CrossRef Member Update

Ed Pentz, Executive Director
November 13, 2001

Members, Affiliates and Agents

Members: 88


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

Library Affiliates: Boston College Library, Indiana University-Purdue University Indianapolis Libraries, KAIST (Korean Advanced Institute of Science and Technology), Lund University Libraries, Max Planck Institute Library, Toshiba Corporate Library, University of Chicago Libraries, University of Nevada - Reno Libraries, University of Rochester – Rush Rhees Libraries

Special Member Meeting, December 4th, 2001

Remember to register for the Special Member Meeting from 9:00-12:00 on December 4th, 2001 at the Copthorne Tara Hotel, Kensington, London. The Member Meeting will be followed by lunch sponsored by Atypon Systems – even if you can’t attend the Member Meeting you are welcome to attend the lunch, which is not too far from Olympia. The agenda and sign up are available on the website - http://www.crossref.org/members_only/meetinginfo.htm. There is also a Technical Implementation Workshop from 14:00- 17:00 on December 4th.

Two Member Questionnaires for Member Meeting- Along with this member update are two questionnaires for all members to fill in and return by November 27, 2001. One is a questionnaire about barriers to creating reference links – 80% of members are depositing content but only 30% are actively retrieving reference links and CrossRef wants to see if it can improve this situation and increase the number of reference links. The other questionnaire asks about future functionality and services that CrossRef can provide. Please fill in the questionnaires and return by email (abrand@crossref.org) or fax (+1-781-221-
8456). Members can send one response but multiple responses from each member publisher are acceptable.

Annual Meeting, October 8th, 2001 – The Annual Meeting at Frankfurt went well. 52 members were represented in person or by proxy. The revised By-laws, Membership Agreement and Certificate of Incorporation were approved and the new versions are available in the member area of the website. The election results for the board of directors are at [http://www.crossref.org/members_only/election.htm](http://www.crossref.org/members_only/election.htm).

For information the changes are details below.

**By-laws.** The amendments to the by-laws are to:
- Correct a typographical error in Article I, Section 3
- Clarify when elected directors assume their duties in Article V, Section 1
- Clarify the status of “alternate directors” designated by members holding Board seats in Article V, Section 2
- Clarify the oversight role of the Loan Committee in Article VII, Section 4.

**Membership Agreement.** The changes are:
- Section 3 - upon joining CrossRef a member agrees to allow others to link to them and they also have an obligation to link to others. This has always been implied in how CrossRef operates but it is now clarified as an obligation of membership. Most members start depositing content in CrossRef before they begin retrieving DOIs, but it is expected that all members are working on implementing reference links.
- Section 3 (a) broadens the type of information that CrossRef may collect. For instance, we will be adding the facility to deposit conference proceedings and reference works and e-books and it may be useful to collect different types of metadata. However, the board would need to vote to approve collecting any additional metadata from members.
- Section 7 - CrossRef has been participating in a prototype on Localized Linking that will require Reverse Metadata Lookup – i.e. sending a DOI to CrossRef and retrieving the metadata. Localized Linking/Reverse Metadata Lookup has not been approved yet but it will be discussed at the Annual Meeting.
- Section 27 – this is a very important addition to protect members. This is a “most favored nations” clause. If any material changes are made to the Membership Agreement then all members will have the option of accepting the new agreement. This would mean that no member would have better terms than any other member.

**Localized Linking Prototype**

CrossRef policies for Localized Linking will be a key topic of discussion at the special member meeting on December 4th. CrossRef is starting discussions with Ex Libris to try and work out terms for SFX and CrossRef to interact. One of the key benefits for CrossRef member publishers are that by CrossRef allowing localized linking, all CrossRef member publishers will be OpenURL aware (except for those publishers who wish to opt out of localized linking).
**CrossSearch**

CrossSearch will also be a main topic of discussion at the Special Member Meeting on December 4th. After the December 4th meeting CrossRef will be working to outline the requirements for CrossSearch and identifying possible vendors to develop ideas for the technical architecture, costs and implementation schedule for CrossSearch.

**CrossRef Marketing**

*Marketing materials and journal ads.* This is a reminder to take advantage of the new space ads and website banner ads now available at [http://www.crossref.org/members_only/branding.htm](http://www.crossref.org/members_only/branding.htm). By putting these ads in your journals, you will help us educate end-users about how CrossRef linking facilitates on the online research process. PDF color and black-and-white ads (6x9 and 7.25x10) targeting the research community are posted at the members-only section of our website-[http://www.crossref.org/members_only/branding.htm](http://www.crossref.org/members_only/branding.htm). Quark files for the same ads for available upon request (abrand@crossref.org), in case you would like to customize the ad copy. Website banner ads (small and large) are also available.

*Website* - Reminder for the members’ area of website: username: cr_member password: ref-linking

*Go Live Table* - [http://www.crossref.org/members_only/golive.html](http://www.crossref.org/members_only/golive.html)

*Status Report* - [http://www.crossref.org/members_only/status.html](http://www.crossref.org/members_only/status.html) - this new page provides aggregate information on deposits and the DOI matching rate.

**CrossRef System**

*New Content Types* - The new XML schema for journals, books, and conference proceedings has been circulated to the Technical Working Group for final feedback. In an important development, CrossRef is working towards accepting deposits for reference works and conference proceedings in the first part of 2002. Using the new schema will require members to change how they deposit information with CrossRef. The current format and process for submission will be supported in parallel with the new schema for a certain period of time. Once the new schema has been finalized (by the end of November), implementation information will be provided to members.

