



**OpenURL Linking: Crisis? What crisis?
UKSG/NISO KBART Initiative
Charleston Conference, November 7, 2008**

Nettie Lagace
SFX/Verde Product Manager
Ex Libris Group

Overview

- Basic summary of “how it works”
- Examples of some issues
- Examples of some workarounds
- Moving toward a better future ... KBART!



EBSCOhost - Mozilla Firefox

http://sfx.library.edu/sfx?genre=article&issn=0063444&title=Biometrika&volume=93&issue=4&date=20061201&spage=843&sid=EBSCO:axh&atitle=Building mixture trees from binary sequence data&pid=<authors>Chen, Shu-Chuan; Bruce G. Lindsay</authors><date>2006</date>

1. Do we have access to this title?
2. From which provider?
3. Does our subscription cover this date?
4. Great !!!

Ex Libris

SFX Services for this record

Title: Building mixture trees from binary sequence data
Source: Biometrika [2006-12-01] Chen, Shu-Chuan; Bruce G. Lindsay
Full Text Available: Oxford University Press Journals
Year: 2006 | Volume: 93 | Issue: 4 | Start Page: 843

http://biomet.oxfordjournals.org/cgi/rep

BIOMETRIKA

Building mixture trees from binary sequence data

Shu-Chuan Chen¹ and Bruce G. Lindsay²

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Abstract

We develop a new method for building a hierarchical tree from binary sequence data. It is based on an ancestral mixture model. The sieve parameter in the model plays the role of time in the evolutionary tree of the sequences. By varying the sieve parameter, one can create a hierarchical tree that estimates the population structure at each fixed backward point in time. Application to the chloroplast DNA sequences of *Griffithia* A. Tarezi (1991) shows that the

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http://demo.exlibrisgroup.com:9003/demo?genre=article&issn=16140001&title=Journal of Individual Differences&volume=27&issue=3&date=20060101&spage=162&sid=EBSCO:psyh&atitle=Personality and Performance Anxiety Among Professional Orchestra Musicians.&pid=<authors>Langendorfer, Franziska;Hodapp, Volker;Kreutz, Gunter;Bongard, Stephan</authors><ui>2006-13420-006</ui><date>20060101</date><db>psyh</db>

1. Personality and Performance Anxiety Among Professional Orchestra Musicians. Langendorfer, Franziska; Hodapp, Volker; Kreutz, Gunter. Journal of Individual Differences. Vol 27(3), 2006, pp 162-171.

2. <http://www.psycontent.com/psyjournals/hh/jid/2006/03/jid2703162.html>

Hogrefe & Huber
USA • Canada • Switzerland • Germany

Subscribers to this journal are also entitled to access the online fulltext version. Information about getting your online access can be found at www.psyjournals.com

Journal of Individual Differences, Vol. 27, No. 3, 2006
Abstract

Personality and Performance Anxiety Among Professional Orchestra Musicians

Franziska Langendorfer
University of Frankfurt (am Main), Germany

Volker Hodapp
University of Frankfurt (am Main), Germany

Gunter Kreutz
Royal Northern College of Music, Manchester, UK

Stephan Bongard
University of Frankfurt (am Main), Germany

Fulltext in HTML | Fulltext in PDF

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OpenURL issues ... sometimes become Target issues

- Quality often dependent on Source provider's underlying data
- Sometimes original metadata recognized by Target, sometimes not

issue=5-6 issue 3/4/5 issue=7/8
artnum=052412
issue=11A pages=32-48C volume=124A spage=R129
issue=5 Pt 2 [target needs to have input "Part 2"]
spage=418A [if ACS then indicates a different publication!]

- Minimum: Year, volume, issue, start page ... but **also!** article title and author names – ERIC document numbers, dissertation identifiers, etc.



