Current Workflows for Electronic Journals

Joint Presentation of
OIS Database Management &
Continuing Resources Working Group
December 8, 2010
Agenda

- Overview of e-journal access at Harvard
- MARCit! background and history
- MARCit! process and workflow in detail
OVERVIEW OF E-JOURNAL ACCESS AT HARVARD
What is an e-journal?

- “Continuing resource issued in a succession of discrete parts, usually bearing numbering, that has no predetermined conclusion” – AACR2
- An electronic form of a journal, serial, magazine, newspaper, newsletter, continuing directory, annual report, and some monographic series if classed together
- A journal-like electronic publication with no print counterpart, made available via the Web
- NOT a database, website, or collection of e-book or e-journal titles
E-journal access: HOLLIS & HOLLIS Classic

- Harvard has access to over 113,000 e-journals (over 133,000 variations)
- Titles and holdings in some collections are volatile and change frequently
- We do not own many of these collections
- MARCit! is the source for these holdings and many of the bib records
- URLs lead directly to full text if there is only one full-text option; otherwise they lead to a Find It menu
E-journal access: E-Research

- Patrons have access to most e-journals through E-Research
- "Find E-Journals" function
- Brief bibliographic information and subject access
- Updated from the SFX database
<table>
<thead>
<tr>
<th>Title</th>
<th>Subject</th>
<th>More Options</th>
<th>Citation Linker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Callato</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calliope</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Callopio</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
E-journal access: Find It @ Harvard

- Patrons have access to Find It links through many of Harvard’s electronic resources, E-Research, Google Scholar, HOLLIS, HOLLIS Classic
- Find It links take patrons to full text or to other services if full text is not available
SFX: the engine behind MARCit!, Find It, E-Journals, Citation Linker

- Ex Libris provides a central database of titles and collections
- This central database is updated on a regular basis
- Harvard maintains a local copy of the central database with our titles activated
- Harvard also maintains holdings/coverage if different from central database
<table>
<thead>
<tr>
<th>#</th>
<th>Target</th>
<th>Service</th>
<th>Object</th>
<th>Threshold</th>
<th>Mod.</th>
<th>Act.</th>
<th>Action</th>
<th>Test SFX</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0001-4842</td>
<td>Accounts of chemistry</td>
<td>obj-&gt;parsedDate(&gt;^,1998,1,1)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>2</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0002-7883</td>
<td>Journal of the Americ...</td>
<td>obj-&gt;parsedDate(&gt;^,1970,1,1)</td>
<td>2006/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>3</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0003-2700</td>
<td>Analytical chemistry</td>
<td>obj-&gt;parsedDate(&gt;^,1947,19,1)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>4</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0005-2903</td>
<td>Biochemistry</td>
<td>obj-&gt;parsedDate(&gt;^,1982,1,1)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>5</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0009-2347</td>
<td>Chemical and eng...</td>
<td>obj-&gt;parsedDate(&gt;^,1998,76,32)</td>
<td>2008/02/22</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>6</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0009-2356</td>
<td>Chemical reviews</td>
<td>obj-&gt;parsedDate(&gt;^,1924,&quot;,&quot;)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>7</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0013-398X</td>
<td>Environmental science</td>
<td>obj-&gt;parsedDate(&gt;^,1987,&quot;,&quot;)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>8</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0019-7668</td>
<td>Industrial &amp; eng...</td>
<td>obj-&gt;parsedDate(&gt;^,1999,&quot;1&quot;,&quot;1&quot;)</td>
<td>2005/02/10</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>9</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0019-7982</td>
<td>Industrial and en...</td>
<td>obj-&gt;parsedDate(&gt;^,1982,&quot;1&quot;,&quot;1&quot;)</td>
<td>2005/02/10</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>10</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0020-1996</td>
<td>Inorganic chemistry</td>
<td>obj-&gt;parsedDate(&gt;^,1962,&quot;,&quot;)</td>
<td>2006/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
<tr>
<td>11</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0021-5661</td>
<td>Journal of agricul...</td>
<td>obj-&gt;parsedDate(&gt;^,1953,1,1)</td>
<td>2005/02/10</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>12</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0021-5668</td>
<td>Journal of chem...</td>
<td>obj-&gt;parsedDate(&gt;^,1959,4,1)</td>
<td>2005/02/10</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>13</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0021-5676</td>
<td>Journal of chem...</td>
<td>obj-&gt;parsedDate(&gt;^,1961,&quot;1&quot;,&quot;1&quot;)</td>
<td>2005/02/10</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>14</td>
<td>AMERICAN_CHEMICAL_SOCIETY</td>
<td>getFullTtxt</td>
<td>0022-2623</td>
<td>Journal of medi...</td>
<td>obj-&gt;parsedDate(&gt;^,1999,1,1)</td>
<td>2005/02/10</td>
<td>Y</td>
<td>C</td>
</tr>
</tbody>
</table>
MARCIT! BACKGROUND AND HISTORY
E-journal record loading history

