



# System Update

- Status
- New services
- 2008 plans
- Quality

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# Status



- System performance is stable, query times and deposit latency have not changed (query => 350msec, 90% of deposits processed in under 30 minutes)
- Stored queries are resolving nicely, cycle time is 4+ weeks (10,024,199 are resolved out of 73,993,534)
- Forward linking continues to grow (62,947,372 cited-by links established)
- Query and deposit volume are very stable

## Monthly Query Data

Month	Total MetaData Queries	Total Matches	%	% by group ( Lib Pub Afilt )			Total DOI Queries	Total Matches	%
Jun	9,801,050	4,078,939	42%	53%	49%	22%	1,687,284	1,609,000	95%
Jul	11,218,282	4,468,502	40%	55%	43%	27%	911,851	833,791	91%
Aug	12,484,668	5,785,432	46%	64%	44%	33%	1,233,024	1,138,910	92%
Sep	17,175,289	6,520,756	38%	33%	44%	31%	1,553,645	1,386,309	89%
Oct	13,701,197	5,266,872	38%	33%	42%	40%	2,141,019	2,017,245	94%

## Monthly Deposit Data

Month	Total Records Added	Total Current Deposits	Total BackFile Deposits	Total Records Updated
Jul	819,054	160,650	658,404	225,033
Aug	344,084	174,073	170,011	215,179
Sep	316,438	155,631	160,807	285,122
Oct	222,867	130,926	91,941	314,638

# New services update



- Simple Text Query
  - In 2007: 514K references parsed, 439K DOIs returned
  - Now supports depositing forward links



- Web deposit form now accepts NLM based XML
- DOI Tester is now fully active

<http://www.crossref.org/06members/51depositor.html>

Username=cr\_member, Password=ref-linking

Oxford University Press (OUP)	224	545896	
Journal	# DOIs	File Size	Last Crawl Date
'International Journal of Law Policy and the Family'	182	4789	2007-07-02
'Protein Engineering Design and Selection'	1165	31714	2007-02-08
African Affairs	583	15029	2007-02-15
Age and Ageing	5057	135091	2007-05-13
Alcohol and Alcoholism	1024	26590	2007-06-26

# ALCOHOL AND ALCOHOLISM



ABOUT THIS JOURNAL CONTACT THIS JOURNAL SUBSCRIPTIONS

[Oxford Journals](#) > [Medicine](#) > Alcohol and Alcoholism

**The page you requested was not found**

**In 15 seconds you will be automatically transferred to the home page...**

```
<volume>33</volume><issue>5</issue>  
<title> Familial resemblance of alcohol consumption levels in Jewish families </title>  
<person_name sequence="first" contributor_role="author">  
  <given_name>Y</given_name> <surname>Neumark</surname>  
</person_name>  
<publication_date media_type="print"> <month>9</month> <day>1</day>  
<year>1998</year>  
<first_page>509</first_page><last_page>518</last_page>
```

# New services update



- Monthly resolution report now shows search engine traffic

## Resolutions by Owner and Prefix for last 12 months.

We continue to filter out known search engine crawlers. This month they accounted for 19,308,664 resolutions.

Months	2007-09	2007-08	2007-07	2007-06	2007-05	2007-04	2007-03	2007-02
By Owner	2,151,687	1,997,717	1,990,155	1,797,518	2,202,310	2,024,552	2,209,298	1,852,111
By Prefix	2,062,542	1,911,049	1,907,796	1,706,787	2,095,036	1,922,851	2,071,146	1,751,111
All members	15,699,586	12,845,178	13,632,997	13,628,017	16,853,427	14,670,125	15,594,390	13,290,111

# New services update



- Web reports to be consolidated by publisher in MyCrossRef

## mycrossref

Welcome user  
CrossRef Test Account

DOI selected: 10.1093

logout

### dashboard

- ▼ CrossRef Website
- ▼ User Information
- ▼ Member Info for Prefix
- ▼ Activity status
- ▼ **Statistics**
  - Journal Deposits
  - Book Deposits
  - Conf Proc Deposits
- ▼ Resolutions
- ▼ Titles
- ▼ Failed queries
- ▼ CWS

### Crossref Member Information for Member CrossRef Test Account

Member Name:	CrossRef Test Account
Member Type:	Publisher
Status:	active (linking)
Non-Profit:	false
Forward-Linking:	0
Date Joined:	2000-07-01
Main Phone:	0711 8931 622
Fax:	0711 8931 258
Features:	
Prefix(es):	

Mailing Information	Billing Information
Ruedigerstrasse 14	
Stuttgart, 70469 Germany	

Contact Type	Contact Name	E-mail	
Technical Contact	Thomas Connertz(Bd)	thomas.connertz@thieme.de	+
Technical Contact 2			
Business Contact	Thomas Connertz(Bd)	thomas.connertz@thieme.de	+
Billing Contact			
Voting Contact	Thomas Connertz(Bd)	thomas.connertz@thieme.de	+

# 2008 plans



- System changes
  - Upgrade Oracle to 10g (from 9i)
  - Start utilizing virtual machines
  - Really finish production multiple resolution
  - Extend coverage of author/title search to all publication titles
  - Performance, performance, performance
- Quality changes
  - Investigate automated error detection processes
- Supporting services changes
  - Roll out My-CrossRef
  - Address high demand for simple text query



## ➤ Underlying principle adopted by the Quality Committee:

In the past CrossRef has **accepted problematic** data and depended on **after the fact correction**

Moving forward CrossRef will **tighten criteria** for acceptance and **reject** poor data. Fix the problem at its source.

# Quality



## ➤ **Conflicts:**

- Penalty fee (takes effect January 1, 2008)
- Occurrence should decline with stricter title management features

## ➤ **Changes to schema:**

- Author names now reject digits and '?'s
- Considering a page number filter to prevent ranges in <first\_page> (e.g. 100-134 should be <first>100</first><last>134</last>)

## ➤ **Title deposit changes:**

- All titles locked to a single prefix (assigned ownership)  
Publishers with multiple prefixes should avoid changing in mid-stream

## ➤ **ISSN changes:**

- ISSN check digit
- ISSN validation (make sure no other title already assigned the same ISSN)

## ➤ **ISBN Changes:**

- Correct schema problems with series titles, then impose ISBN validation



Thank you