Seize The E!: The Eclectic Journal and Its Ramifications

Gerry McKiernan
Iowa State University Library
Ames, Iowa

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NASIG 2002

Transforming Serials: The Revolution Continues

June 22 2002

College of William and Mary

Williamsburg, Virginia

THANK YOU!

Sherry Sullivan, Regional Sales Manager, Swets Blackwell Inc.

NASIG 2002 Program Planning Committee

Michael Somers

DISCLAIMER

The screen prints selected for this presentation are for educational purposes and their inclusion does not constitute an endorsement of the associated product or service.

DISCLAIMER

The views and opinions expressed in this presentation are those of the presenter and do not constitute an endorsement by Iowa State University or its Library.

DEALERS OF LIGHTNING

XEROX PARC

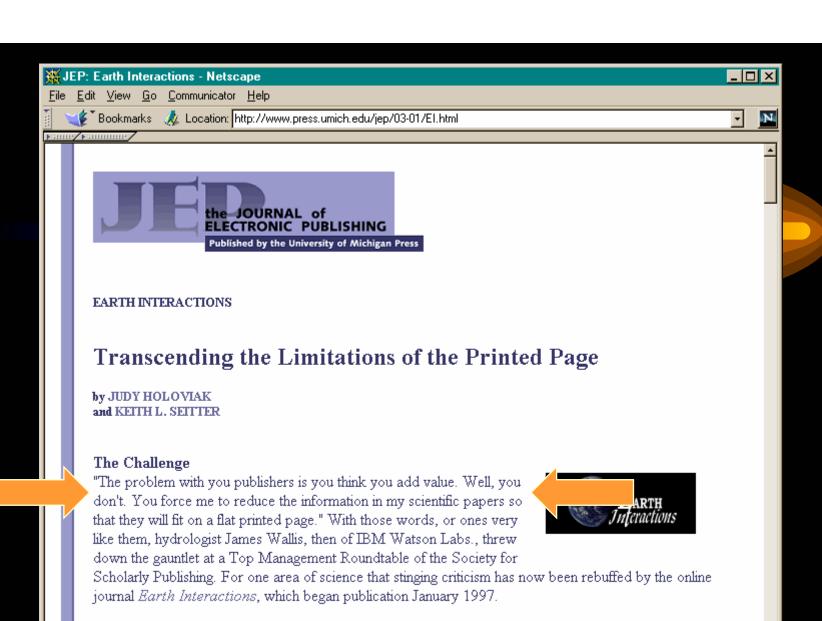
and the Dawn of

the Computer Age

MICHAEL HILTZIK

THE PROBLEM IS PAPER

Michael Hiltzik. Dealers of Lightning: Xerox PARC and the Dawn of the Computer Age. New York: HarperBusiness, c1999, p. 270.



From the first conceptual discussions, the founders of *Earth Interactions* shared a common goal: to remove the limitations of the printed page while delivering a high-quality, peer-reviewed scientific journal that permits scientists to present their results in the most useful manner possible. The subject matter of *Earth Interactions* begs for this approach. The journal serves researchers

More about El:

Featured Journals:





Document: Done



Earth Interactions http://EarthInteractions.org/

- Supports MPEG, QuickTimetm
- Allows authors to embed audio narratives
- Allows inclusion of datasets
- Supports interactive equations

M-Bed(sm): A Registry of Embedded Multimedia Electronic Journals

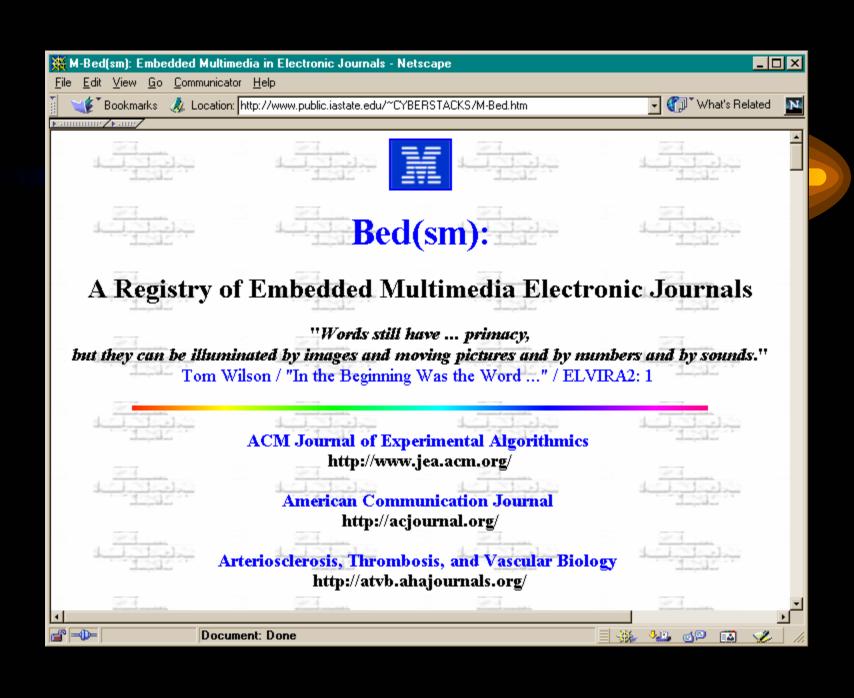
M-Bed(sm) is a registry of electronic journals that have integrated multimedia within the text of their associated articles. Common types of multimedia include audio and video files as well as two-dimensional and 3-D models, and supplemental datasets.

http://www.public.iastate.edu/~CYBERSTACKS/
M-Bed.htm

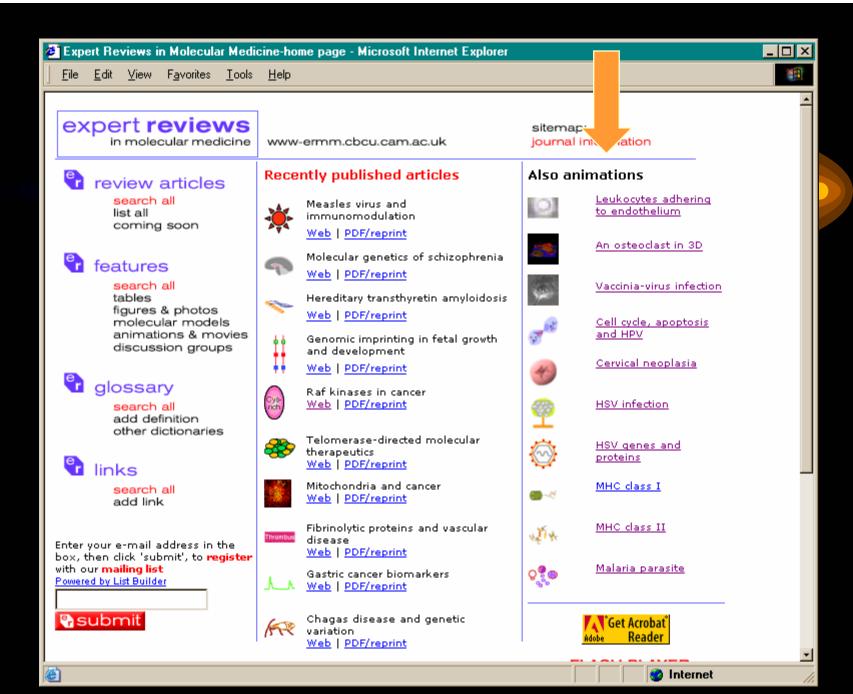
Web technologies permit us to move beyond the traditional features of the print-based paradigm to explore new ways of using e-journals.

The multimedia environment provides an opportunity to present information that by its nature could not be conveyed by the printed page.

As inherently interactive media, multimedia offers an opportunity for the reader to interpret and analyze more fully, and thereby facilitate the communication of research.



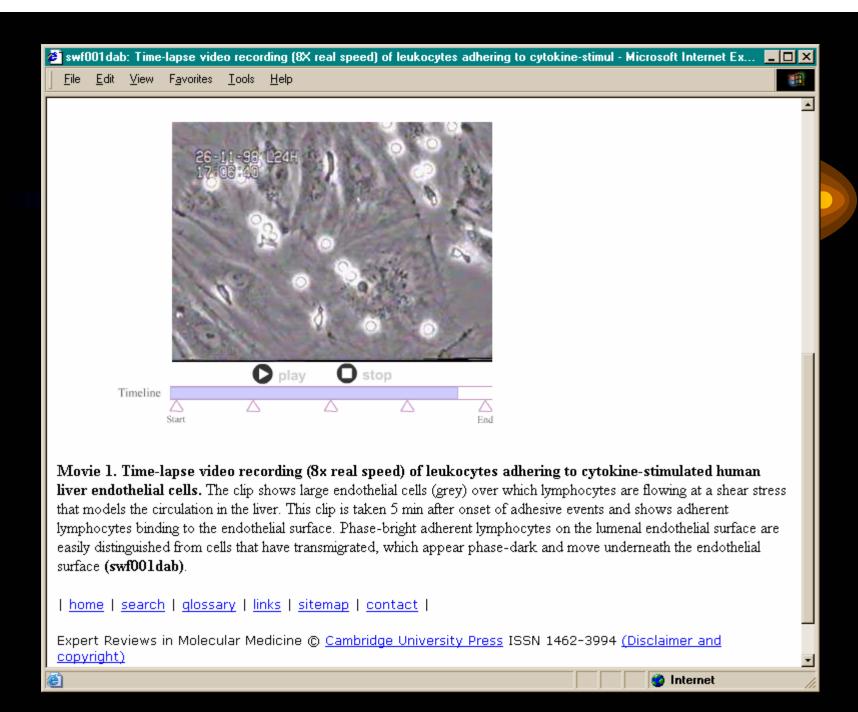
"Words still have ... primacy,
but they can be illuminated
by images and moving pictures
and by numbers and by sounds."
Tom Wilson / "In the Beginning Was the Word ..."
/ ELVIRA2: 1

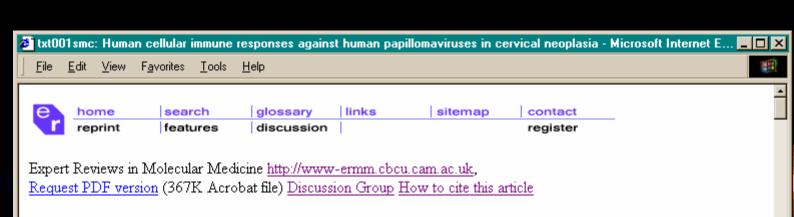




Patricia F. Lalor and David H. Adams

The liver is constantly exposed to gut-derived antigens that enter via the portal vein, and it must modulate immune responses so that harmful pathogens are cleared but necessary food antigens are ignored. The liver contains a large resident and migratory population of lymphocytes and macrophages that provide immune surveillance against foreign antigen. This population of cells can be rapidly expanded in response to infection or injury by recruiting leukocytes from the circulation, a process that is dependent on the ability of lymphocytes to recognise, bind to and migrate across the endothelial cells that line the vasculature. Lymphocytes can enter the liver at several sites: the vascular endothelium in the portal tracts (comprising the hepatic artery, portal vein and bile ductule), the sinusoids (through which the blood percolates past the hepatocytes) or the central hepatic veins (through which the blood exits). The requirements and physical conditions at each site vary and there is evidence that different combinations of adhesion proteins are involved at these different sites. This article discusses the expression and function of adhesion molecules within the liver and demonstrates how specific populations of effector lymphocytes can be selectively recruited to the liver.





Accession number: txt001smc; Accession date: 3 July 1998;

Updated: Yes, this version; Last update: 19 October 1998; Archived previous version: No; Replaced by revised version: No

[19 October 1998: Slight modification to schematic of Fig. 1 (fig004smc) to show four domains of monomeric CD4]

Human cellular immune responses against human papillomaviruses in cervical neoplasia

Abbreviations: HPV, CaCx

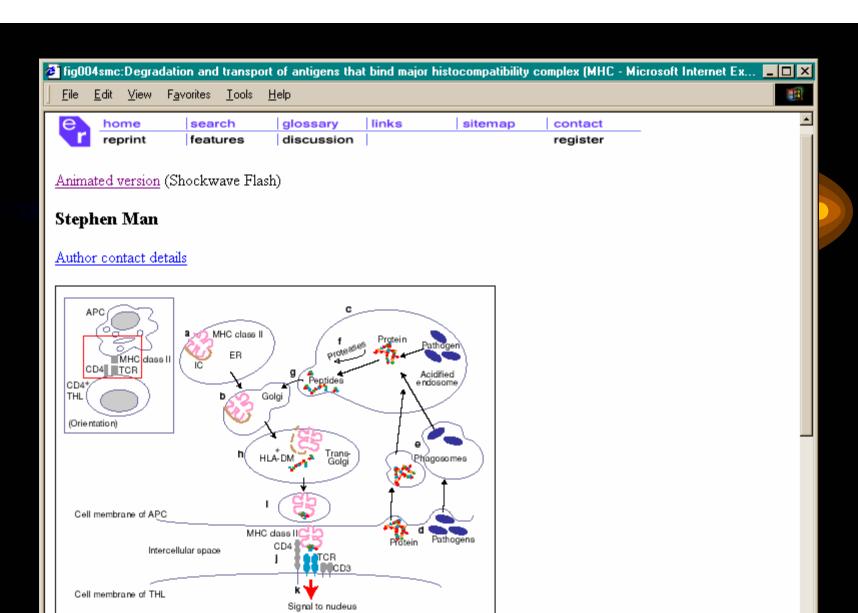
Stephen Man

Human papillomaviruses (HPVs) are ubiquitous DNA viruses that infect cutaneous and mucosal epithelia. A subset of HPVs infects the female genital tract, to induce cervical lesions that can progress to malignancy in some women. DNA from HPVs can be found in >94% of cervical carcinomas (CaCx) worldwide; this strong association suggests that it might be possible to develop either prophylaxis or therapies for cervical neoplasia, based on the manipulation of human immune responses against HPVs. This review examines the current research into human immune responses against HPVs in CaCx and the potential impact of this research on human health.