- ULC-approved project to load vendor MARC records
- Task force 2005-2006
- Result of task force was MARCit! implementation
- Initial load of approximately 16,000 records at the end of March 2006
Some task force objectives

- Maintain current holdings/availability information for e-journals in one place only for the OPAC, E-Research, and Find It
- Reduce processing, naming, cataloging workload
- Provide comprehensive, consistent access to e-journal holdings
- Ensure that users see all available versions of a journal on one record
- Provide one URL for multiple electronic versions of a journal
MARCit! service from Ex Libris

- Provides MARC records for e-journals in SFX database to load into Aleph
- Pulls records from CONSER database
- If no CONSER record, creates a brief record
- Provides updates & deletions
- Includes URL in 856 field
- Scope is e-journals available to the entire Harvard library community – not databases, websites, books, or journals restricted to a certain school or faculty
MARCit! record loads summary

- Load MARCit! records following the single record approach
- Load holdings record with a NET location and MRCIT collection code
- Load 856 field containing a URN which has been batch-assigned and which resolves to the OpenURL
Use SFX number as the unique identifier for the holdings record (load in the 035 holdings field).

Load availability information (866), which will be updated in regular MARCIt! loads.

Process updates, deletes and additions on a weekly basis, matching on SFX number.
MARCit! Load Process
MARCit! Load Overview

- MARCit! record characteristics
  - Bibliographic records
  - Holdings records

- Load process for MARCit! records
  - Loading new MARCit! records
  - Maintaining MARCit! records - updates and deletes
MARCit! Records - Bibs

- MARCit! bibliographic records
  - 035 with "(Mrcit)" prefix and SFX ID
    - Ex. (Mrcit)991042728172992
    - Indexed in All numbers browse
    - CCL search for nnn=
  - 61,200 MARCIt! bib. records currently
    - 15,600 are CONSER records
Example: MARCIt! CONSER Bib
Example: MARCIt! Brief Bib
MARCit! records - Holdings

- MARCit! holdings records
  - 035 with “(Mrcit)” prefix and SFX ID
    - Ex. (Mrcit)991042728172992
    - Protected field
  - CCL search in HVD60, knn=
    - 852 $$b NET $$c MRCIT
    - 856 field with ejournal URN
    - 81,300 MARCit! holdings currently
Example: MARCIt! holdings record
MARCit! Load - Objectives

- Add records for new ejournals to Aleph
  - Single record policy
    - MARCit! profile prefers print records
    - If MARCit! record matches in Aleph, create linked MARCit! holding
  - **NO** changes to Harvard cataloging
    - Aleph bib. record always preferred
    - Aleph bib. records never modified
    - MARCit! record retained if no match in Aleph


MARCit! Load - Objectives

- Maintain MARCit! records in Aleph
  - In sync with SFX
    - When coverage or provider changes in SFX – update MARCit! holdings
    - When deactivated in SFX - delete MARCit! holding and evaluate MARCit! bib. for deletion
  - Identify errors during load, and report to Database Management
MARCit! Load – New Records