*System Rewrite* – the project is underway and the functional specification and initial project plan have been finalized. Scheduled completion is April 2002.

*Parameter Passing* – a draft white paper on Parameter Passing has been circulated to the parameter passing email list. A common set of CrossRef parameters has been proposed as well as a proposal for initial implementation. Once the parameter group reviews the parameter paper it will be distributed to all CrossRef members for review. CrossRef and the parameter-passing group will develop a schedule for implementation.

*Upload (Deposit)* – CrossRef worked closely with CNRI on a new multi-threaded DOI client that is now in place. The new client allows multiple simultaneous batches to be processed
into the DOI (Handle) system. Previously, CrossRef was limited to depositing about 40,000 records per day but now 3-4 times that many can be processed each day.

**Multiple Resolution** – there have been two conference calls with the IDF, CNRI and the other DOI Registration Agencies. There are two proposed architectures and the current proposal is to move forward with implementing both proposals to test whether multiple applications can be supported on top of the central DOI system. See the IDF Update below for more information.

**Data Center Move** – CrossRef is now in the WorldCom data center. Changing the domain name took longer than expected but the new site is up and running. We have had two short periods when the system was down but these were resolved and procedures put in place to prevent any system downtime.

**System Stats (as of November 9, 2001)**

- **5323** (5158 in October) total journals in database
- **3,725,038** (3,501,277 in October) records in database
- **Members: 88** (83 in October)

**Depositor Reports** - [http://mddb1.crossref.org/crossref/reports/](http://mddb1.crossref.org/crossref/reports/). (cr_member /ref-linking to login). I haven’t included the list of depositor information since it is available on the website and updated daily.

**Reference Linking**
Those publishers creating reference links (if you aren’t on the list but are creating links, let me know):

- American Physical Society
- Acoustical Society of America
- ALPSP
- American Association of Physicists in Medicine
- American Association of Physics Teachers
- American College of Medical Physics
- American Society of Civil Engineers
- American Vacuum Society
- ASME
- Biomedical Engineering Society
- Blackwell Science
- Electrochemical Society
- Elsevier Science
- Harcourt (Academic Press, Mosby, Saunders)
- Institute of Physics Publishing
- International Centre for Diffraction Data
- International Union of Crystallography
- Mary Ann Liebert
- MAIK/Nauka Interperiodica
- Nature
- Pion
- The Royal Society
- Science
- Society of Exploration Geophysicists (SEG)
September figures were due to a lot of testing and a runaway script. October represents a return to normal usage and resolutions.

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<thead>
<tr>
<th>Month</th>
<th>Resolution</th>
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<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>
<tr>
<td>June 2001</td>
<td>364,977 (-15%)</td>
</tr>
<tr>
<td>July 2001</td>
<td>968,576 (+265%)</td>
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<tr>
<td>August 2001</td>
<td>818,510 (-18%)</td>
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<tr>
<td><strong>September 2001</strong></td>
<td><strong>8,420,977</strong></td>
</tr>
<tr>
<td><strong>October 2001</strong></td>
<td><strong>801,562</strong></td>
</tr>
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International DOI Foundation (IDF) Update

The DOI session at Frankfurt went very well. A news release about the session is available at [http://www.doi.org/](http://www.doi.org/).

Learning Objects Networks (LON) has been appointed as the fourth Registration Agency. From the IDF Director’s Report:

LON intends to register DOIs for use in the management of learning objects, and is currently working with a number of partners in a development project for Advanced Distributed Learning for the U.S. Department of Defense and others. LON have also commissioned a mapping of the SCORM (Shareable Content Object Reference Model) metadata framework to the ONIX scheme, which will enable ready use of DOI kernel metadata with either framework (This form of mapping is ultimately the aim of the DOI Namespace work). See [http://www.learningobjectsnetwork.com](http://www.learningobjectsnetwork.com)

Multiple Resolution/Service Definition

There has been some activity on multiple resolution. From the IDF Director’s Report:
A teleconference among members of the DOI Services group was held on 24 October. The primary technical topic of the call was the existence of two specific proposals for advancing the DOI from a simple one-note redirection system to a system capable of more complex behaviour. The discussion was not about the approaches themselves, but rather whether the IDF should support one versus the other, or mandate an approach, which can accommodate both, along with future, completely different approaches. Will all DOIs fit within one framework, or do we assume that they can be very different, sharing perhaps only an indicator of what schema or framework they do fit into? How the selected approach would be implemented at the DOI Proxy server must also be considered. In the interest of moving forward, members of the group will be prepared to reach consensus on this issue at the next teleconference. On other matters, the group agreed to document and report opinions, and if consensus was not reached the group would document that situation and pass it along to the IDF; to discuss the future role of the group at the next teleconference (future teleconferences to be held at 2-3 week intervals); and in the event that this, or any future work of the group, results in jointly produced code or specifications, the material will be owned by and, if required, licensed by the IDF.

**EDItEUR and ONIX**

CrossRef is providing input to EDItEUR ([http://www.editeur.org/](http://www.editeur.org/)) on ONIX 2.0 for eBooks. ONIX for Serials is now underway and CrossRef is providing input - [http://www.editeur.org/onixserials.html](http://www.editeur.org/onixserials.html)

CrossRef’s goal is to accept deposits in ONIX format later in 2002.