Author contact details



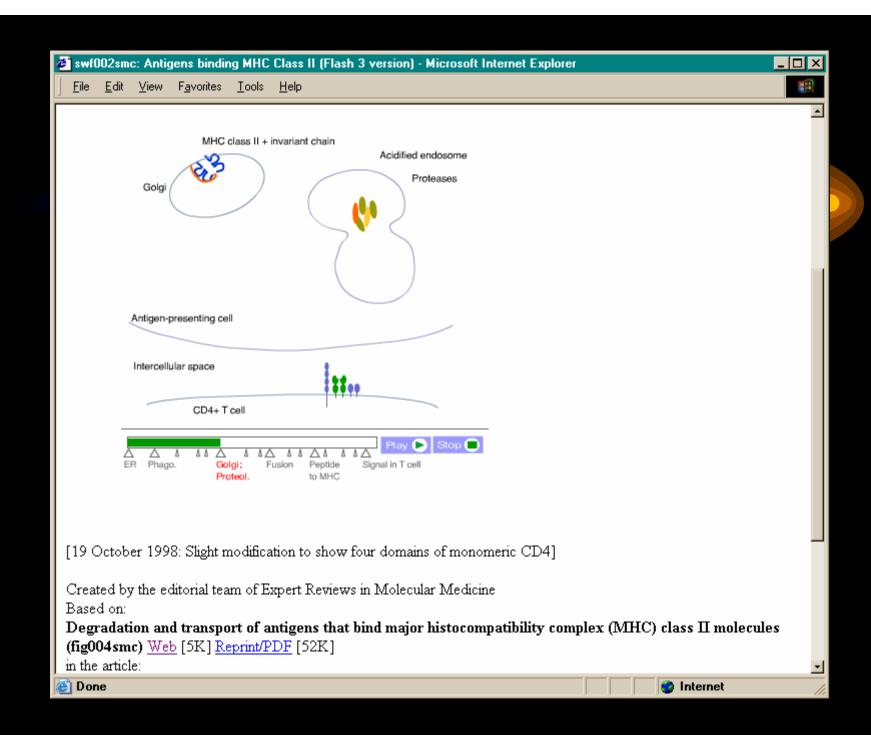


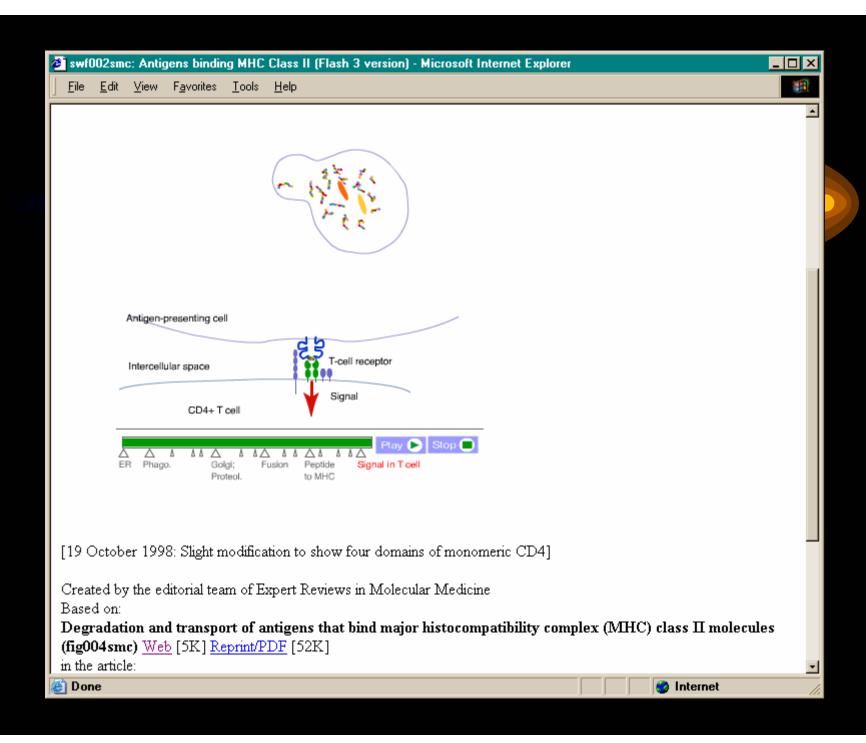


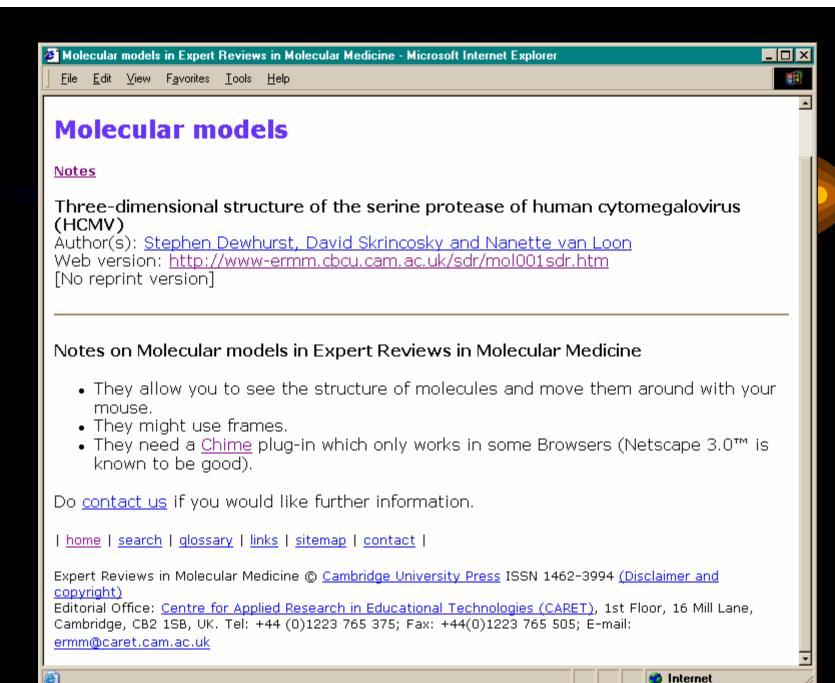
Degradation and transport of antigens that bind major histocompatibility complex (MHC) class II molecules Expert Reviews in Molecular Medicine

