mPach: Publishing directly in HathiTrust

Kevin Hawkins (@KevinSHawkins) and Jeremy Morse (@JeremyGMorse)

MPublishing (@M_Publishing)
University of Michigan Library
Making of America Journals

Making of America (MOA) is a digital library of primary sources in American social history primarily from the antebellum period through reconstruction. The collection is particularly strong in the subject areas of education, psychology, American history, sociology, religion, and science and technology. The book collection currently contains approximately 8,500 books with 19th century imprints. For more details about the project, see About MoA.

Making of America is made possible by a grant from the Andrew W. Mellon Foundation.

Search Journals:  

- Browse MoA Journals  - Other Searches in MoA

Current online journal holdings:

Pages: 277,603
Journal issues: 2,457

MoA Books Home | Search MoA Books & Journals | UMDL Texts Home

Powered by DLXS
To comment or inquire about content, contact moa-feedback@umich.edu
To report errors, contact UMDL Help
Contents

Front Matter
Advertisements
Yom Kippur Eve In A Jewish Home Before Going To Schul.
Advertisements
Zionism.
Sonneschein, Rosa; pp. 5-9
A Vision of Jerusalem
inspired
formed the basis of
Refurbishing the Camelot of Scholarship: How to Improve the Digital Contribution of the PDF Research Article

John Willinsky, Alex Garnett, and Angela Pan Wong

The Portable Document Format (PDF) has become the standard and preferred form for the digital edition of scholarly journal articles. Originally created as a solution to the need to “view and print anywhere,” this technology has steadily evolved since the 1990s. However, its current use among scholarly publishers has been largely restricted to making research articles print-ready, and this greatly limits the potential capacity of the PDF research article to form a greater part of a digital knowledge ecology. While this article considers historical issues of design and format in scholarly publishing, it also takes a very practical approach, providing demonstrations and examples to assist publishers and scholars in finding greater scholarly value in the way the PDF is used for journal articles. This involves but is not limited to graphic design and bibliographic linking, the deployment of metadata and research data, and the ability to combine elements of improved machine and human readability.

Social Media: New Editing Tools or Weapons of Mass Distraction?

Agata Mrva-Montoya

Despite the exponential rise of social media use in the publishing industry, very
## Browse by Issue

[Browse by Issue] > Volume 15 > Issue 1 (Summer 2012)

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Editor’s Note [15.1]</td>
<td>Welzenbach, Rebecca; Kimball, Shana</td>
</tr>
<tr>
<td>Refurbishing the Camelot of Scholarship: How to Improve the Digital Contribution of the PDF Research Article</td>
<td>Willinsky, John; Garnett, Alex; Pan Wong, Angela</td>
</tr>
<tr>
<td>Publisher-Library Partnership for Accessibility: A Case Study of Scholarly Publishing for Public Audiences</td>
<td>Anderson-Wilk, Mark; Kunda, Sue</td>
</tr>
<tr>
<td>Review of Uncreative Writing: Managing Language in the Digital Age by Kenneth Goldsmith</td>
<td>Chesley, Amelia</td>
</tr>
</tbody>
</table>
NISO Z39.96 The Journal Article Tag Suite (JATS): What Happened to the NLM DTDs?

Jeffrey Beck

Volume 14, Issue 1, Summer 2011
DOI: http://dx.doi.org/10.3998/jepl.14.1.05
Permissions

Abstract

In creating PubMed Central (PMC), the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM) needed a common format, with a single Document Type Definition (DTD), for all content in PMC. The first version of the NLM DTD was made available to the public in early 2003, and it quickly became the de facto standard for tagging journal articles in XML even outside the NLM. As usage grew, users and potential users started asking about formalizing the article models as a standard with the National Information Standards Organization (NISO).

Work on the NISO standard began in late 2009, and the Journal Article Tag Suite was released as a Draft Standard for Trial Use as NISO Z39.96 in March 2011.

A Short History of the NLM DTD Project

PubMed Central and the pmc-1.dtd

PMC is the NLM’s digital library of full-text life sciences journal literature. Currently it holds over 2 million articles from more than 250 publishers. Although PMC is also used to store articles based on research funded with NIH grants as part of the NIH Public Access project, the original intent of the project was to take full-text article submissions from publishers and make them available through the database. The only technical requirement at the time was that the publisher had to supply the articles in some SGML or XML format and include all images so that the articles could be displayed at PMC.

In early PMC (see Figure 1), the SGML or XML content was loaded into a database and then it was rendered into HTML from the web pages.
Opportunities

• HathiTrust
  – offers a better infrastructure for development than DLXS
  – is certified by Trustworthy Repositories Audit & Certification (TRAC)

• There’s growing interest among institutions in building a shared infrastructure for publishing.
mPach: what are we creating?

- modular platform
- tightly coupled with the HathiTrust repository
- for open-access journals
- all you need to publish and preserve an OA journal
- will integrate with Open Journal Systems (OJS)
Not just for us!

Just as the DLXS and HathiTrust infrastructures were originally designed to meet needs at Michigan but later made available to other institutions, we plan to do the same with the mPach tool set.
Timeline

Now: Normalization of articles to JATS
Soon: Ingest of articles into HathiTrust repository

Longer term:
1. MPublishing staff use it.
2. MPublishing journal editors use it directly.
3. You use it too!
And now, a demo ...
Submission Information Package (SIP)

mPach Prepper

1. Upload
2. Conversion review
3. Previewer
4. PackageBuilder

AuthNZ Journal Management

5. Submitter

METS
MARC
JATS

HathiTrust

Preservation and Access

Archival Object
Journal/Article Context
Search & retrieval at repository, journal, and article levels.
Fully Rendered Display
Data API

object ID
Submission Information Package (SIP)

- ZIP archive
  - METS
  - JATS

- Assets
  - Embedded
    - JP2
    - MP3
    - MOV

- Supplemental
  - PDF
  - TAR
Prepper Demo
Color variability and body size of larvae of two *Epomiss* species (Coleoptera, Carabidae) in Israel, with a key to the larval stages

Gil Wizen
Avial Gasith

Abstract

Species identification using the characteristics of developmental stages is challenging. However, for insect taxonomy the coloration of larval stages can be an informative feature. The use of live specimens is recommended for this because the color fades in preserved specimens. In this study we examine the possibility of using variation in coloration and color pattern of larvae in order to distinguish between two ground beetles species *Epomis dejani* (Dejean, 1831) and *Epomis circumscrinus* (Duftschmid).
For more information

http://www.lib.umich.edu/mpach