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Use of OpenURL as link-to syntax

<http://www.metapress.com/openurl.asp?genre=article&issn=0953-0460&volume=19&issue=1&spage=28>

<http://www.metapress.com/content/0nar9394I5dp609p/>

<http://openurl.ebscohost.com/linksvc/linking.aspx?sid=aph&volume=71&date=2005&spage=32&issn=0001-2610&stitle=&genre=article&issue=11&title=Planning>

<http://web.ebscohost.com/ehost/detail?vid=1&hid=3&sid=f4765070-35a4-4cec-b69f-77f167e3b3d6%40sessionmgr8>

<http://openurl.ingenta.com/content/sfx?volume=19&date=2006&spage=245&issn=0953-1513&issue=4&genre=article>

<http://www.ingentaconnect.com/content/alpsp/lp/2006/00000019/00000004/art00002?token=0049163163a0b66b34274337676a333f25663541333c4a2f245a6a383b74464c7a70675fe>

http://gateway.proquest.com/openurl?volume=33&atitle=Donuts%3A+The+American+Staple&date=1998&rft_val_fmt=ori%3Afmt%3Akev%3Amtx%3Ajournal&spage=35&issn=0005-4127&ctx_ver=Z39.88-2003&issue=1&genre=article&res_id=xri%3Aapqd&req_dat=xri%3Aapqil%3Aapq_clntid%3D

<http://proquest.umi.com/pqdlink?Ver=1&Exp=06-21-2012&FMT=7&DID=26101368&RQT=309>



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Data issues

- Frequency of data changes from providers
- Matching incoming data with existing data (if different providers)
- Use of standard identifiers
- Embargoes. Often dependent on incoming data.
- Title changes – how is old title reflected on provider site? And in data feeds?

Data augmentation

1	954925410826	Object Portfolio
Title	The Journal of biological chemistry	
@abbrevTitle	J BIOL CHEM	
@abbrevTitle	JOURNAL OF BIOLOGICAL CHEMISTRY	
@abbrevTitle	JBC	
ISSN	0021-9258	
eISSN	1083-351X	
CODEN	JBCHA3	
Imprint	Bethesda, Md. : American Society for Biochemistry and Molecular Biology	
@category	Chemistry - Biochemistry	
@category	Information Technology - Computational Biosciences	
@category	Life Sciences - General and Others	
LCCN	95007409	
Object Type	JOURNAL	
Language	eng	

1. Embargoes

- `timediff('>', '1y')`
 - = Time difference between date expressed in OpenURL and date of user's request must be greater than 1 year (12 months)

Today is November 7, 2008
User should be able to access any content published on or before November 6, 2007

... but how to calculate this *with available information?*



The screenshot shows the website for Human Factors: The Journal of the Human Factors and Ergonomics Society. The page includes a search bar, a navigation menu, and a list of issues. A search result is highlighted in a blue box, showing the following information:

Chany, Anne-Marie. (2007). The Effect of Phone Design on Upper Extremity Discomfort and Muscle Fatigue. Human Factors, 49, 602-618.

The website also features a sidebar with options for printing, subscription, and alerting, and a footer with contact information and a sign-in button.

Embargo handling

[http://sfx.university.edu/sfx?issn=0018-7208&date=2007
&volume=49&issue=4&spage=602](http://sfx.university.edu/sfx?issn=0018-7208&date=2007&volume=49&issue=4&spage=602)

Time difference between
date expressed in OpenURI **2007**
and date of user's request **20081107**
must be greater than 1 year (12 months)
2008 - 2007 = 1 year

[http://sfx.university.edu/sfx?issn=00187208&date=200708
&volume=49&issue=4&spage=602](http://sfx.university.edu/sfx?issn=00187208&date=200708&volume=49&issue=4&spage=602)

Time difference between
date expressed in OpenURI **200708**
and date of user's request **20081107**
must be greater than 1 year (12 months)
200811 - 200708 > 1 year



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2. Title changes

- Problem:
 - Title available from provider changes title
 - Provider updates ISSN as appropriate
 - Includes old title in coverage and link of *new title*
- Old title is lost
- Can be 'locked in' once found
- But still working with huge volumes of data overall