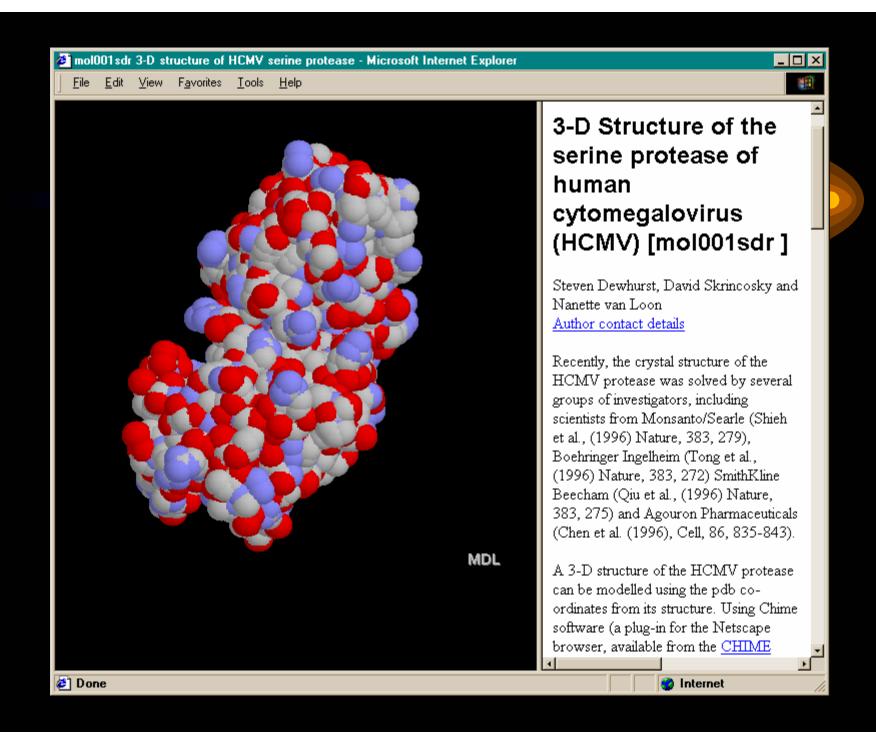


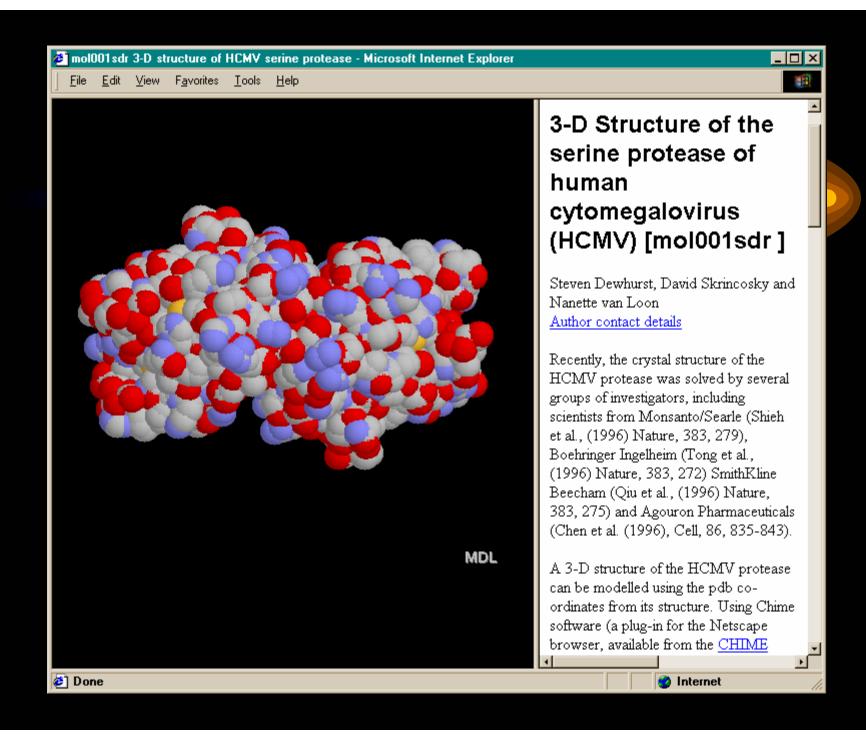


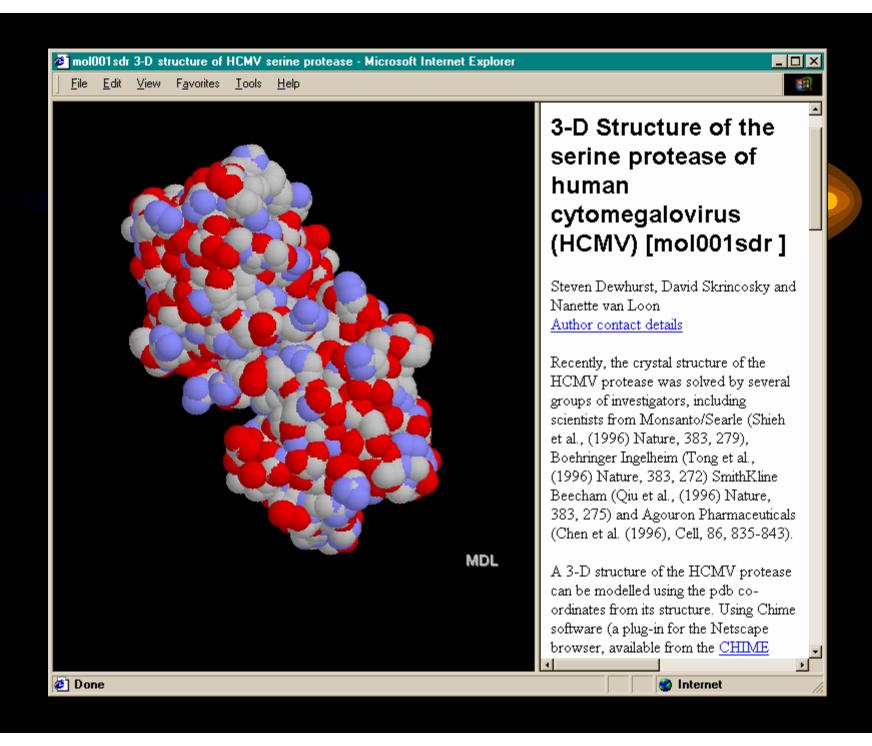


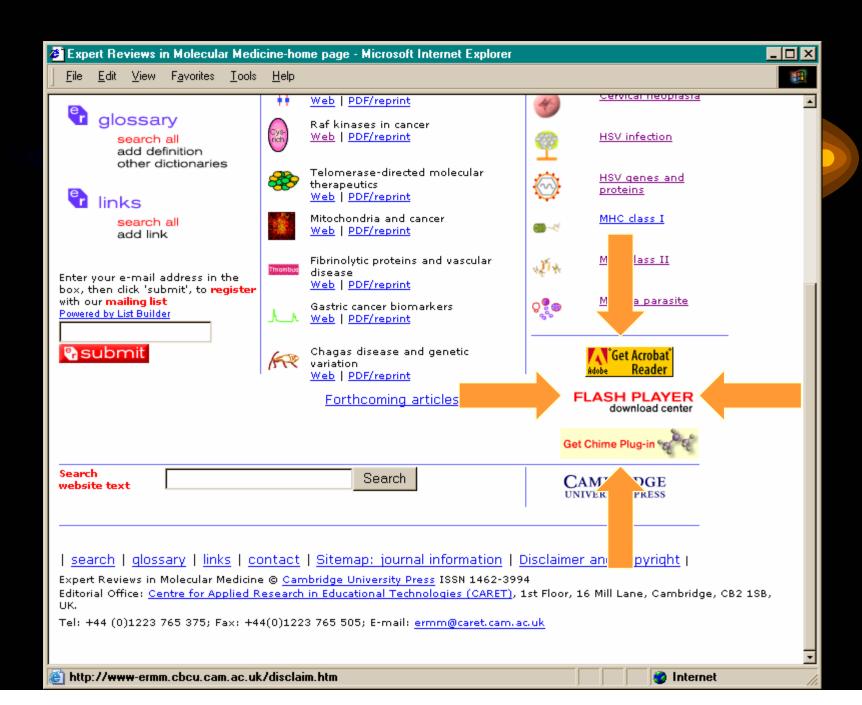


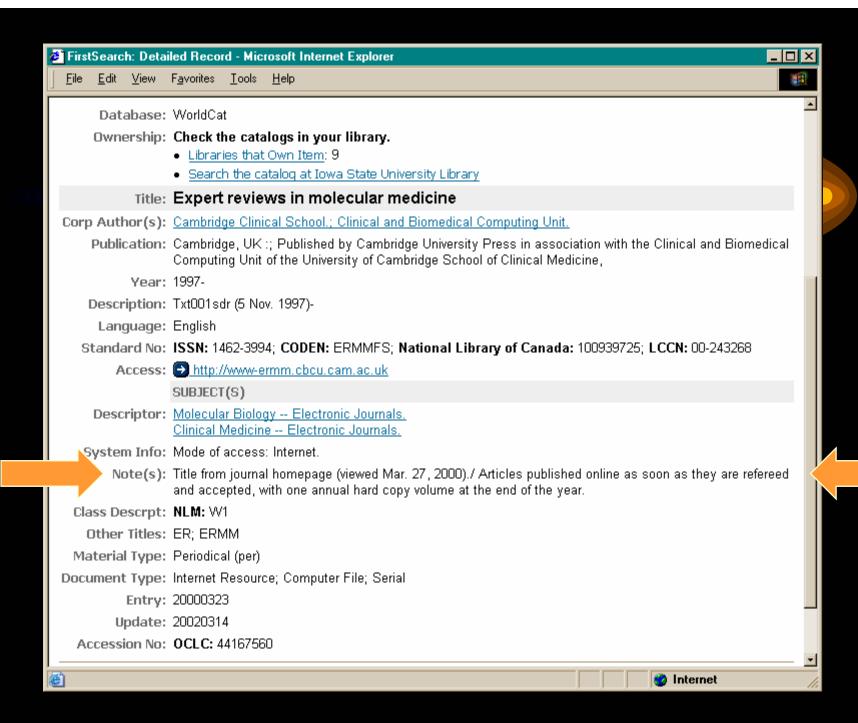












F<u>a</u>vorites

Tools

<u>H</u>elp



About IMEJ...

Interactive Multimedia Electronic Journal of Computer-Enhanced Learning

Wake Forest University

Papers describing IMEJ:

Computer-Enhanced or Computer-Enchanted? The Magic and Mischief of Learning With Computers, by Jennifer Burg and Beth Cleland, ED-MEDIA 2001, AACE, June 2001, Finland. (Published in Proceedings of EDMEDIA 2001.)

The State of the Art in Interactive Multimedia Journals for Academia, by Jennifer Burg, Yue-Ling Wong, Ching-Wan Yip, and Anne Boyle, ED-MEDIA 2000, AACE, June 2000, Montreal, Quebec, Canada. (Published in Proceedings of EDMEDIA 2000, pp. 2-7.)

Publishing an imej Journal for Computer-Enhanced Learning, by Jennifer Burg, Yue-Ling Wong, Dan Pfeifer, Anne Boyle, and Ching-Wan Yip. ED-MEDIA '99, AACE, June 1999, Seattle WA. (Published in Proceedings of EDMEDIA 1999, pp. 1737-1742.)

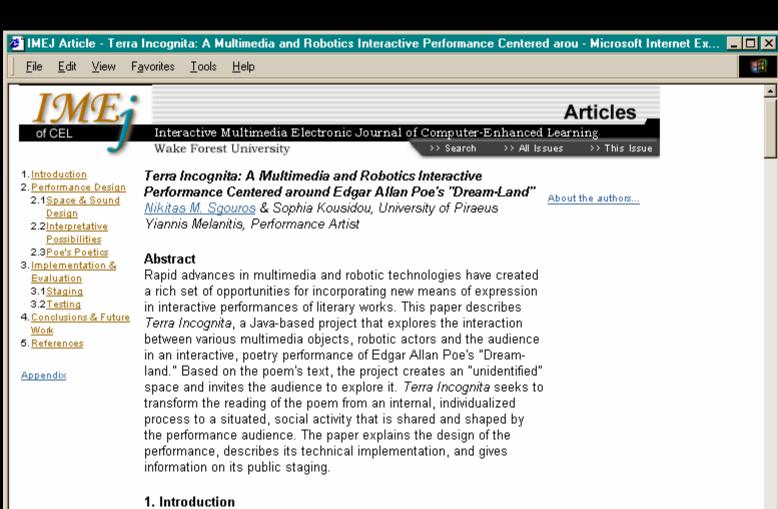
The IMEJ of Future Scholarship: A Prototype for an Interactive

IMEJ is a prototype for an interactive multimedia electronic journal edited and produced at Wake Forest University.

The goals of IMEJ are

- to provide a peer-reviewed forum for innovations in computer-enhanced learning.
- to serve as a model and testbed for an electronic journal with a high level of multimedia and interactivity, and
- . to advance the acceptance of electronic publication as a legitimate and valuable form of academic discourse.

As a leader in computer-enhanced learning, Wake Forest University is an ideal setting for the production of *IMEJ*. In the fall of 1996, Wake Forest's Project 2000. set in motion a new computer initiative which places a personal laptop computer into the hands of every student and faculty member. Dorms, offices, and classrooms have been wired with network connections. The challenge before us now is to live and learn with technology. We see our leadership role as carrying with it a certain responsibility to use the computer for the right reasons in education -- not simply because it is there, not simply because technology is "in" in these turn-of-the-millennium years -- but because the computer can sometimes, in some applications, truly enhance the learning environment. What is needed is careful objectivity and intellectual honesty about our supposed teaching innovations, imposed through a description and presentation of our new approaches, informed and tempered by peer-review. Our intention is that IMEJ help

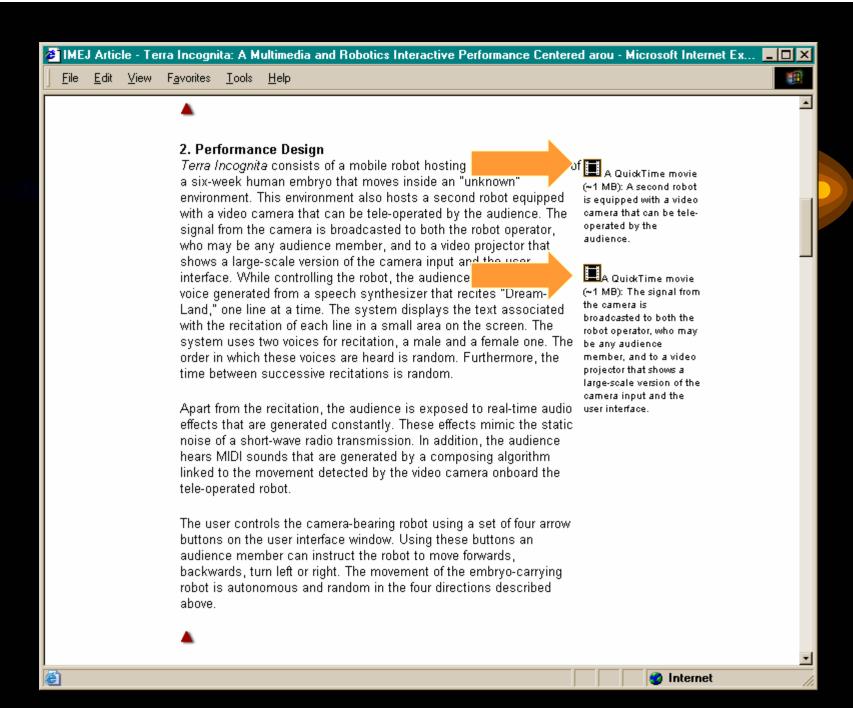


Rapid advances in multimedia systems and robotics greatly enhance the means of expression that are available in interactive performances of literary works. In particular, the use of robots in these events enables artists or educators to exploit the expressive potential of physical space and to provide an audience with novel ways of interacting with multimedia content.

While multimedia renditions of literary works have achieved significant popularity mainly through the creation of CD-ROM versions

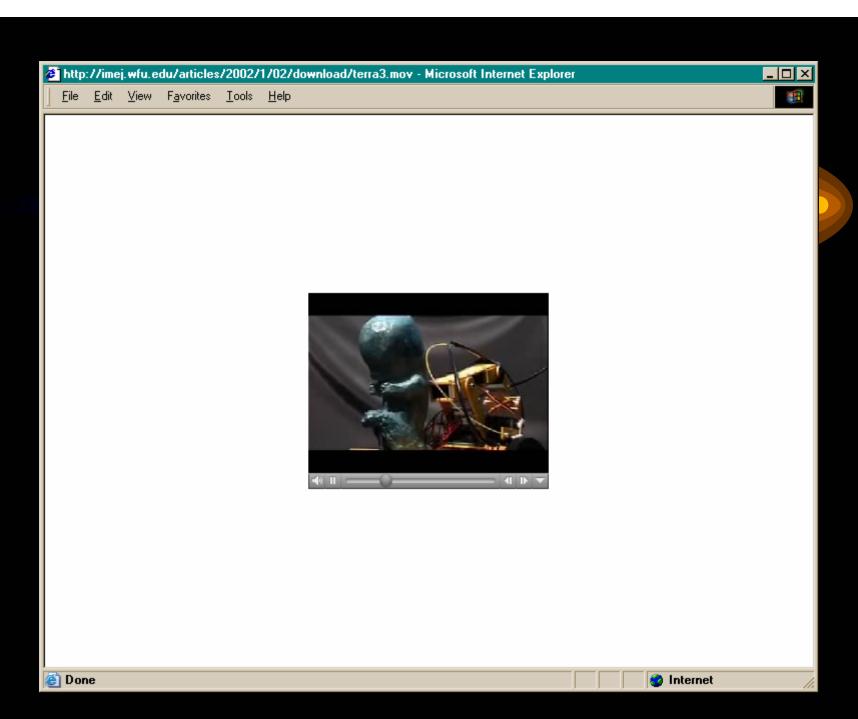


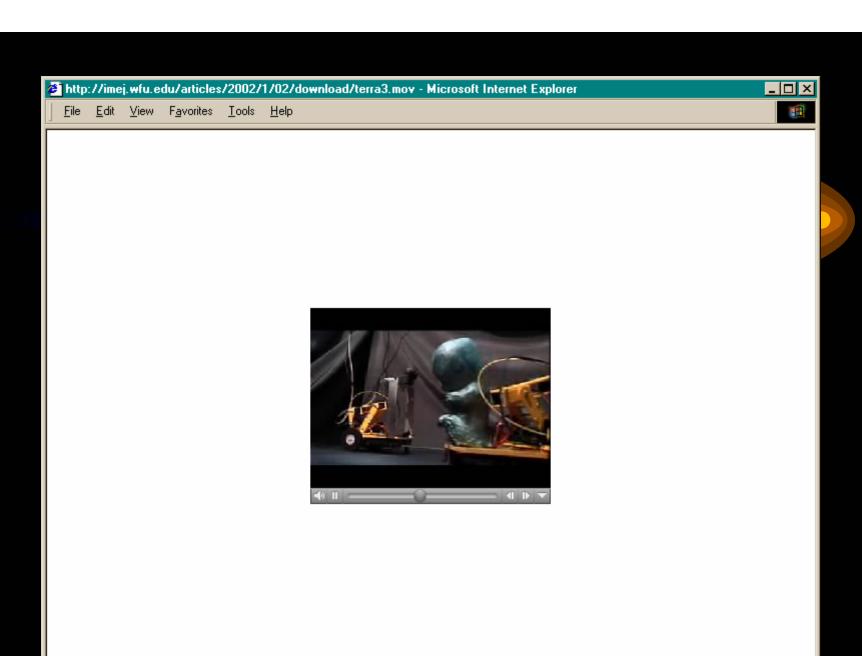


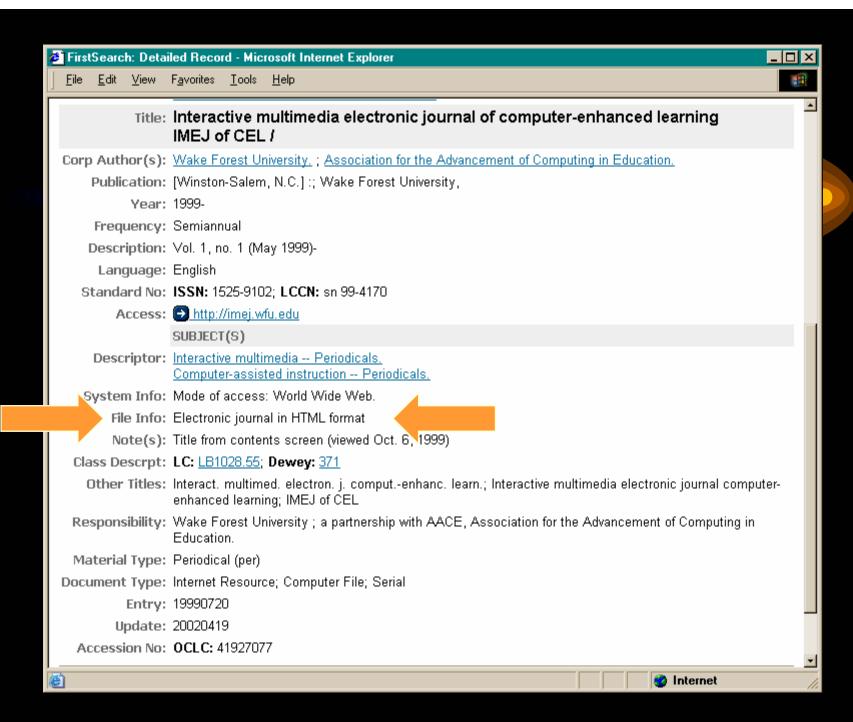
















ISSN: 1528-3844

Editor Gerald Zahavi

Associate Editor
Susan McCormick

Editorial Board

Stephen Brier Joshua Brown Carolyn Lougee Richard Hamm Mark Kornbluh Roy Rosenzweig Julian Zelizer

