CrossRef Member Update
Ed Pentz, Executive Director
June 8, 2001

Members, Affiliates and Agents

Members: 71

Affiliates: Cambridge Scientific Abstracts, Dialog, IFIS (International Food Information Service), reviews.com, Swets Blackwell, KINS (Korea Info-Net Services), EBSCO and Maruzen

Agents: Allen Press, BioOne, American Institute of Physics, ingenta/CatchWord, HighWire and Metapress

Library Affiliates: KAIST (Korean Advanced Institute of Science and Technology), Max Planck Institute Library

Annual Member Meeting 2001
The 2001 Annual Meeting is on September 13th, 2001 to be held at the Copthorne Tara Hotel Kensington, London. A draft agenda and registration form are available on the CrossRef Meeting Page - http://www.crossref.org/members_only/meetinginfo.htm - in the Members Only Area. Comments on the draft agenda are welcome.

Implementation Workshop, September 14th, London
The day after the Annual Member meeting there will be a Technical Implementation Workshop in the same hotel as the Member Meeting. There is a separate registration for this on the Meeting Page. This meeting is for technical staff, so it is not necessarily expected that those people attending the Member Meeting will also attend the Workshop.

Website
Reminder for the members’ area of website:

username: cr_member
password: ref-linking

Items of note on the website:
Go Live Table (http://www.crossref.org/members_only/golive.html) – this is a table that lists all members, DOI Prefixes, the date that metadata was last deposited and indicates whether data deposits have started, a response page is ready and if reference links are being created. **For those fields that are blank we request that members email Lisa Hart (lhart@crossref.org) with the expected date that deposits and/or reference links will begin.** Also, please let us know if any information in the table is incorrect. The “Date of Last Deposit” is updated weekly.

It is very important that members deposit content and start creating reference links and this table will show if this is happening or when it is expected to happen. This will help us make projections about CrossRef usage. Looking at the table, we are doing well on deposits but reference linking is definitely lagging. We know that many members are working on this at the moment; having expected dates would be very useful.

- A page with a brief description and some links covering the Localized Linking Prototype is available off the main homepage
- A list of the journals available in CrossRef is now available from the main homepage and the Members’ page
- The Marketing Information section - http://www.crossref.org/members_only/branding.htm - has a journal house ad kindly provided by Academic Press, logos and branding guidelines.

**Annual Perspective 2000-2001**

Members should have received, or will soon receive, the blue booklet - “Annual Perspective: 2000-2001”. Please let us know if you would like extra copies. A PDF version of the booklet is available on the website.

**CrossRef Marketing/Articles**

Amy Brand’s article “CrossRef Turns One” is in the May issue of D-Lib magazine - http://www.dlib.org/dlib/may01/brand/05brand.html

A CrossRef contribution was submitted to Nature for the online debate entitled “Future e-access to the primary literature” (http://www.nature.com/nature/debates/e-access/). There is a backlog of submissions but the contribution should appear in the next few weeks.

An editorial on CrossRef was submitted to “The Server” a newsletter from Lippincott, Williams and Wilkins that is mailed to 5,000 librarians in Europe and the Middle East.

In January the NLM announced it would be discontinuing PubRef - http://www.nlm.nih.gov/pubs/techbull/jf01/jf01_pubref.html. The reason given for this was that “the number of PubRef searches have been negligible, and also an independent service, CrossRef was developed whose purpose is quite similar to PubRef.”

Academic Press provided a number of different versions of a house journal ad which are available in the Marketing Information section of the website - http://www.crossref.org/members_only/branding.htm
There is also a DOI Lookup Demo – this shows a sample set of references being submitted to the Reference Resolver and the response page (brief, full and XML all work).

**JSTOR**

We’ve had preliminary discussions with JSTOR about issues to do with assigning DOIs to JSTOR articles and depositing metadata in CrossRef so the articles can be linked to. JSTOR would work with publishers on making this happen. The University of Chicago Press has registered DOIs and metadata for articles in JSTOR and the Astrophysics Data System. JSTOR will be approaching other CrossRef members to consider doing the same and working out details of how it might happen.

**Localized Linking**

LANL, Ohio State and University of Illinois are making their localized linking systems available to end-users. LANL and Ohio State are using SFX while University of Illinois is using a custom built system. The group will be meeting at the end of June to discuss the type of feedback that should be gathered from users. A key piece of the Localized Linking system is that the local linking servers in the libraries pull the article metadata from CrossRef to construct links for users. A brief description of this and links to more information is now available on the website - [http://www.crossref.org/ldl.html](http://www.crossref.org/ldl.html).

