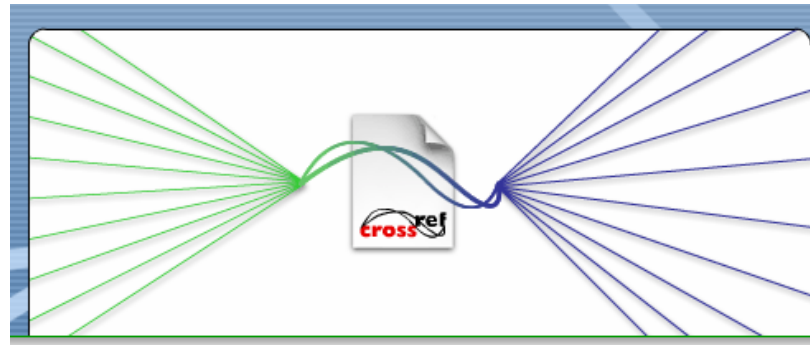


# CrossRef Annual Meeting – London

## Technical Working Group



2 November 2007



# System status

- System operation continues to be very stable
  - Some hardware issues in June, centered on a disk firmware upgrade
  - Software experiencing minor bugs only, no architectural changes
  - Oracle DB is now constantly replicated to standby server
- HTTP Query response time: 350-500 msec (during peak loads 350-900)
- Open Channel Interface response time: 150-250msec
- Deposits: 90% finish in less than 5 minutes
- Backup system fully installed in second datacenter
  - Test system available at <http://test.crossref.org>

# Changes

- ISSN /ISBN and book-series schema changes (Patricia to elaborate)
- Trying to control use of the simple text query service



- Production implementation of multiple resolution (Q1 2008)  
(pilot implementation still available, but not 100% forward compatible)
- Repaired many UTF-8 errors caused by long ago corrected software bugs (some redeposit required), but errors still remain.
- Changed system to properly recognize ISO-8859 declaration  
`<?xml version="1.0" encoding="UTF-8"?>`  
`<?xml version="1.0" encoding="ISO-8859-1"?>`
- Stopped accepting DOIs with spaces

10.3129/can j ophthalmol.i07-094

# Issues & plans

- Implement a parallel track for accepting page AND article numbers

On-line 'pagination' uses article IDs and page count

Vs. print pagination of start page and end page

Currently system uses article-num if no page-nums are present but otherwise ignores article-num.

- Automated way to scan & correct metadata

- Problem detection: compare to what?
- Problem notification: email won't do!
- Correction recording: store correct data beside publisher's data

- Start planning for a version 3 of the system

Current system is 5 years old. In 2008 we will generate a new requirements specification and determine rough pricing for implementation.

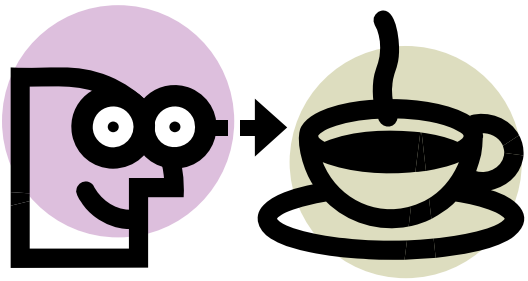
# Metadata Quality

# Conflict prevention processes at Springer

*Mike Waters*



# Demonstration of useful system & web features



00:00

When we return:

*New help documentation ..... Patricia*

*DOI use in Standards..... Eamonn Neylon*

# The new help documentation ... Patricia

# DOI use in standards ... Eamonn