Founding Statement
From the Editor
Current Issue
Past Issues
Viewing Content

<u>Submissions</u> <u>Production Team</u> <u>Acknowledgments</u>



Founding Statement

From the Editor

Feature Articles

Miner's Son, Miners' Photographer: The Life and Work of George Harvan

Thomas Dublin and Melissa Doak

From Homestead to Lynch Mob: Portrayals of Black Masculinity in Oscar Micheaux's Within Our Gates Gerald R. Butters Jr.

Sonic History: The Making of Lost and Found Sound
Nikki Silva, Davia Nelson, Art Silverman, Charles Hardy III

Historically Speaking: Conversations with Historians

An Interview with Mary Beth Norton

From the Archives







<u>E</u>dit <u>V</u>iew

F<u>a</u>vorites

<u>T</u>ools





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<u>Submissions</u> **Production Team** Acknowledgments



The Journal for MultiMedia History Volume 3 ~ 2000

Miner's Son, Miners' Photographer: The Life and Work of George Harvan

Thomas Dublin and Melissa Doak

Introduction

This retrospective explores the life and work of George Harvan of Lansford, Pennsylvania, a remarkable documentary photographer. The son of a Slovak-born miner, Harvan spent over 50 years recording the work and community life of the last generation of underground miners in the anthracite region of northeastern Pennsylvania. This documentary record speaks to the resilience and dignity of men and women living hard lives in a region hit by catastrophic economic decline; it is one man's quest to record and present those times and that spirit to more than a regional audience.

Although Harvan's photographs are well-known and wellrespected locally, they have not received the broader recognition they merit. This on-line presentation uses multiple resources to bring George Harvan's work to a wider audience. Viewers and readers have three

Photo Exhibit

Oral History

Historical Essay

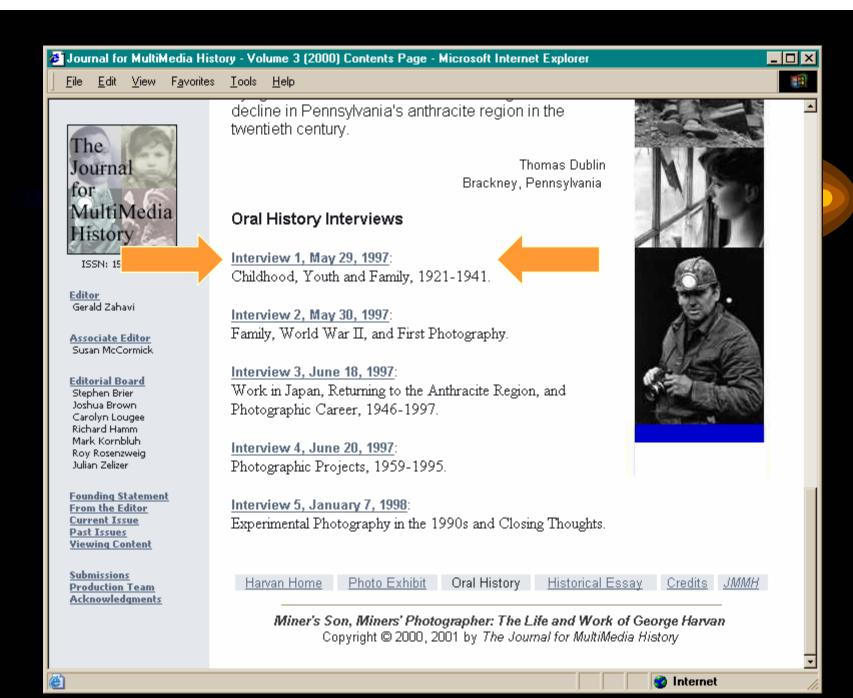
Credits













Miner's Son, Miners' Photographer: The Life and Work of George Harvan

First Interview, May 29, 1997: Childood, Youth and Family, 1921-1941

Harvan Home | Photo Exhibition | Oral History | Historical Essay | Credits Interview 1 | Interview 2 | Interview 3 | Interview 4 | Interview 5

Dublin: This is Tom Dublin and it's the twenty-ninth of May, and I'm with George Harvan at 307 West Patterson Street in Lansford, [Pennsylvania] beginning a series of interviews about his growing up, his coming to photography, and his photographic career over the years. So, George, wh don't you tell me when you were born?

Harvan: Tom, I was born on February the twenty-fifth, 1921, right here in Lansford, on East Kline Avenue. At a place called Porvaznik's, My mother and father came from Europe. They had nowhere to go, they knew about the Porvaznik family on East Kline Avenue, and they rented a place up there. In the meantime, I had three sisters—Julia, Margaret, and Rose. So I was the fourth in the family.

Dublin: You were the young one.

Harvan: At that time.







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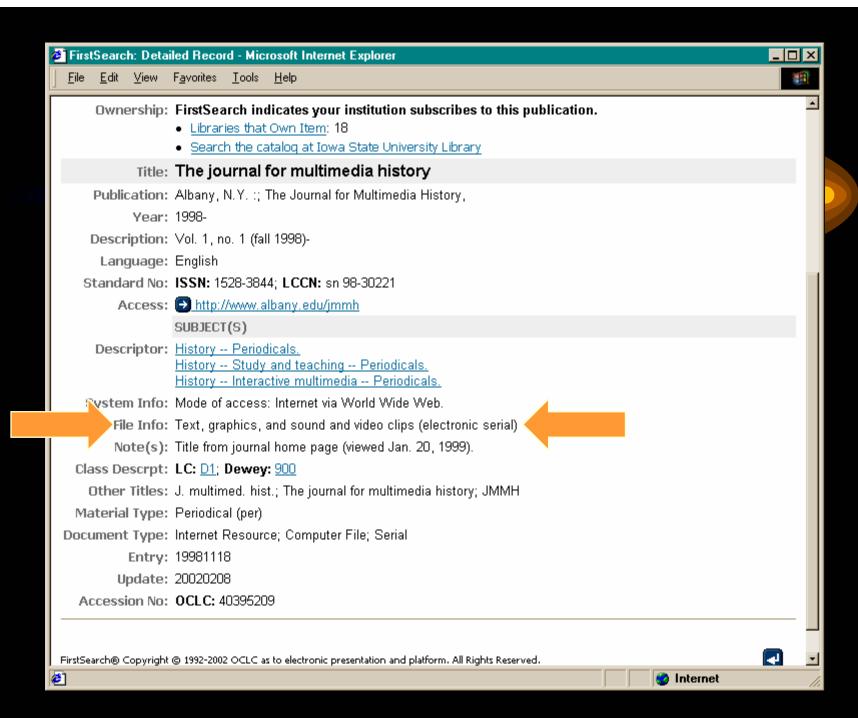
Stephen Brier Joshua Brown Carolyn Lougee Richard Hamm Mark Kornbluh Roy Rosenzweig Julian Zelizer

Founding Statement From the Editor Current Issue Past Issues Viewing Content

<u>Submissions</u> **Production Team** Acknowledgments





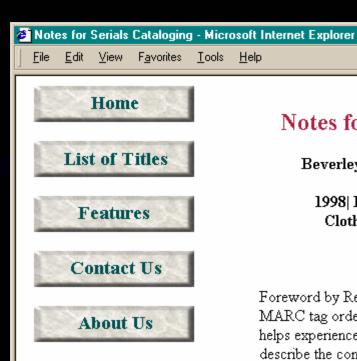


Embedded Multimedia in Electronic Journals

Multimedia Information and Technology 25 (4) (November 1999): 338-343

FINDINGS

- Titles identified from M-Bed(sm) [41]
- Records in OCLC [34]
- Records with information about multimedia components [5] (< 15%)
- Multimedia component(s) mentioned in a variety of MARC fields: 516, 520, 538



Help

Notes for Serials Cataloging

2d Edition

Beverley Geer, Beatrice L. Caraway

1998 Pages: xvi, 168p. Size: 6x9 Cloth | 1-56308-449-X | \$38.50

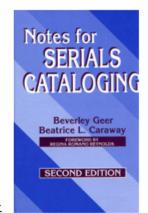
Add to Book Bag

Foreword by Regina Romano Reynolds Arranged in MARC tag order and by topical subdivision, this work helps experienced and novice serials catalogers

describe the complex characteristics and relationships of serial publications and construct clear and concise notes. Thoroughly revised, this edition contains updated definitions, scope notes, and examples of notes presented in the first edition, and it incorporates new notes for electronic serials and notes made available with the implementation of format integration. The authors also make references to pertinent rules in Anglo-American Cataloguing Rules (2d ed., 1988 rev.). Valuable as a reference tool for serials catalogers, this book can also be used in cataloging classes.

Beverley Geer is Metadata Librarian-Serials, Questia Media, Inc., Houston, Texas. She is a past president of the North American Serials Interest Group and a past chair of Serials Section, Association for Library Collections and Technical Services, American Library Association.

Beatrice L. Caraway is Serials Cataloger at the same institution.



MARC FIELD 516

Type of Computer File or Data Note:

Record information that characterizes computer file aspects of a serial in field 516. More specific information, such as the format or genre of the serial files (e.g., ASCII, hypertext, electronic journal), may be included along with general description (e.g., text and graphic files).

MARC FIELD 520

Summary, Etc. Note:

Field 520 contains unformatted notes describing the scope and contents of the work. For serials, this note is limited to formal summary statements preceded by the term "Summary."

MARC FIELD 538

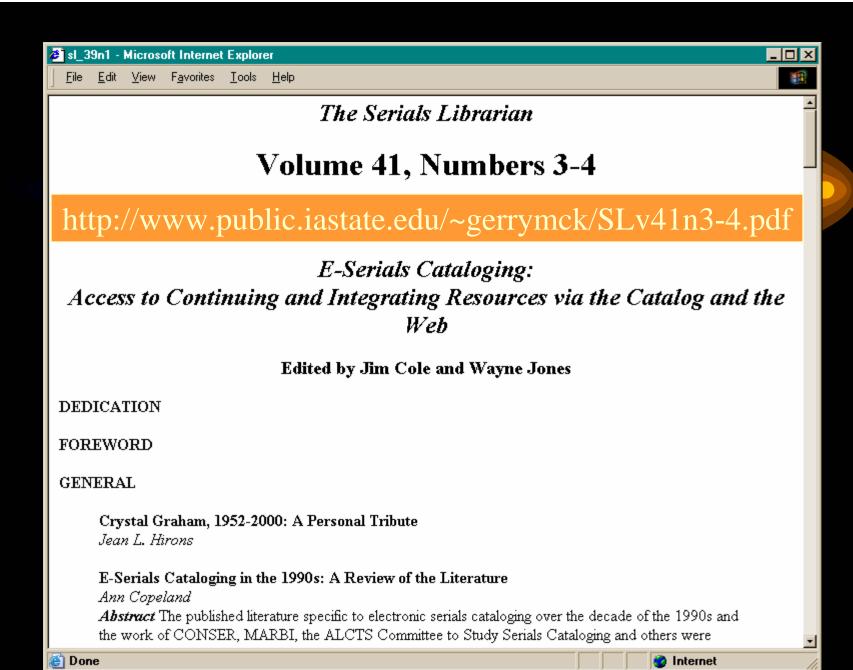
System Details Note:

"System requirements" information for computer files, such as software programming language, computer requirements (e.g., computer manufacturer and model, operating system, or memory requirements) and peripheral requirements (e.g., number of disks, support software, or related equipment) can be included for computer file serials. System requirements for "electronic serials," in addition to those necessary for standard Internet access, may be specified.

OBSERVATION I

CATALOGERS WERE GENERALLY NOT AWARE

OF THE
MULTIMEDIA DIMENSIONS
OF
MULTIMEDIA E-JOURNALS,
BUT ...



