



CLICK06

Demand balancing in inter-library loan networks

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The context

“It was the best of times, it was the worst of times” *Dickens. A Tale of Two Cities*

■ The Great (Publishing) Flood



More journals

More authors per
article

More online resources

Surviving the flood

- Large university & state libraries can afford consortia fees to achieve lower subscription unit costs
- Australia has hundreds of small research centres - with supporting special libraries
- Special libraries face the publishing “global warming effect”
- GratisNet: Survival through co-operation with resource sharing networks to extend their research “reach”

Why not the national network?

- Administrative & processing cost of participating in national networks
- The low budgets and staffing of small special libraries
- Workload exposure for special libraries (especially those with unusual journal collections)

The Inter-Search “Ark”

“...cooperation means civilisation. Without cooperation there will be no railways, no steamboats, no churches, no schools, no hospitals, no life. Without cooperation a man may live in a cave and dress in the skins of beasts, but there can be nothing more without cooperation, and the man who says he does not believe in cooperation, librarian or whoever he may be, does not believe in civilisation and does not believe in life...” Dewey M. (1905). *Unity and co-operation in library world* In: *Melvil Dewey : his enduring presence in librarianship* /ed. S.K. Vann. Littleton (Colo.): Libraries unlimited, Inc., 1978. P. 168-171

- Inter-Search is a low cost online union list & ILL system for collaborating libraries who are sharing their print & (where allowed) electronic collections
- Libraries agree to supply requests from other libraries at no charge and with no specific reciprocity
- A small annual administrative fee per library funds the network infrastructure (\$135 for 2006/7)



GratisNet: <http://www.gratisnet.org.au> (Gratisnet is a Health-focussed network of 350 libraries)



GLASS - <http://www.glassdd.org> (a network supporting the GLINN and LOTS consortia of NSW government and semi-governmental libraries)



QShare: <http://www.qshare.org.au> (a network of 15 Queensland government libraries)



Australasian Libraries in the Emergency Sector: <http://www.alies.org.au> a network of 28 libraries in Emergency Service.




LILLI - Legal Inter-Library Loans Interchange T
Interlibrary Loan request system for participating



Government Libraries Information Network in NSW is an informal association of library and information managers in New South Wales government agencies

Browser-based Union List



[Requests](#)
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[FAQ](#)
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The GratisNet is:

Access to the in:

NUCOS Code |

Password |



NUCOS Code

Password

Continue

If you have forgotten your password type in your NUCOS code and click

Remind Me

Having trouble logging in? Read the [FAQ](#)



Resource discovery

Search Journals

Journal Holdings Search - only journals with holdings will be returned

Journal Title Search - all matching titles will be returned, irrespective of holdings

Journal Keyword search

JOURNALID = 268917

Click on a NUCOS code to place an ILL Request
Click on a Title to Add or Review holdings or to Order the title

| # | ISSN | |
|---|-----------|--|
| 1 | 0959-8146 | <p>Bmj : British Medical Journal Formerly: <u>British Medical Journal</u></p> <p><u>NHSE</u> (nsw) V. 2 <u>NAH</u> (nsw) V. 29 <u>NRRR</u> (nsw) Current <u>NOFR</u> (nsw) V. 2 <u>NSTR</u> (nsw) V. 2 <u>NU:RH</u> (nsw) V. 2</p> |

ILL REQUEST

Please refer to the [GRATISNET FAQ](#) on formatting your request information.

To: Susman Library
 Royal Prince Alfred Hospital
library@email.cs.nsw.gov.au
 Phone: 02 9515 8684 Fax: 02 9515 6325
 Ariel Address:
 Opening Hours: M - F : 8.30 - 5.00
 Notes: PLEASE PHONE FOR URGENT REQUESTS. NO URGENT DEPT. REQUESTS. **NAH DUE TO RAIN. PLEASE USE AS LAST RESORT FOR FAST TRACKS TILL FURTHER NOTICE.
 Urgent Orders: *Accepted*

Holdings: V. 297(1988) - 325(2002) ⓘ

Req No. Delivery Post Priority Normal

Additional Delivery Comments

Title:
 ISSN:

Citation Yr Vol Issue Pages

Author

Title

Copyright Declaration Date
 Copyright Dec Date:

This request complies with Section 50 of the Copyright Act 1968
 Please Copy and Supply as Agent for Requesting Library - Copy Requested for the Services of the Commonwealth
 Alternate Locations (NUCOS Codes)

or select up to three from the following and these will be transferred to the ILL request form (*note hold the to select multiples*)

Searching on journal, abbreviations, ISSN or keywords, with ranked display of libraries allowing single click through to raise requests.

