tirion / 2003

All resources identified in a global scheme

Possible to do cross database links more reliably; mashups

Improved quality of WorldCat

- Better exposure
- Facilitates cataloguing

DDR project - Duplicate Detection and Resolution (Q1 2009)

- Will not eliminate “intentional duplicates” - different language of cataloguing, RLG institutional records
- Require mechanism to cluster these duplicates & then select the most appropriate for display depending on the user

Impact on quality

- Manifestation count, in addition to record count
- Impact on all products and services
- Part of identifiers architecture

Optimise OCLC products and services

- Identifiers at work and contributor level
- Display most appropriate record
- e.g. Collection analysis, WCRS, xISBN, xISSN

Towards a global identifier

- Diffusion of identifiers
- Increased coverage
- Manifestation resolution services

Weibel Lines



Read more at: <http://weibel-lines.typepad.com/weibelines/2008/02/a-glimir-of-the.html>

“To the extent that such identifiers are canonical – that is, become the dominant identifier for a given asset, they increase the “URI equity” for library assets and will strengthen the library presence on the Web. “

“Interesting and challenging issues arise in the design of such identifiers and their supporting infrastructure. Broad adoption will require a careful balance of use-cases, business issues, and community participation in meeting the need. All of this in an environment already crowded with myriad special purpose identifiers.”

And ...



<http://community.oclc.org/metalogue/>