Abstract Many academic libraries have made the decision to catalog Internet resources. There are many factors included in this decision. Based on a survey, this article examines the types of Internet resources that are being cataloged in ARL institutions, the level of staff performing the cataloging and the impact this has made on these cataloging departments. Access issues are also examined. The results contained in this article will illustrate the current situation in libraries and provide data for comparison with future studies.

Keywords Internet, Catalogers, Cataloging staff, Support staff, Professional staff

Notes for Remote Access Computer File Serials Beatrice L. Caraway

Abstract The notes in a catalog record convey information about various aspects of the publication described, including publishing and issuing information, indexing and supplementary material, numbering, sources of information, and so on. For serials in electronic format, in addition to all of this information, they also provide clarification of the item's location and means of access, its file structure and system requirements, its relationship to other publications, and more. This compilation presents common examples and variations of notes presently found in records for remote access computer file serials.

Keywords Electronic serials**, E-journals**, Remote access computer file serials**, Cataloging

On Pins and Needles: Using Structured Metadata for Collocation and Browsing Capability $Gregory\ Wool$

Abstract Structured metadata&emdash;metadata based on organizing principles&emdash;can facilitate the task of information retrieval by providing context and meaningful differentiation in search results as well as collocating items with similar characteristics and highlighting semantic relationships among index terms. Types of metadata structure include rule basis, authority control, categorization, and relationship control. Most information found in library catalog records is structured metadata, but online catalog systems often suppress structural features (especially those providing relationship control) through simplified machine sorting of search results. Catalog displays that respect and highlight metadata structures are needed to improve collocation and browsing capability.

Plug-Ins and E-Journals: How Browser Extensions Transform Electronic Journal Content and Access

Diana Kichuk

University of Saskatchewan

NASIG 2002 | Poster Session

June 21 2002 | 1:15-2:15 PM

Canadian National Site Licensing Project (CNSLP)

CNSLP electronic journals could include a wide range of content that radically transformed the range of opportunity for authors to present their research and for readers to read or interact with that research.

Earth Interactions http://EarthInteractions.org/

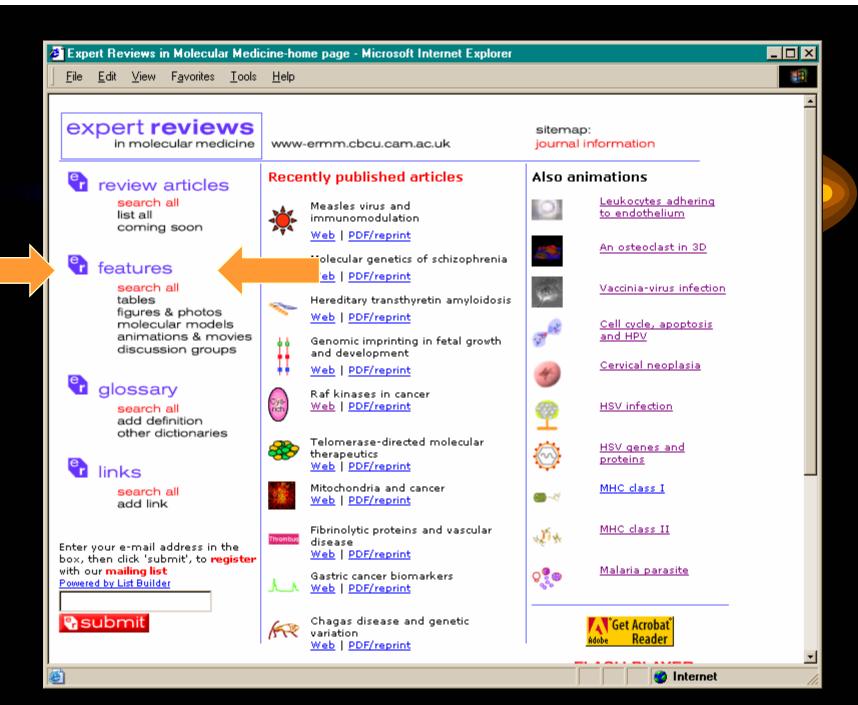
- Supports MPEG, QuickTimetm
- Allows authors to embed audio narratives
- Allows inclusion of datasets
- Supports interactive equations

"Words still have ... primacy, but they can be illuminated by images and moving pictures and by numbers and by sounds."

Tom Wilson / "In the Beginning Was the Word ..." / ELVIRA2: 1

While e-Journals are still primarily text, in a digital environment text can be connected with other text, media, services, and systems, from other text, media, services and systems,

with other ...





ECLECTIC JOURNAL

• A Web-based resource that at its core provides access to the conventional content of a digital form of a journal

BUT ALSO

 provides or permits interaction with novel and innovative features and functionalities (e.g., reference linking, cross-publisher searching, page customization, open peer review, etc.)

AND/OR

• novel and innovative content (e.g., e-books, prepublication history, electronic discussions, translation services, e-prints, bibliographic databases, etc.)

¹eclec.tic

Pronunciation: e-'klek-tik, i-

Function: adjective

Etymology: Greek eklektikos, from eklegein to select,

from ex- out + legein to gather -- more at LEGEND

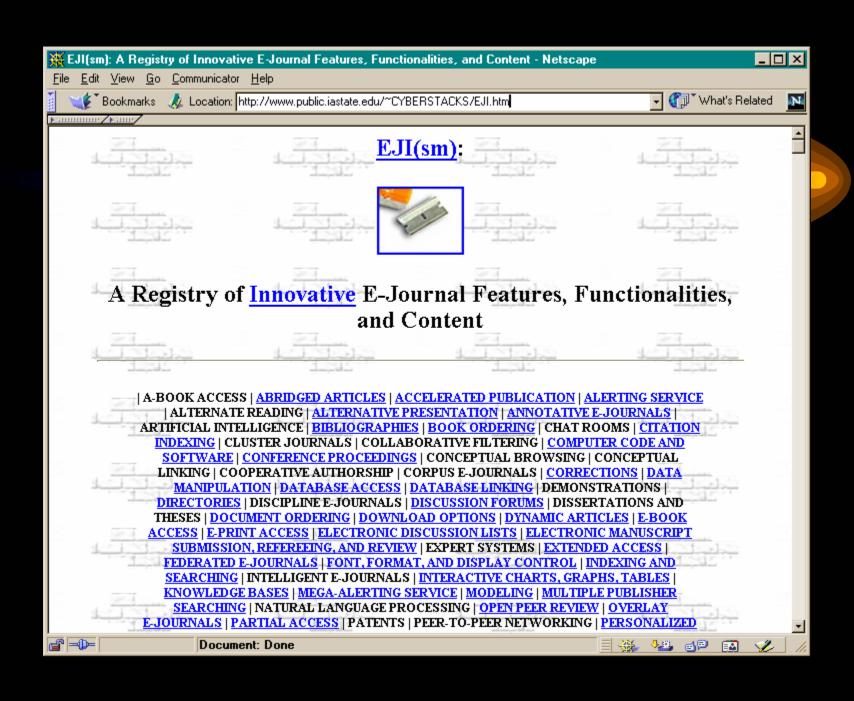
Date: 1683

1 : selecting what appears to be best in various doctrines, methods, styles

2 : composed of elements drawn from various sources; HETEROGENEOUS

-eclec.ti.cal.ly /-ti-k(&-)lE/ adverb

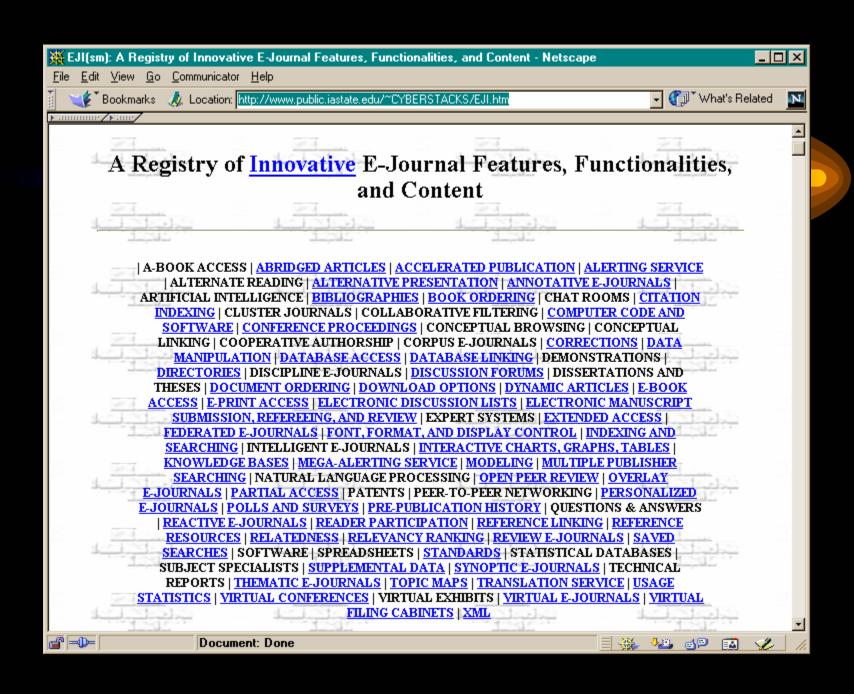
http://www2.yourdictionary.com/index.shtml



EJI(sm)

EJI(sm) is a categorized registry of electronic journals, journal services, or 'knowledge environments' that offer or provide innovative or novel access, organization, or navigational features, functionalities, or content.

http://www.public.iastate.edu/~CYBERSTACKS/ EJI.htm

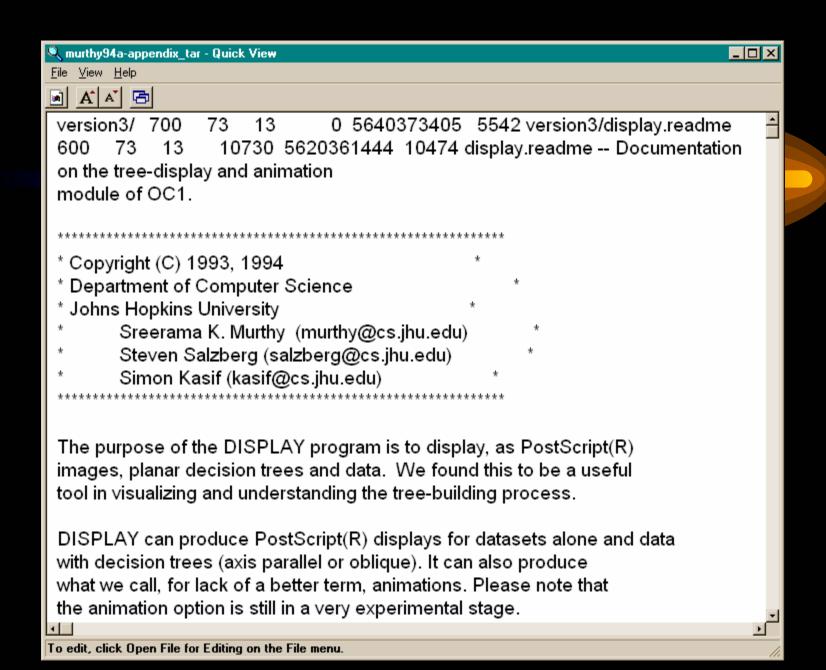


EXAMPLES

- COMPUTER CODE
- DYNAMIC ARTICLES
- FONT, FORMAT, AND DISPLAY CONTROL
- INDEXING AND SEARCHING
- MODELING
- REACTIVITY
- READER PARTICPATION
- SUPPLEMENTAL DATA

