Localizing Open Access Articles in PubMed

Stacey Knight-Davis, Eastern Illinois University

Available at: https://works.bepress.com/stacey_knight-davis/4/
PubMed and Open Access

Fun with SFX

Stacey Knight-Davis
Eastern Illinois University
PubMed - What it is, What it does

- 21 million citations for biomedical literature from MEDLINE, life science journals, and online books.

- Several methods to provide links to full text
Institutional open access funds: now is the time.

Economur C, Holm AC

Library, University of California Berkeley, Berkeley, California, United States of America.

Abstract

To date, the Berkeley OA fund has ensured that 43 articles are free to be read immediately upon publication and 44 additional articles are now in the pipeline. The full scope of OA publishing during this period was significantly larger, at least by a factor of four. The OA fund allocation will continue to be carefully managed over the coming years. We are tracking our potential liability, assuming the OA landscape grows with additional publishers and OA options. The amount predicted is necessary to maintain the fund based on the initial 18-month uptake data is US$6.5 million. This is less than 1% of the US$62 million the library invests in subscribing to closed-access digital journals. We are paying attention in particular to the attempts by the California Digital Library, which negotiates major journal publisher licenses on behalf of the UC campuses, to include terms within the licenses that enable UC authors to take advantage of publishers' hybrid OA options [16]. And it comes with far less of the myriad overhead costs associated with these closed-access subscriptions because that subscription price doesn't tell the full story of the actual cost of maintaining the subscription. These subscriptions involve staff-intensive license negotiations. Institutions develop and maintain systems architectures in order to ensure that only authorized users have access and respond to challenges from publishers of the content when actual or potential breaches of the licenses are identified. Publishers invest hugely in monitoring use of their content in order to ensure the license terms are not breached and are quite willing to contact the institutional subscriber when any untoward activity appears on their logs. They must, in certain instances, maintain the confidentiality of certain clauses in the licenses and increasingly respond to freedom of information, public access act requests related to the investments of public resources in those contracts. The need to experiment is particularly heightened during this economic crisis when investments in subscriptions are increasingly difficult to justify, particularly given the alternate forms of open access to content and decreasing ability for libraries to reliably distinguish OA and non-OA content within the journal. We believe that institutions (and the sub-institutional units that manage collection funds) should be open to exploring alternative funding models for scholarly communication. Institutions should highly value funding models that promote universal access to their research output. And during an economic crisis, these institutions should question the extensive financial and human resource investments required by the subscription model, a model that both excludes unauthorized users and entails large-scale and complex licensing and legal obligations. The time is now for broad-scale adoption of institutional OA funds.

PMID: 20202845 [PubMed - indexed for MEDLINE]  PMCID: PMC2876245  Free PMC Article
Institutional open access funds: now is the time.

Eckman CA, Wall BF

Lawrence, University of California Berkeley, Berkeley, California, United States of America.

Abstract

To date, the Berkeley OA fund has ensured that 43 articles are free to be read immediately upon publication and 44 additional articles are now in the pipeline. The full scope of OA publishing during this period was significantly larger, at least by a factor of four. The OA fund allocation will continue to be carefully managed over the coming years. We are tracking our potential liability assuming the OA landscape grows with additional publishers and OA options. The amount predicted so necessary to maintain the fund based on the initial 18-month uptake data is US$16,000. This is less than 1% of the US$6.2 million the library invests in subscribing to closed-access digital journals. We are paying attention in particular to the attempts by the California Digital Library, which negotiates major journal publisher licenses on behalf of the UC campuses, to include terms within the licenses that enable UC authors to take advantage of publishers' hybrid OA options [10]. And it comes with far less of the myriad overhead costs associated with these closed-access subscriptions because that subscription price doesn't tell the full story of the actual cost of maintaining the subscription. These subscriptions involve start-up royalty license negotiations. Institutions develop and maintain systems architectures in order to ensure that only authorized users have access and respond to challenges from publishers of the content when actual or potential breaches of the license are identified (publishers insist hugely in monitoring use of their content in order to ensure the license terms are not breached and are quite willing to contact the institutional subscriber when any untoward activity appears on their logs). They must, in certain instances, maintain the confidentiality of certain clauses in the licenses and increasingly report to freedom of information, public records act requests related to the inputs of public resources in those contracts. The need to experiment in particular heightened during this economic crisis when investments in subscriptions are increasingly difficult to justify, particularly given the alternate forms of open access to content and decreasing ability for libraries to reliably distinguish OA and non-OA content within the journal. We believe that institutions (and the sub-institutional units that manage collection funds) should be open to exploring alternative funding models for scholarly communication. Institutions should highly value finding models that promote universal access to their research output. And during an economic crisis, these institutions should question the extensive financial and human resource investments required by the subscription model, a model that both excludes unauthorized users and entails large-scale and complex licensing and legal obligations. The time is now for broad-scale adoption of institutional OA funds.