- New = new ejournal activation in SFX
- LDR/05 = n
- Matched to Aleph bib. records by:
  - Title (245 $a, $n, $p) + OCLC no. (035 $a)
  - Title (245 $a, $n, $p) + ISSN (022 $a)
  - No match to SUPPRESSED
MARCit! Load – Matching New

- New MARCit! Records
- Matching Criteria
- MARCit! match to 1 Aleph record
- MARCit! match to 0 Aleph records
- MARCit! match to 1+ Aleph records
MARCit! Load – Matching New

1 Match in Aleph
- Create MARCit! holding on Aleph bib
- Aleph bib is never replaced or updated by MARCit!

0 Matches in Aleph
- Load MARCit! bib and holding
- MARCit! bib retains SFX ID in 035 field
MARCit! Load – Matching New

- 1+ Matches in Aleph
  - Load MARCit! bib and holding
  - MARCit! bib retains SFX ID in 035 field
  - Reported to Database Management
    - Harvard cataloging preferred
    - MARCit! holdings moved, MARCit! bib DELETED
    - If needed, SFX is updated
MARCit! Load – Updated Records

- Updated = updated in SFX, change to ejournal coverage or provider
- LDR/05 = c
- Match on SFX ID only
  - Matching MARCIt! holding is updated
  - Matching MARCIt! bib is updated
MARCit! Load – Matching Updates

Updated MARCit! Records

Match on SFX ID in HVD60

Update MARCit! Holding

Match on SFX ID in HVD01

Update MARCit! Bib
MARCit! Load – Deleted Records

- Deleted = ejournal deactivated in SFX
- LDR/05 = d
- Match on SFX ID in HVD60
  - Matching MARCit! holding is deleted
- Use LKR to identify linked bibs.
MARCit! Load – Deleted Records

- Evaluate each bib. for deletion:
  - DELETED *if* no remaining holdings, and no linked items, orders or subscriptions
  - SUPPRESSED *if* all holdings are suppressed
  - Otherwise, no change to bib record
Questions?
MARCIT! FAQ

ANSWERS TO FREQUENTLY ASKED QUESTIONS ABOUT MARCIT!
Q5: Why didn’t the MARCIt! record match to my record in Aleph?

- Match = MARCIt! bib discarded
  - same title + same ISSN
  OR
  - same title + same OCLC #
- Existing Aleph record always preferred
Q5: Why didn’t the MARCIt! record match to my record in Aleph? (cont.)

Matching problems = MARCIt! bib loaded as a new record in Aleph

- Aleph record is suppressed
- Duplicate records already in Aleph
- Different or absent ISSN
- Misspellings/typos
- Multiple parts: parent title only
Q5: MARCIt! mismatch
Q5: MARCIt! mismatch
Q5: MARCIt! mismatch
Q6: MARCit! added a duplicate record in Aleph, what should I do?

1. MARCit! record is preferred
   - Move library’s holdings, items, orders to MARCit! bib
   - Remove SFX ID from bib
     - Ex: (Mrcit)2320000000016493
     - Otherwise record might be overlaid by MARCit!
     - Preserve bibliographic information
Q6: MARCIt! added a duplicate record in Aleph, what should I do? (cont.)

2. MARCIt! record is **not** preferred
   - Do not copy, move, suppress, or delete MARCIt! holdings or bibs
     - SFX KB needs updating
     - MARCIt! automated process will update records in Aleph
   - Report to DBM
Q7: Is it okay to copy, move, suppress, or delete MARCit! holdings?

- Do not copy, move, suppress, or delete MARCit! holdings
  - SFX KB needs updating
  - MARCit! automated process will update records in Aleph
- Report to DBM
Q8: What should be done when a journal ceases publication in print and is only available in electronic format?