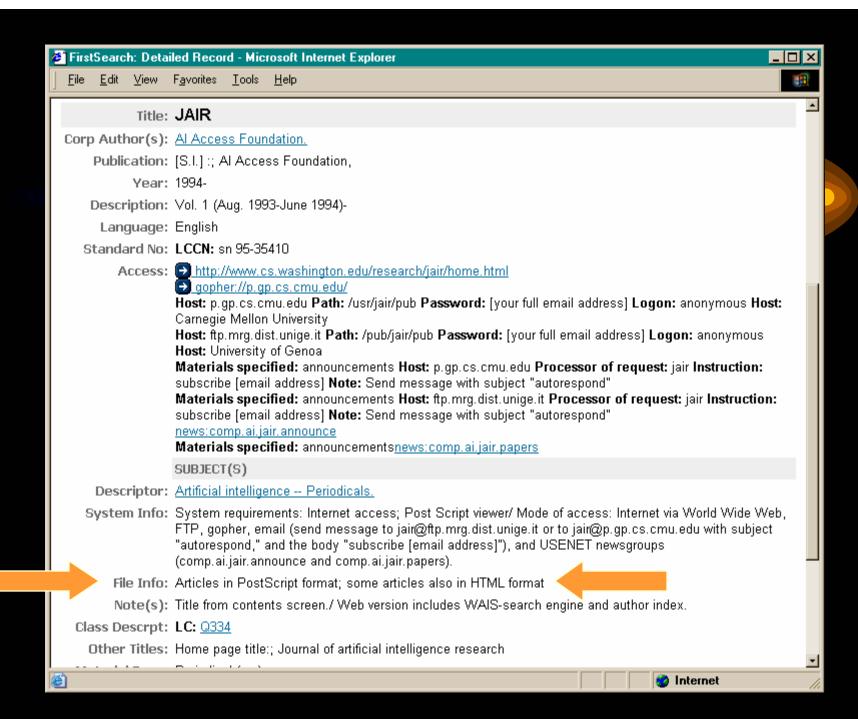
COMPUTER CODE

Journal of Artificial Intelligence Research



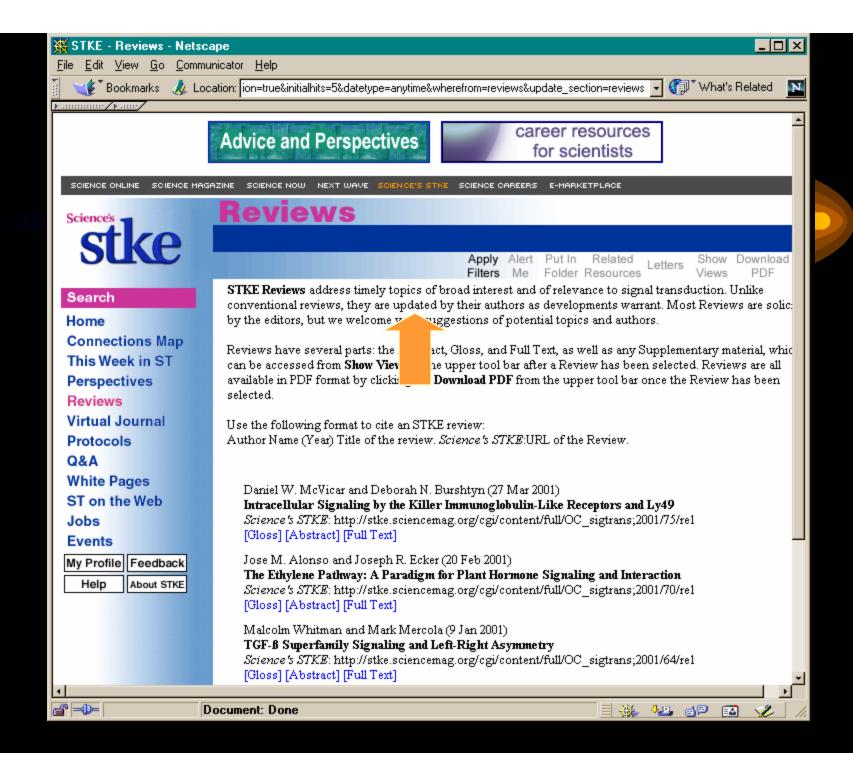
```
_ 🗆 ×
 murthy94a-appendix_tar - Quick View
File View Help
 /* Copyright 1993, 1994
 /* Johns Hopkins University
 /* Department of Computer Science
 /* Contact : murthy@cs.jhu.edu
 /* File Name : gendata.c
 /* Author : Sreerama K. Murthy
 /* Last modified : July 1994
 /* Contains modules: main
 /* Uses modules in : oc1.h
                 util.c
                tree util.c
                 classify.c
 /* Is used by modules in : none.
 #include "oc1.h"
 char *pname;
 char test_data[LINESIZE],misclassified_data[LINESIZE];
 int unlabeled=FALSE,no_of_dimensions=0,no_of_categories=0;
To edit, click Open File for Editing on the File menu.
```

```
murthy94a-appendix_tar - Quick View
<u>File View Help</u>
main(argc,argv)
    int argc;
    char *argv[];
  extern char *optarg;
  extern int optind;
  int c1,i,j,no_of_samples;
  int *point_count;
  float above, below;
  char decision_tree[LINESIZE];
  struct point **points_array = NULL, **allocate_point_array();
  struct tree_node *root = NULL, *read_tree();
  FILE *outfile;
  strcpy(test_data,"\0");
  strcpy(decision_tree,"\0");
  above = 0.0:
  below = 1.0;
  pname = argv[0];
  if (argc == 1) usage(pname);
  while ((c1 = getopt (argc, argv, "a:b:c:d:D:n:o:s:t:T:uv")) != EOF)
To edit, click Open File for Editing on the File menu.
```



DYNAMIC ARTICLES

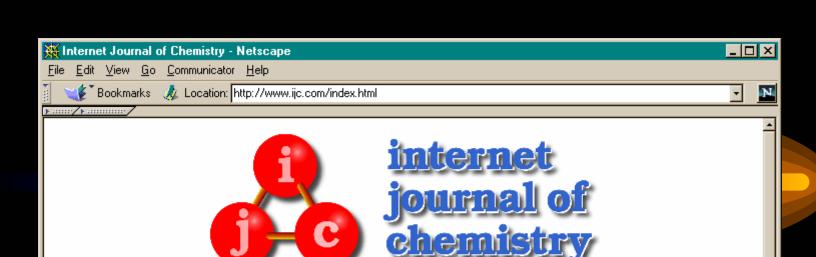
Science's stke: Signal Transduction Knowledge Environment / STKE Reviews



NO OCLC RECORD

FONT, FORMAT, AND DISPLAY CONTROL

Internet Journal of Chemistry



the peer-reviewed electronic journal for chemists

For Subscribers Only: Enter Journal Areas

Free Access Areas: Table of Contents and Abstracts Statement of Purpose Scope of Coverage Instructions to Authors Editorial Board Subscription Information How to Customize and Use the Journal (FAQ)

ISSN: 1099-8292

An InfoTrust Production

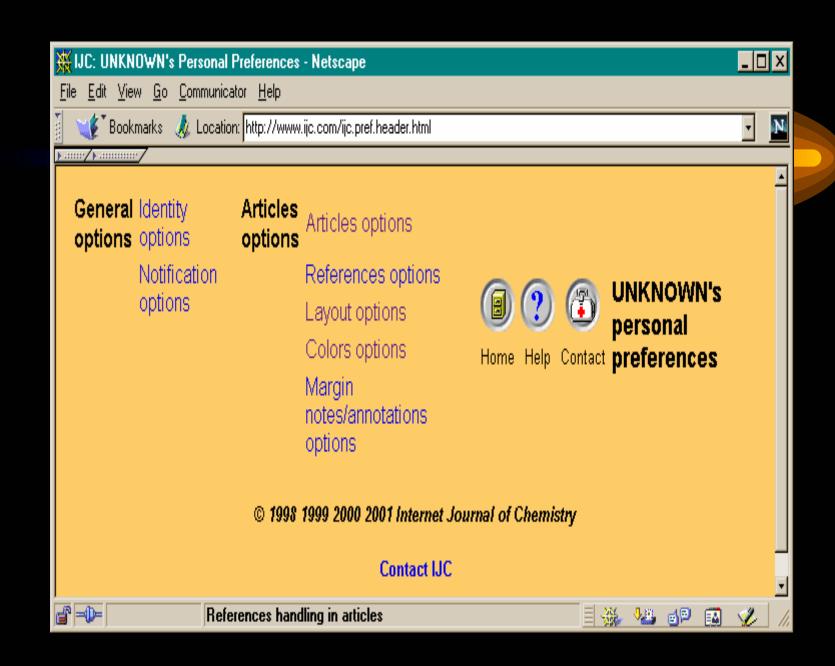
@1998, 1999, 2000 Internet Journal of Chemistry

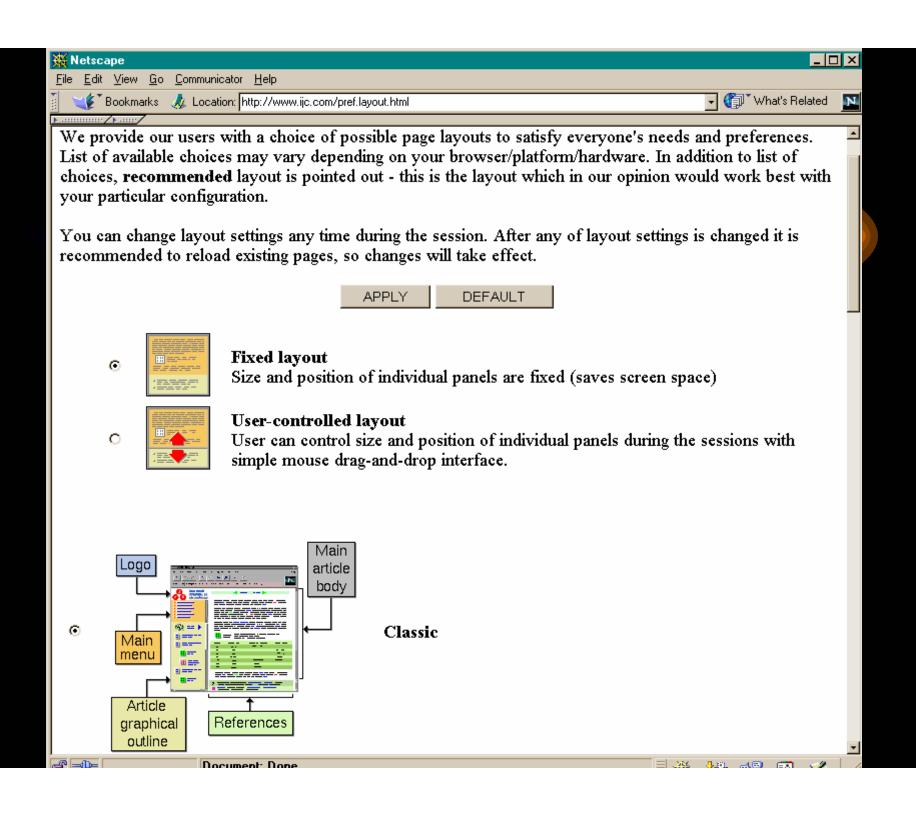


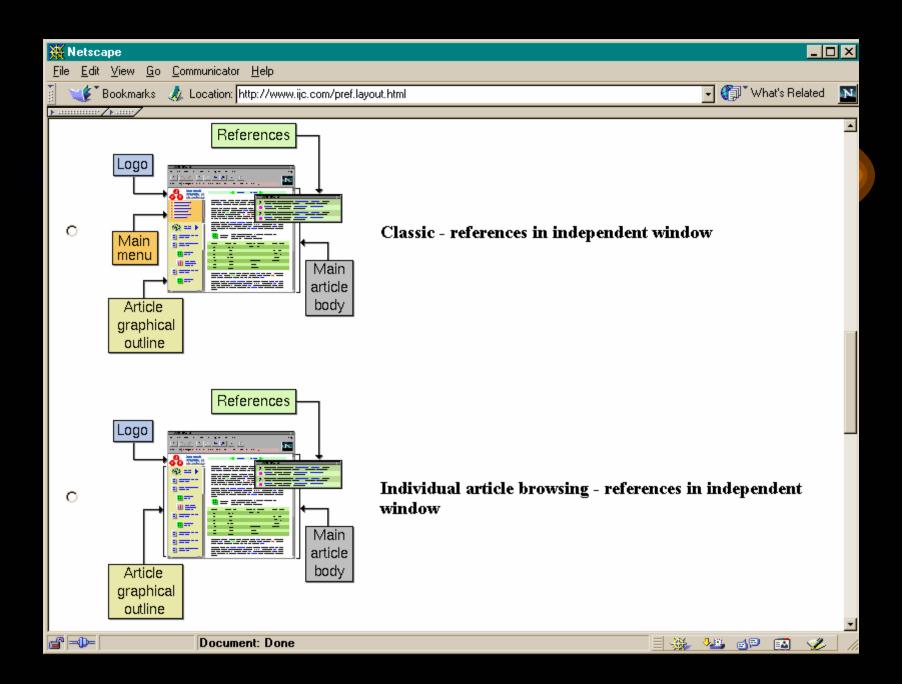


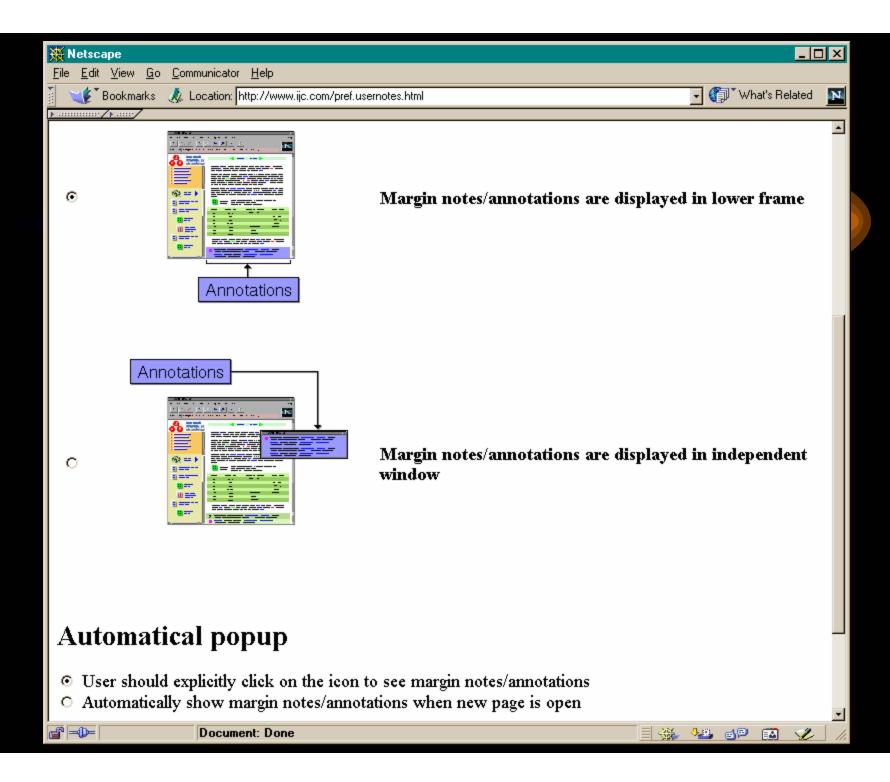
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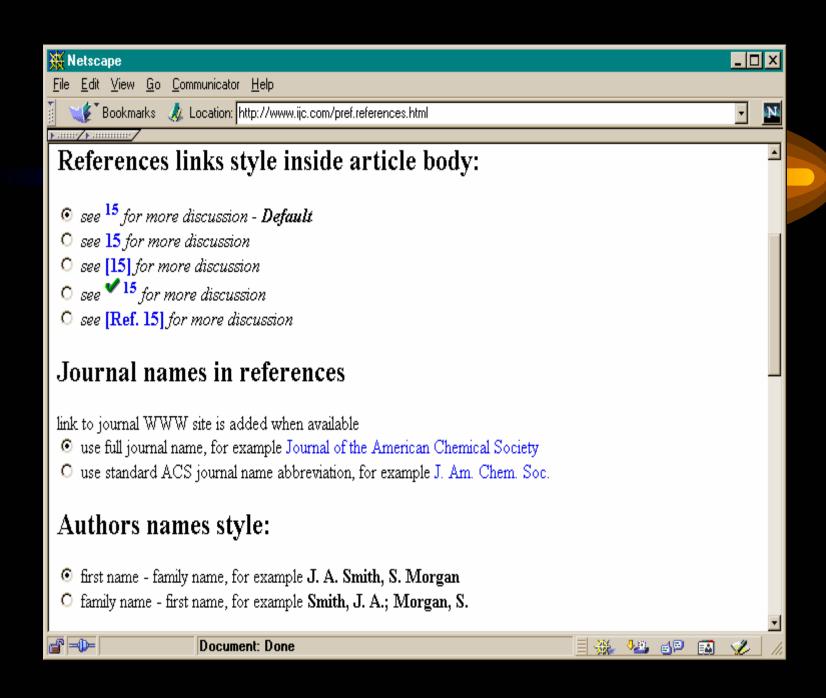