PMID: 20626845 [PubMed - indexed for MEDLINE] | PMCID: PMC2876845

Free PMC Article

MeSH Terms

LinkOut - more resources
How It’s done

1. Open Access journals added to SFX
2. Holdings exported from SFX
3. Holdings Uploaded to PubMed
1. Adding to SFX

List of Targets

Add New Target
Delete | Activate | Deactivate

Available: 2 targets
Database: stxieu

Filter Target List: pubmed

NCBI_PUBMED_FREE to PUBMED_CENTRAL

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<th>Threshold</th>
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</table>
2. Export in 1 click

Welcome to Export Tool

Basic Export Queries  Advanced Export Queries  Advanced Export Profiles

Query Selection

Use an Export Profile:
1. Choose a profile:
   LinkOut  Manage Profiles

2. Use the following additional export file (optional):
   Browse...

3. Compare with previous export file (for XML "compare" export only):
   Submit
3. Upload to PubMed
Done!

- You’ve just localized PubMed!

  But wait, there’s more…
Taking it to the next level

- There is some full text available that SFX won’t pick up
- Custom URL for PubMed
Fun with URLs (let’s get geeky)


Breaking it Down

- **eiublib** – Use EIU icons and holdings records
- **fft** – Apply full text links to free articles
- **ndi** – Suppress publisher icons

fft – Expanding offerings

Via SFX

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<th>Yearly (only the current year and previous year):</th>
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<th>2010</th>
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<tr>
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<td>1556</td>
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Via fft

**Access to Full-text Links**

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<th>2010</th>
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<td>Total:</td>
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## SFX Activity

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</tbody>
</table>
Once more with Pictures

21% Free or Open
So what was the rest of that?

- `&otool=eiublib` adds SFX default icon to all records
- `myncbishare=eiublib` creates “Available at EIU” filter
Take home points

- Customizing PubMed makes open and free content easier for students to recognize.
- Branding free and open content adds it to the library’s collection.
- It’s easier than it looks.
Managing LinkOut with the SFX Link Resolver

PubMed+LinkOut + SFX = Additional features, library branding of open access materials

**Institutional open access funds: now is the time.**

Kelman CD, Waddell G.
Library, University of California Berkeley, Berkeley, CA.

**Abstract**

To date, the Berkeley OA fund has ensured that 450,000 full-text articles are available upon publication and 44 additional articles are now being added each month. The current OA publishing during this period was significantly larger, with an allocation of $30 million, which will continue to be carefully managed and leveraged for greater impact. The amount predicted is necessary to maintain data integrity in the OA world. This is less than 1% of the cost of closed access digital journals. We are paying a premium to the California Digital Library, which negotiates major OA packages to include terms within the licenses that allow us to access the publisher's OA options. And it comes with a commitment to OA funds, ensuring that all institutions have access to the full story of the actual cost of maintaining the OA model. This is an excellent opportunity for researchers to work with publishers to support OA while ensuring that the financial model is sustainable. We are committed to supporting OA and are working with publishers to ensure that our OA funds are used effectively. OA funds are vital to maintaining the OA model and ensuring that OA is available to all researchers.

**Find it @ EIU**

Title: Institutional open access funds: now is the time.
Source: PLoS Biology [1544-9173] Ekdman et al. 2010 vol 8 issue 5 pg e1000375

- Full text available via Academic Search Complete
- Full text available via Directory of Open Access Journals
- Full text available via PubMed Central
- Full text available via PubMed Central Open Access
- Booth Library owns some issues of this publication. Check the EIU Online Catalog

**Filter uses SFX full text holdings. Activated from shared MyNCBI account**

**Default SFX icon on all citations with Outside Tool**
Linkout Help File available at:
http://www.ncbi.nlm.nih.gov/books/NBK3808/

Additional Information:

PubMed and Open URL based Services
Link Resolvers use “Open URL,” a special standardized web address, to transfer information. This FAQ provides more information on how PubMed can use link resolvers that work with Open URL.

PubMed and Open URL based Services

Animated tutorial on Open URL Link Resolvers and LinkOut

Questions?

For questions about Eastern Illinois University’s implementation of SFX, Outside Tool, LinkOut Local, or the MyNCBI shared filter tab contact Stacey Knight-Davis at slknight@eiu.edu

For questions on implementing any of these services at your institution, contact lib-linkout@ncbi.nlm.nih.gov.
Adding a library icon to open access journals in PubMed

PubMed and SFX can be used together to provide a library-branded gateway to open access content.

The example below shows the Booth Library full text icon and the EIU SFX menu. The article is also marked as a Free PMC article in the citation.

The same citation without branding.
How It’s Done:

This setup requires coordination between SFX and PubMed. At EIU, holdings are exported from SFX and submitted to PubMed monthly. Also, open access and free content providers are active targets in SFX.

The URL

By default, the link to access PubMed is:


The full URL used to access PubMed is as follows:


What the extra stuff does:

? activates the rest of the modifiers in the URL

Holding=eiublib activates EIU’s holdings - applies full text icon to citations with full text

_fft applies EIU icons to free and open content

_ndi suppresses publisher icons

&otool=eiublib applies default SFX icon to all citations - used for interlibrary loan

&myncbishare=eiublib uses EIU’s shared MyNCBI account, activates the Available @ EIU filter