**CrossRef System**

The IDF has released a demonstration of Multiple Resolution. A general announcement is at [http://www.doi.org/news/0105-multires.html](http://www.doi.org/news/0105-multires.html) and a more detailed description is at [http://www.doi.org/multi-res/DOImultipleresolution.html](http://www.doi.org/multi-res/DOImultipleresolution.html). As a Registration Agency, CrossRef will be taking advantage of this and by the end of the year will allow multiple data types to be associated with on DOI. There is still a lot of work that needs to be done on defining a standard interface to DOI services. If each RA develops its own way of handling things, there will be chaos and system will not be interoperable.

A new activity is underway in this area, the **DOI-Service Definition Interface (DOI-SDI)**: this is an application layer on top of the basic DOI system to provide an infrastructure model of how to build services, which is related to the issue of data typing, multiple resolution, parameter passing, etc. The IDF is setting up a small technical committee – DOI-SDI – to rapidly define layout a framework. The initial list of participants is: Tony Hammond (Academic Press), John Erickson (Hewlett Packard Research Labs), Larry Lannom (Corporation for National Research initiatives), Tom Davidson (Content Directions), Godfrey Rust (Data Definitions), Ed Pentz (CrossRef), Eamonn Neylon (Chair, International DOI Foundation), Chris Shillum (Elsevier Science) and Edward Ju (Enpia).

Tony Hammond wrote a discussion paper "A DOI Services Network, or Deploying Strategic Links over the Internet" which briefly describes current DOI services and where XML, OpenURL, etc fit in. ([http://dx.doi.org/1014/services](http://dx.doi.org/1014/services) or [http://www2.harcourt-international.com/~tony/doi/docs/doi_services.doc](http://www2.harcourt-international.com/~tony/doi/docs/doi_services.doc)).
Work on conference proceedings and reference works are continuing. Basic gathering of sample data and DTDs has been done and potential vendors have been identified for data analysis, developing the DTDs and schemas and making sure we are compliant, as far as possible, with ONIX.

**System Stats (as of June 7, 2001)**

3877 (3875 in May) total journals in database

3,209,872 (3,049,355 in May) records in database

Members: 71 (70 in May)

Depositor Reports - [http://mddb1.crossref.org/crossref/reports/](http://mddb1.crossref.org/crossref/reports/) (cr_member /ref-linking to login)

1. **AIP** 103,726 (102,874) records
2. **ALPSP** (Association of Learned and Professional Soc) 256 (256) records
3. **ASME International** 2,220 (2,025) records
4. **Academic Press** 179,521 (177,456) records
5. **Acoustical Society of America** 12,166 (12,166) records
6. **American Association of Physicians in Medicine** 840 (819) records
7. **American Association of Physics Teachers** 707 (685) records
8. **American Chemical Society** 106,144 (103,915) records
9. **American College of Medical Physics** 35 (35) records
10. **American Geophysical Union** 5,506 (5,506) records
11. **American Mathematical Society** 5,139 (5062) records
12. **American Physical Society** 178,983 (178,983) records
13. **American Psychological Association** 45,573 (45,213) records
14. **American Society for Biochemistry & Molecular Biol** 32,450 (31,899) records
15. **American Society of Civil Engineers** 4,337 (4,215) records
16. **American Society of Plant Physiologists** 4,127 (4,127) records
17. **American Vacuum Society** 7,891 (7,829) records
18. **Biomedical Engineering Society** 401 (392) records
19. **Blackwell Science** 69,157 (62,868) records
20. **Cambridge University Press** 27,362 (1,065) records
21. **Churchill Livingstone** 6,372 (5,856) records
22. **Cold Spring Harbor Laboratory Press** 538 (172) records
23. **Ediciones Doyma** 1 (1) record
24. Electrochemical Society 454 (317) records
25. Elsevier Science 1,182,451 (1,153,762) records
26. Geological Society of America 2,678 (2,641) records
27. Hindawi 11
28. IEEE 153,692 (150,673) records
29. Institute of Physics 117,221 (116,460) records
30. Institution of Electrical Engineers (IEE) 10,563 (2) records
31. International Union of Crystallography 48,269 (48,061) records
32. John Wiley & Sons, Inc. 323,241 (316,206) records
33. Kluwer Academic Publishers 38,114 (13,915) records
34. Lippincott Williams & Wilkins 43,639 (42,765) records
35. London Mathematical Society (CUP) 1,287
36. MAIK 11,594 (11,375) records
37. Mary Ann Liebert, Inc. 4,262 (4,043) records
38. Mosby, Inc. 10,222 (9,728) records
39. Munksgaard 6,994 (5,374) records
40. NRC Research Press 8,714 (8,558) records
41. Nature Publishing Group 18,846 (18,394) records
42. OUP 35,690 (31,170) records
43. PNAS 15,026 (14,735) records
44. Pion Ltd. 349 (280) records
45. Portland Press Ltd. 2,100 (1,959) records
46. SCIENCE 19,194 (18,846) records
47. SOR 2,397 (2,397) records
48. SPIE - The International Society for Optical Engin 1,793 (1,718) records
49. Springer-Verlag 116,300 (107,757) records
50. Taylor & Francis Ltd 43,185 (42,132) records
51. Technomic Publishing Company 1,110 (1,040) records
52. The Royal Society 3,052 (2,970) records
53. The Royal Society of Chemistry 22,765 (22,692) records
54. The University of Chicago Press 155,466 (154,967) records
55. Turpion Ltd. 3,443 (3,324) records
56. W.B. Saunders 8,446 (7,769) records
57. World Scientific 3,122 (2,555) records