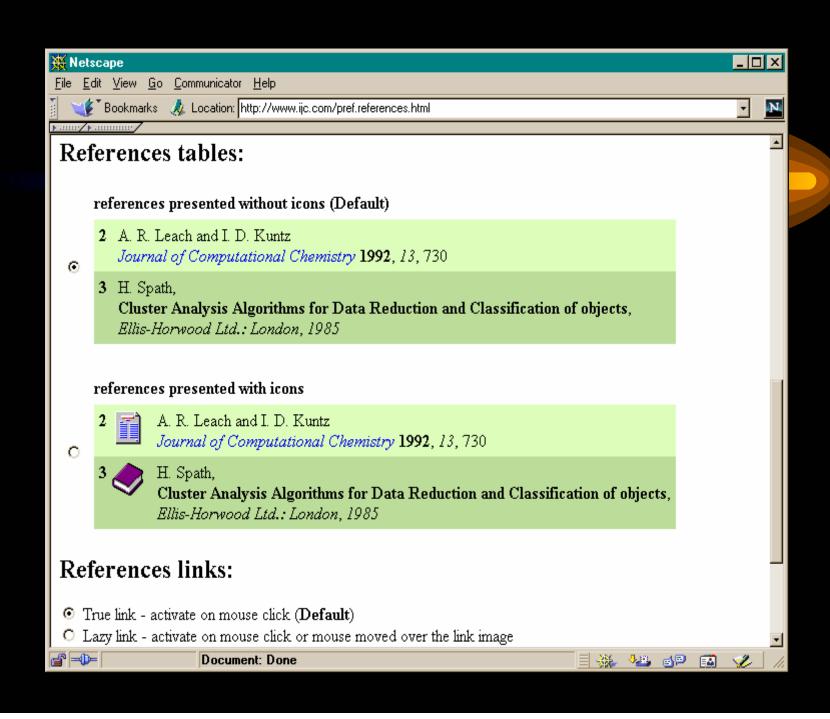


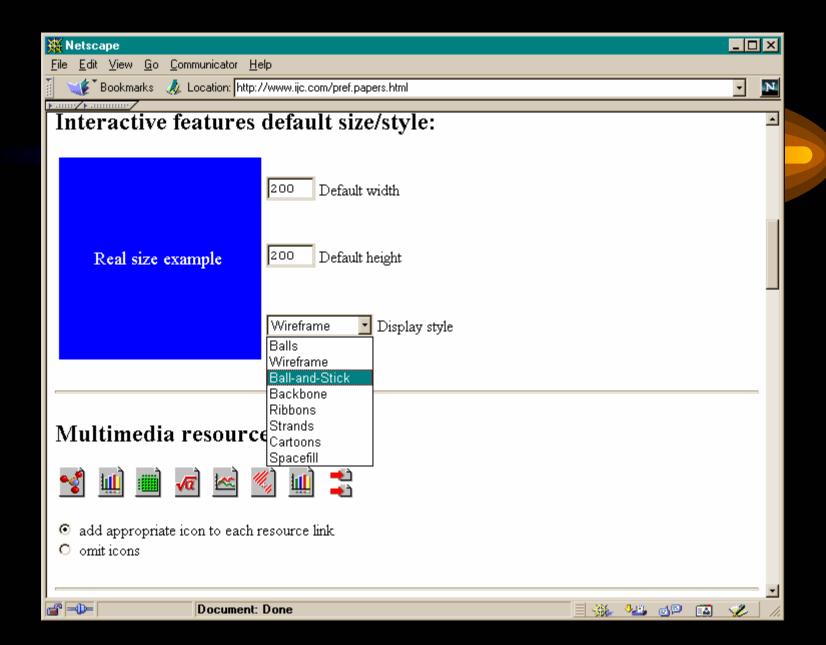


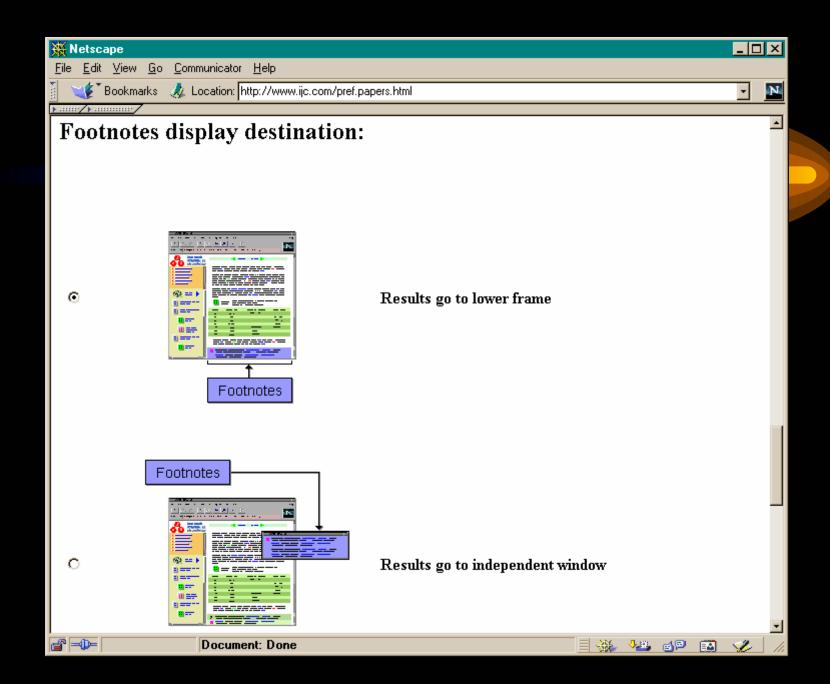


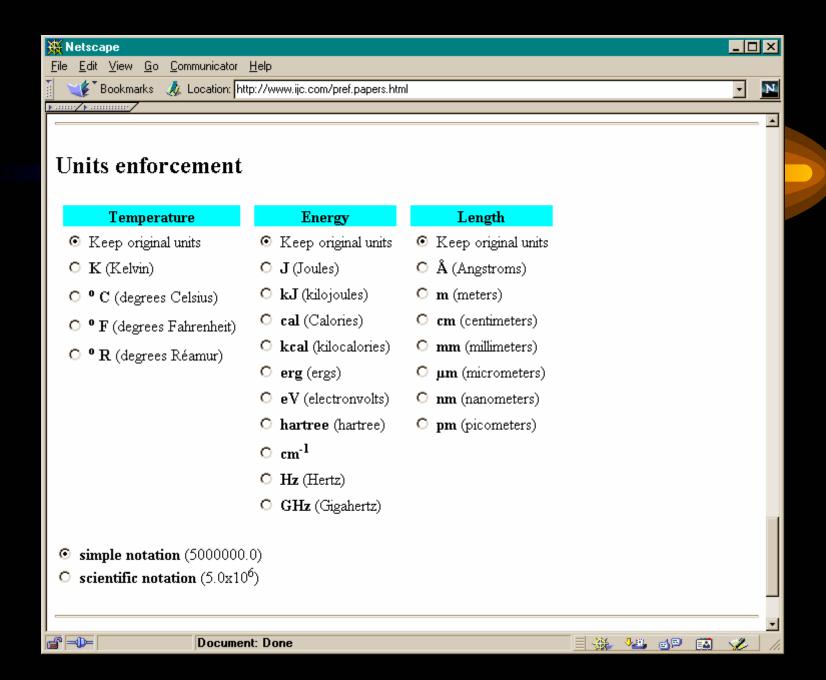


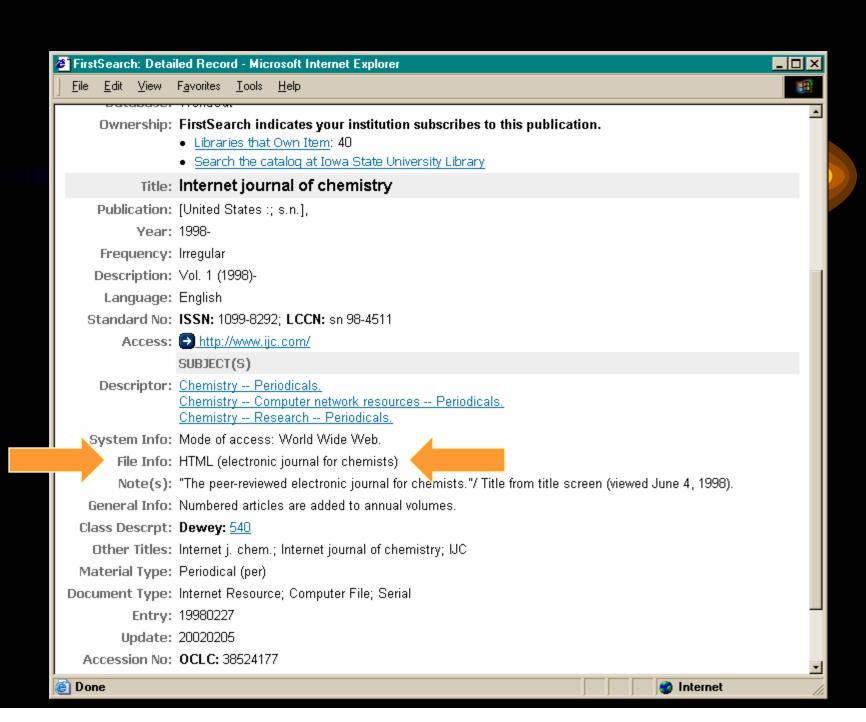












The Internet Journal of Chemistry: A Premier Eclectic Journal

Library Hi Tech News 18, no. 8 (September 2001): 27-35.

INDEXING AND SEARCHING

Astrophysical Journal

News UPDATED

About the Journal

Editors and Offices

Author Information

Subscribe

Current Issues

ApJ 2002 June 1 ApJL 2002 June 10 ApJS 2002 June ApJL Rapid Release

Available Issues

Future Articles

Search UCP Astronomy Journals

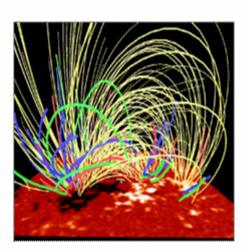
ApJ Mirror Sites Japan | France | U.S.