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Possible solution

- Utilize existing bibliographic knowledge:
 - 780/785 data from CONSER records
- Index these titles in addition to 'active' titles in local knowledgebase
 - Indicate local availability

Suggested:

```
008 740502d19731976nyufx-p-----0---a0eng--  
(see positions 8-11 and 12-16)  
3620 |a v.1-4; winter 1973-fall 1976.
```

... but this doesn't compare to (much of) electronic availability



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The screenshot displays the SFX Admin Center interface. The main content area shows search results for the query: Object ID = '111078421130000'. The results table contains one entry:

ID	Object Portfolio
111078421130000	Object Portfolio

Below the table, the details for the selected object are displayed:

- Title: Basic & clinical pharmacology & toxicology
- @abbrevTitle: BASIC AND CLINICAL PHARMACOLOGY AND TOXICOLOGY
- ISSN: 1742-7836
- eISSN: 1742-7843
- CODEN: BCPTBO
- Imprint: [Copenhagen, Denmark] : Nordic Pharmacological Society
- @category: Chemistry - Biochemistry
- LCCN: 2004260021
- Continues: Pharmacology & toxicology [0901-8928]
- Object Type: JOURNAL
- Language: eng

The 'Continues' field is highlighted with a red box. The interface also shows navigation links like 'OpenURL Generator' and 'Log Off', and a status bar at the bottom with various icons and text.

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Find it @ WMU - A-Z - Mozilla Firefox

University Libraries

Find it @ WMU

Source: Pharmacology & toxicology [0901-9928]

Find Full-Text of Related Title Online:
 Continued by: [Basic & clinical pharmacology & toxicology \[1742-7835\]](#)
[Get full text \(Wiley InterScience\)](#)
 Available: v.86, no.1(2000) -
 Wiley InterScience now includes blackwell journals.

Search the Library Catalog:
 Search for print versions of this item.

Get it Elsewhere:
 Request this item via Interlibrary Loan (for WMU faculty, staff and students only)
 First time Interlibrary Loan user? [Sign Up](#)

Citation and Linking Tools:
 Download citation to RefWorks Citation Manager
 Problem using this? Tell us about it, email us at lc-serials@wmich.edu
 Create a persistent link to this item

Find Information About This Journal:
 Information in Ulrichsweb.com

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A - Z List of Journals, Magazines

Titles Subject Collection

2 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Title:

Total number of e-Journals: 47973
 Switch to Detail View

Showing page 1784 of 2399 pages.

Journal title

[Pharmacology, biochemistry and behavior](#)

[Pharmacology & therapeutics](#)

Pharmacology & therapeutics. Part B, General & systematic history for additional full text

[Pharmacology & toxicology](#) [View journal history for additional full text]

[Pharmacy News](#)

[Pharmacy News \(Australia\)](#)

[Pharmacy post](#) [View journal history for additional full text] 1199-2131 ⓘ

[Pharmacy practice](#) [View journal history for additional full text] 0829-2809 ⓘ

[Pharmacy Practice](#) 1885-642X ⓘ

Pharmacy practice. Industry profiles [View journal history for additional full text] 0843-2120 ⓘ

Find it @ WMU - A-Z - Mozilla Firefox

University Libraries

Find it @ WMU

Pharmacology & toxicology [0901-9928]

[Chemistry: Toxicology](#)
[Health Sciences: Pharmacy and Pharmacology](#)
[Life Sciences: Toxicology](#)

Continued by: [Basic & clinical pharmacology & toxicology \[1742-7835\]](#)
 ⓘ

Pharmacy News [1448-207X]
 Get full text (ProQuest ABI/INFORM Trade & Industry)
 Available: (2005) -
 Check for full text (InfoTrac General OneFile)
 Available: (2003) -
[Chemistry: Pharmaceutical Chemistry](#)
[Health Sciences: Pharmacy and Pharmacology](#)
 ⓘ