- Special interim policy: may duplicate MARCit! holdings
  - Add NET GEN holding with same MARCit! URN

See: [Handling MARCit Processing Difficulty When Print Serial is Continued by Electronic Version on the Aleph Documentation Center](#)
Q9: Why wasn’t my provisional record updated by MARCIt!?

- Records that do not match to an existing record in Aleph are brought in as new, and contain a SFX ID.

- MARCIt! process only updates bib records containing SFX ID.
  - Ex: (Mrcit)2320000000016493

- Existing record in Aleph is always preferred.
  - No SFX ID added to existing bib.
Q10: Does MARCit! update any bibliographic records?

- MARCit! process only updates bib records containing SFX ID
  - Ex: (Mrcit)23200000000016493
  - SFX ID is on records brought in as new
    - Wrong bib will not be updated because match for updates is on unique identifier: SFX ID
Q11: Can I update MARCit! bibliographic records?

- Yes!
  - Remove SFX ID
    - Ex: (Mrcit)2320000000016493
    - Otherwise record might be overlaid by MARCit!
    - Preserve bibliographic information
  - Submit serial record changes to CONSER
Q12: There is a CONSER-level record in OCLC, why didn’t MARCIt! bring it into Aleph?

- Incorrect information in SFX KB
  - ISSN, misspellings
- Changes to SFX KB trigger updates in Aleph
  - IF SFX is updated > brief record rematches in Ex Libris MARCIt! DB > updated MARC record loaded in Aleph
- Publishers, vendors, e-resources staff supply SFX KB with updates
  - E-Journal Submission Form (JIT) to the OIS E-resources Team
Q13: What if an ejournal title changes and the MARCIt! holding is on the previous title?

- **Goal**: all records for a title are represented in Aleph, with corresponding MARCIt! holdings on each record

- E-Journal Submission Form (JIT) to the OIS E-resources Team
  - Activate title/holdings
  - Request to Ex Libris to add title
Q14: What if access to previous titles is available through the MARCIt! URN, but Aleph only has a bibliographic record for the most recent title?

- Inconsistencies in coverage dates provided vs. publication dates on records usually come from publishers and vendors
- Goal: all records for a title are represented in Aleph, with corresponding MARCIt! holdings on each record
Q14: What if access to previous titles is available through the MARCIt! URN, but Aleph only has a bibliographic record for the most recent title? (cont.)

- E-Journal Submission Form (JIT) to the OIS E-resources Team
  - Activate title/holdings
  - Request to Ex Libris to add title
Q15: If a title is withdrawn in either Verde or SFX, will the bibliographic record for the title be suppressed or deleted in Aleph?

Yes

1. Withdrawal of title in Verde triggers deactivation in SFX KB
2. Record with ‘deleted’ status is delivered for loading in Aleph
3. MARCIt! holding is deleted in Aleph by MARCIt! load
4. Bib record is suppressed or deleted in Aleph, if appropriate, by MARCIt! load
Q16: Should broken links in MARCit! holdings be reported?

- Report to DBM
  - MARCit! load once/week
  - Investigated by SFX
Q17: Will MARCIt! still update the holding if I remove the MARCIt! 035 from the bib?

- Yes
  - Updates to holdings are dependent on SFX ID in **holding**
    - If holding not deleted or suppressed
Q18: My bib record has a NET GEN holding and a MARCit! holding, should I delete one?

- NET GEN holdings are locally maintained
- Problems? Contact:
  - library in H09 field
  - DBM
- To request access to free ejournal
  - E-Journal Submission Form (JIT) to the OIS E-resources Team
Resources

- Triggers
  http://hul.harvard.edu/ois/systems/aleph/docs/triggers.pdf

- Footprints/Aleph Support Center
  http://hul.harvard.edu/ois/support/support-aleph.html

- E-Journal Submission Form (JIT)
  E-Resources Management & Licensing iSite
  Send to eresources@hulmail.harvard.edu

- CONSER Office
  Steven Riel, Head of CONSER:
  riel@fas.harvard.edu
Questions?