Inter-Library Loans

Request Journals using Bibliographic lists

This function allows you to paste in a bibliographic citation list and process this list to generate ILL requests.

Your bibliographic format must be preconfigured. If your bibliographic format is not supported, contact your librarian.

Please nominate a citation format to be used: (Add new import definition)

Are these Journals or Books (you cannot process both Books and Journals together at this time)

Paste below your citation list to be processed, and click the PROCESS button.

Note: Most browsers and web servers can accept up to 10,000 characters.

```
JID - 8918173
SB - T
MH - Blast Injuries/classification/*mortality
MH - Emergency Medical Services
MH - *Explosions
MH - Human
MH - Iran/epidemiology
MH - War
EDAT- 2002/12/26 04:00
MHDA- 2003/01/10 04:00
PST - ppublish
SO - Prehospital Disaster Medicine
```

Process

Process ILL requests from bibliographic list of type PubMed (Journal)

Failed bibliographic imports will appear in the textbox below, and may be reprocessed after editing. Successful bibliographic details appear in the list below with options for email or fax submission.

[Return to the Request Form](#)

Please nominate a delivery Method:

Processing Journals

Copyright Type:

Show original citation


| volume | serial | year | title | page | author | journal | issn | Copyright Decl Date | Notes | Actions |
|--------|--------|------|-------------------|-------|------------|-------------------------------|-----------|---------------------|-------|--|
| 17 | 2 | 2002 | Mortality in Iran | 107-9 | Jahanlu HR | Prehospital Disaster Medicine | 1049-023x | | | Send To: NHCW-V. 13 No. 2/4(1992) Altermates: NHCW-V. 13 No. 2/4(1992) QES-V. 7 No. 3(1992)- WRPH-V. 18 No. 3(2003) |

Database searches can be used to raise multiple requests

Access to pay-per-view full text

 Search in Only full text?

Charges this month: \$50.00 Rebate available for downloads: \$0.00

 [Historic Archive](#) | [The Digital Australian](#) | [Homework Helper](#) | [NewsXtra Online Shop](#)

InterSearch - 1025 credits left
Expiring on: 23/08/2007 [Home](#) | [Archive Dates](#) | [News](#) | [FAQ](#) | [Support](#) | [Log Out](#)

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LOG OUT

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Search results


Refine your search

[« go back](#)

109 documents matched your query "digital rights".

Result pages: 1 [2 >](#) [Save this search](#) [New search](#)

Documents 1 to 100 are displayed on this page [Select all articles](#) [Unselect all](#)

- [BUSINESS FIRST](#)
-  [The Australian, 15-08-2006, Ed: 5 - IT Broadsheet, Pg: 001, 611 words , FEATURES](#)
PC make better music ANALYST IDC forecasts that Australia's wireless and online music delivery businesses will generate \$202 million in annual revenue, or 30 per cent of music sales, by 2010. The findings are part of the group's report on paid music ...



The not-so-good-bits with fee-free collaboration

If all individuals refrained from doing A, every individual as a member of the community would derive a certain advantage. But now if all individuals less one continue refraining from doing A, the community loss is very slight, whereas the one individual doing A makes a personal gain far greater than the loss that he incurs as a member of the community. (Pareto 1935, vol. 3, sect. 1496, pp. 946-7)

- Small libraries with specialist collections fear the risk being swamped due to their special holdings
- Large libraries with wider collections fear the risk of being overwhelmingly net lenders
- These risks are well understood in “Game Playing” scenarios
 - The free-rider
 - Imperfect distribution of workload

Ranking as a solution

Library Holdings Summary 2005-01-01 up to 2005-04-01

Select different dates

| Library NUC | Holdings | Outbound requests | Inbound requests v |
|------------------------|----------|-------------------|--------------------|
| NAH | 665 | 235 | 416 |
| EFREE | 445 | 1 | 382 |
| NRNS | 722 | 29 | 324 |
| VRMH | 518 | 237 | 324 |
| WRPH | 1210 | 337 | 323 |
| NPOW | 531 | 172 | 315 |
| VAUH | 1044 | 373 | 299 |
| VMMC:C | 747 | 166 | 297 |
| VRCH | 725 | 287 | 291 |
| GPH | 648 | 400 | 240 |

Ranking allows the ILL workload to be intelligently distributed among participating libraries

JOURNALID = 268

Bmj : British Medical Journal

Formerly: [British Medical Journal](#)