Pharmacy News (Australia)
 Check for full text (LexisNexis Academic)
 Available: (2001) - (2004)
 ⓘ

Pharmacy post [1199-2131]
 Get full text (ProQuest Research Library)
 Available: (2002) - (2006)
 Get full text (ProQuest ABI/INFORM Trade & Industry)
 Available: (2002) - (2006)
[Health Sciences: Pharmacy and Pharmacology](#)
Supplement to: [Pharmacy practice \[0829-2809\]](#)
 ⓘ

Pharmacy practice [0829-2809]
 Get full text (ProQuest ABI/INFORM Trade & Industry)
 Available: (2002) - (2006)
[Health Sciences: General and Others](#)
[Health Sciences: Pharmacy and Pharmacology](#)

Has supplement: [Pharmacy practice, Industry profiles \[0843-2120\]](#)
Has supplement: [Pharmaceutica illustrata \[0849-1399\]](#)
Has supplement: [Hospital pharmacy practice \[1197-3412\]](#)
Has supplement: [Pharmacy post \[1199-2131\]](#)

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Published on behalf of the Nordic Pharmacological Society and the preferred publication of the European Association for Clinical Pharmacology and Therapeutics

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Online Submission

ISSUE NAVIGATION Early View | Current Issue | 2008 | 2007 | 2006 | 2005 | 2004 | ALL ISSUES (2000 - 2008)

Current Issue
Volume 103 Issue 5 (November 2008)

MiniReview
Epigenetic Changes in Cancer as Potential Targets for Prophylaxis and Maintenance Therapy (p 389-396)
Kirsten Grønbaek, Marianne Treppendahl, Fazila Asmar, Per Guidberg
Published Online: Sep 29 2008 5:23AM
DOI: 10.1111/j.1742-7843.2008.00325.x

Abstract | References | Full Text | HTML | PDF (Size: 173K)

SEARCH IN THIS TITLE
Basic & Clinical Pharmacology & Toxicology

SEARCH BY CITATION
Vol: Issue: Page: Go

SEARCH WILEY INTERSCIENCE
All Content
Publication Titles Go

Advanced Search
CrossRef / Google Search
Acronym Finder

ANNOUNCING
Read every medical title

KBART !

<http://www.niso.org/workrooms/kbart>

The KBART (Knowledge Bases And Related Tools) working group has been set up to progress the recommendations of the research report. The group will be co-chaired by NISO and will work to:

- develop and publish guidelines for best practice to effect smoother interaction between members of the knowledge base supply chain. Knowledge base providers and their customers (primarily academic libraries) will benefit from provision of higher quality data by content providers. Publishers will benefit from accurate linking to their content and subsequently the possibility of increased usage.
- provide educational events that will address the roles of each (relevant) party in the supply chain, the functions each needs to carry out to improve supply of data to knowledge bases, and the value of doing so in each case. Content providers will benefit from a greater understanding of the needs and activities of those to whom they supply data; knowledge base providers and libraries will again benefit from improvements that can be expected when content providers are better educated.
- deliver a centralised information portal, to support educational activities and provide a comprehensive resource for further learning, e.g.:
 - Glossary
 - Entry-level explanation of OpenURL: purpose, methodology, value
 - Introduction to knowledge base supply chain parties: roles, needs, responsibilities, value
 - "How to" guides: outputting holdings data etc.
 - Links to other (selected) OpenURL literature
 - Guidelines for best practice: knowledge base format and terms of provision; inbound linking syntax
 - Relevance of other standards/initiatives/technologies e.g. ONIX, metasearch
 - Contact details of those willing to provide assistance to the bewildered

CONNECTING THE INFORMATION COMMUNITY

Upcoming events

- UKSG Conference 2008 and Exhibition
- UKSG E-Journal Technical Update: Dublin
- UKSG Signals Practitioners: Edinburgh
- UKSG E-Journal Technical Update: London
- UKSG Signals Practitioners: Birmingham

more

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Thank You!

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