Reference Linking
It is also important for members to start adding links to their references. Those publishers creating reference links (if you aren’t on the list but are creating links, let me know):

American Physical Society (PROLA)
ALPSP
Blackwell Science
Elsevier Science
Harcourt (Academic Press, Mosby, Saunders)
Institute of Physics Publishing
International Union of Crystallography
Mary Ann Liebert
Nature
Pion
The Royal Society
Springer Verlag
Taylor and Francis
Turpion
John Wiley and Sons

DOI Resolutions
DOI resolution requests (all prefixes beginning '10.') through the proxy server (minus 10.1000, the DOI web site):

<table>
<thead>
<tr>
<th>Month</th>
<th>Resolution Requests</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2000</td>
<td>87,509</td>
</tr>
<tr>
<td>June 2000</td>
<td>128,984 (+47%)</td>
</tr>
<tr>
<td>July 2000</td>
<td>187,738 (+45%)</td>
</tr>
<tr>
<td>August 2000</td>
<td>209,684 (+12%)</td>
</tr>
<tr>
<td>September 2000</td>
<td>226,060 (+8%)</td>
</tr>
<tr>
<td>October 2000</td>
<td>294,316 (+30%)</td>
</tr>
<tr>
<td>November 2000</td>
<td>304,071 (+3.5%)</td>
</tr>
<tr>
<td>December 2000</td>
<td>250,666 (-18%)</td>
</tr>
<tr>
<td>January 2001</td>
<td>336,290 (+34%)</td>
</tr>
<tr>
<td>February 2001</td>
<td>356,772 (+6%)</td>
</tr>
<tr>
<td>March 2001</td>
<td>388,581 (+9%)</td>
</tr>
<tr>
<td>April 2001</td>
<td>383,546 (-3%)</td>
</tr>
<tr>
<td>May 2001</td>
<td>430,701 (+12%)</td>
</tr>
</tbody>
</table>
International DOI Foundation (IDF) Update

The IDF has appointed both Content Directions (http://www.contentdirections.com/) and Enpia Systems (http://www.enpia.com/) as Registration Agencies for e-books. Both are RAs on a non-exclusive basis for e-books and Enpia will also be working with Korean language material.

The Registration Agency Working Group (RAWG) will be meeting on July 10th prior to the IDF Annual Meeting in Bristol, UK.

From the IDF Member Update:

DOIs for data sets – funding and interest
ICSTI have approved $2K funding for this work (to the IUCOSPED group) subject to a statement of endorsement by IDF. I feel that this is potentially a very suitable application of DOI, with several advantages in terms of widening appeal, but I’ve heard little enthusiasm to date from the IDF members with an interest in chemistry, which I’d been viewing as a necessary to carry the work forward. I’m now issuing a reminder and attempting to generate some interest. Members, please speak up!!"

Work on DOI for data sets should be of interest to a number of CrossRef members. I would support the work going ahead with IDF approval.