- [AVAD](#) (*act*) V. 297(1988) - **P**
- [ATNWB](#) (*tas*) V. 310(1995) - **P**
- [ATLH](#) (*tas*) V. 297(1988) - **P**
- [ATGA](#) (*act*) V. 290(1985) - **P**
- [ACAH](#) (*act*) V. 310(1995) - **P**
- [AAIH](#) (*act*) V. 296 (1988) - **P**
- [ACSH](#) (*act*) V. 297(1988) - **P**
- [AWVH](#) (*act*) V. 2(1950) - **P**
- [ATHSE](#) (*tas*) V. 320(2000) - **P**
- [ACAD](#) (*act*) V. 308(1994) - 318(1999) **P**
- [NHSE](#) (*nsw*) V. 297(1988) - **P**

Transactional analysis

- Assessing trust in rankings as a method of selecting supplying library
- Actual transactions for 2002 to 2004 were analysed to measure compliance – are using or bypassing the computer-based rankings

% of libraries bypassing the ranking

| | |
|--------|------|
| ■ 2002 | 26.0 |
| ■ 2003 | 22.7 |
| ■ 2004 | 18.7 |
| ■ 2005 | 17.8 |

A great idea but so what?

- The ILL requests for 2004-2006 were examined from the point of view of two game scenarios:
 - The relative egalitarianism represented by this model
 - A model based on the rational efficiency of supply – selecting from the nearest library most likely to supply quickly

Game-playing different delivery scenarios

| | 2003 | 2004 |
|---|-------------|-------------|
| Transactions | 150155 | 128365 |
| Distribution of transactions to the top 20 largest libraries(ranking-balanced) | 39003 | 33212 |
| Distribution of transactions to the top 20 largest libraries (utility-based) | 56815 | 46760 |
| Distribution of transactions to the 20 smallest libraries (ranking-balanced) | 1454 | 1154 |
| Distribution of transactions to the 20 smallest libraries (utility-based) | 779 | 754 |

A practical vision

- The “inter-search” model for resource sharing is designed to encourage community participation
- It depends on an ethos of collaboration that is exemplified by the library community
- Fee-free resource environments can benefit from conscious attention to workload balancing
- Conscious workload distribution has application to other newer resource sharing communities (eg Open Sources)

The threats

To put the point plainly, let me say that not since the King of England in the 16th century gave a group of printers exclusive rights to print books in exchange for the printers' agreement not to print heretical or seditious material has a government copyright policy been so skewed in favor of publisher interests and so detrimental to the public interest.

Pamela Samuelson. Legally Speaking: The NII Intellectual Property Report. Communications of ACM. Dec 1994

- This resource sharing ethos faces fundamental challenges in the new Digital Era
- More than 50% of library subscriptions are now electronic – a historic change that entails some risk
- “Digital Rights” bills & restrictive changes to copyright – DADVSI (France) & others entrench limitations in digital document sharing & ILL’s

The End

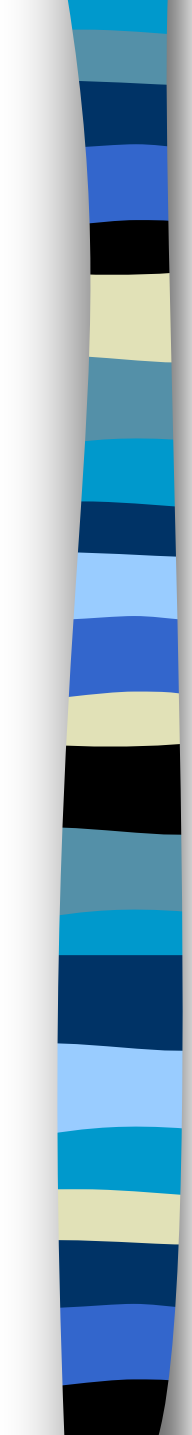
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Post Scriptum

10,000 EPA SCIENTISTS PROTEST LIBRARY CLOSURES Loss of Access to Collections Will Hamper Emergency Response and Research Washington, DC In an extraordinary letter of protest, representatives for 10,000 U.S. Environmental Protection Agency scientists are asking Congress to stop the Bush administration from closing the agency's network of technical research libraries. The EPA scientists, representing more than half of the total agency workforce, contend thousands of scientific studies are being put out of reach, hindering emergency preparedness, anti-pollution enforcement and long-term research, according to the letter released today by Public Employees for Environmental Responsibility (PEER).

http://www.peer.org/news/news_id.php?row_id=706

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- Joachim Schöpfel. **Between open access and copyright: document supply in France**
Interlending & Document Supply; 2005; 33, 3; 158-160
 - Pamela Samuelson. **Legally Speaking: The NII Intellectual Property Report. Communications of ACM. Dec 1994**