Other Resources

THE ASTROPHYSICAL **JOURNAL**

ROBERT C. KENNICUTT, JR., EDITOR IN CHIEF

PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS FOR THE AMERICAN ASTRONOMICAL SOCIETY

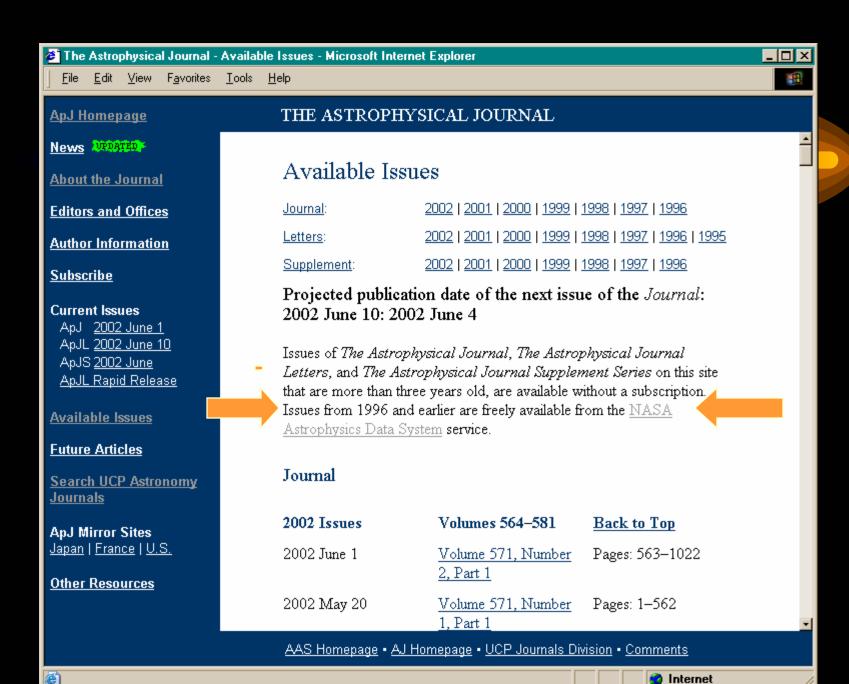


As of 23 July 2001, the Astrophysical Journal Web Peer Review System supports authors and referees for the ApJ (Part 1), the Letters (Part 2),

AAS Homepage • AJ Homepage • UCP Journals Division • Comments





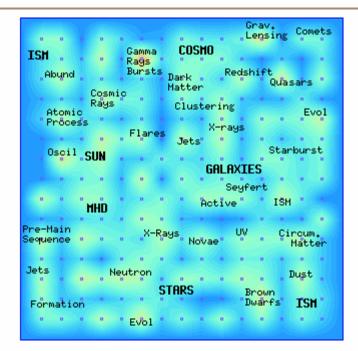






Astrophysical Journal (1994-**2000**)

CDS · Simbad · VizieR · Aladin · Catalogues · Nomenclature · Biblio · StarPages · AstroWeb



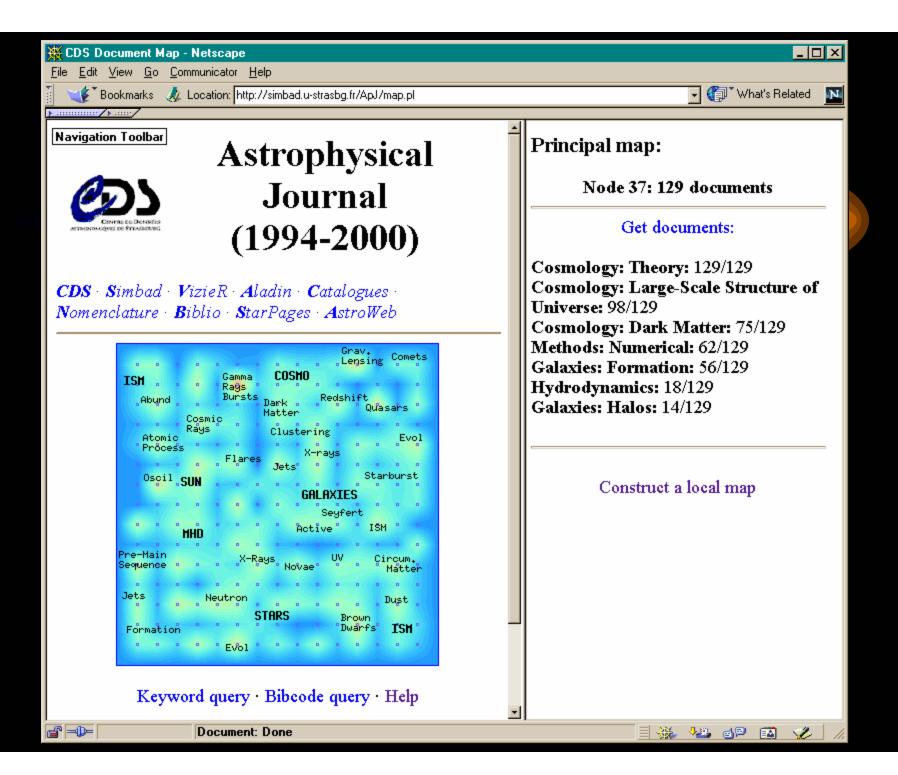
Keyword query · Bibcode query · Help

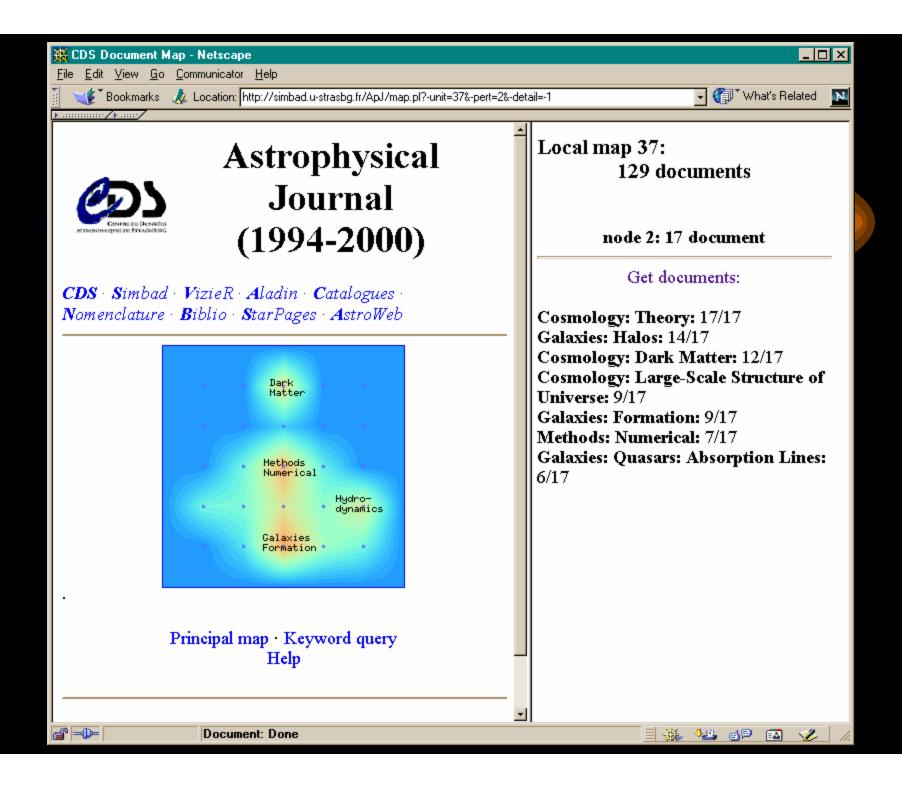
This map gives access to 15949 articles from Astrophysical Journal. We used the technique of "Self Organizing Maps", where documents are classified in areas on the basis of their keywords. Density of documents is smallest in blue regions, and largest in red regions.

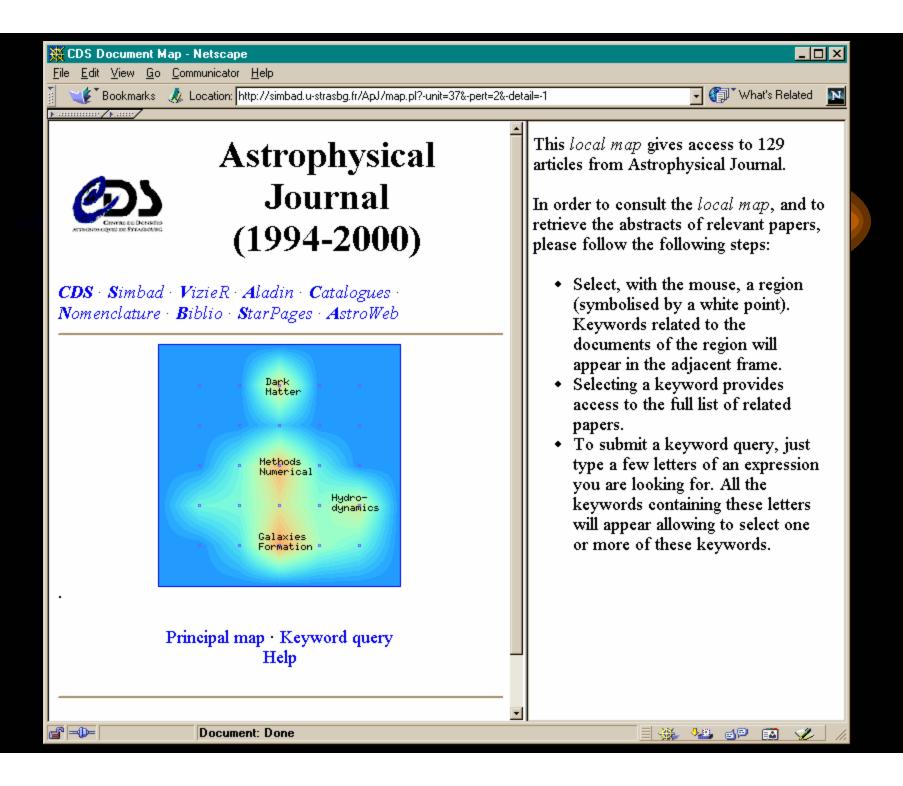
In order to consult the *document map*, and to retrieve the abstracts of relevant papers, please follow the following steps:

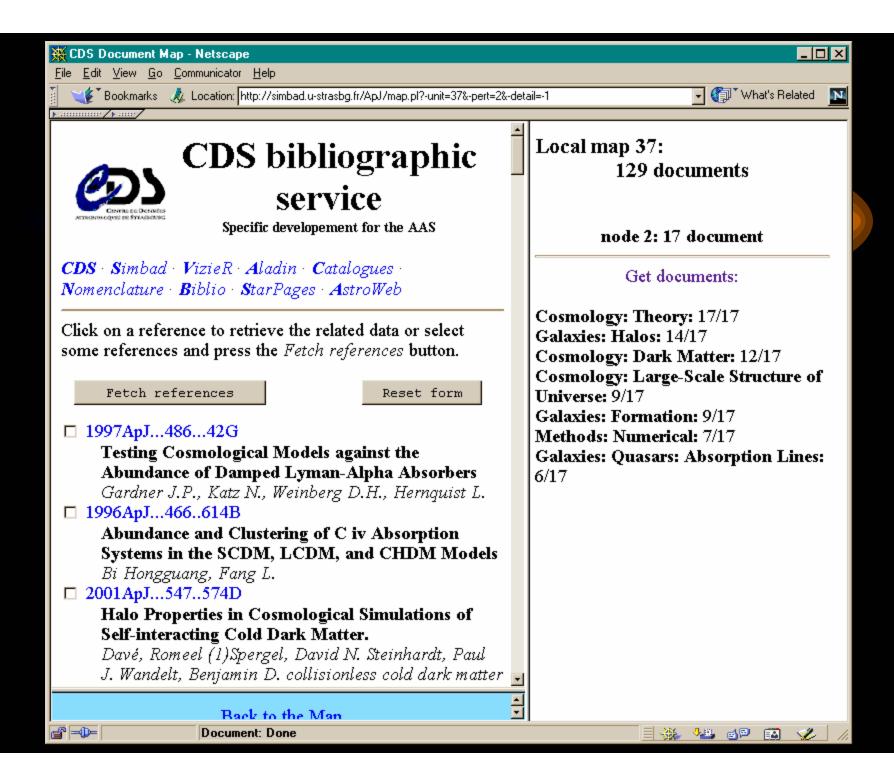
- Select, with the mouse, a region (symbolised by a white point).
 Keywords related to the documents of the region will appear in the adjacent frame.
- Selecting a keyword provides access to the full list of related papers.
- If there are more than 30 articles on the selected region, you can access to a more detailed map.
- To submit a keyword query, just type a few letters of an expression you are looking for. All the keywords containing these letters will appear allowing to select one or more of these keywords.

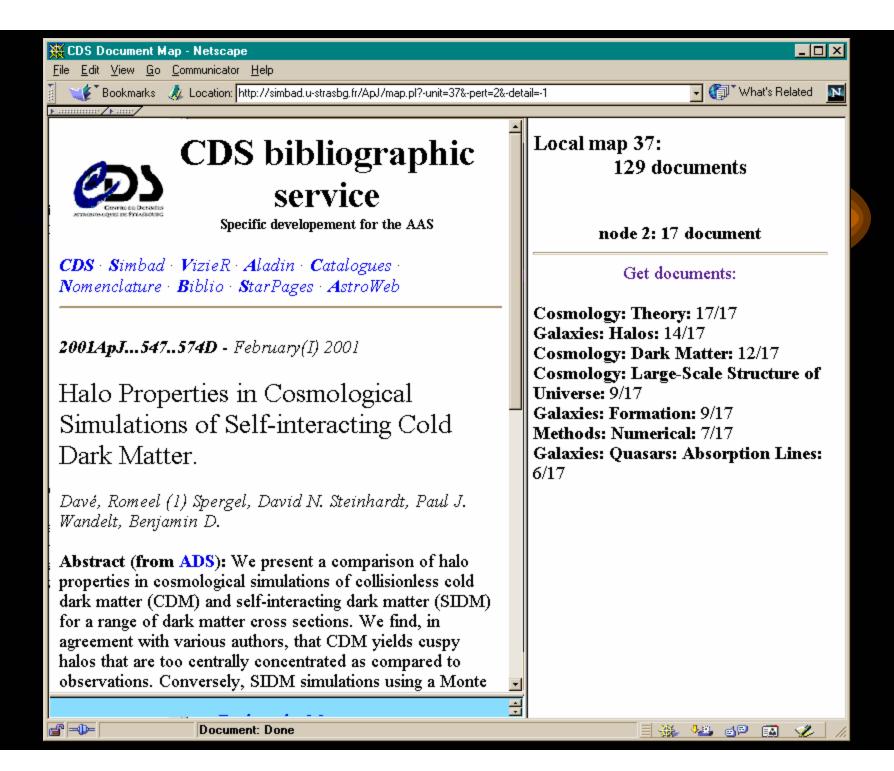


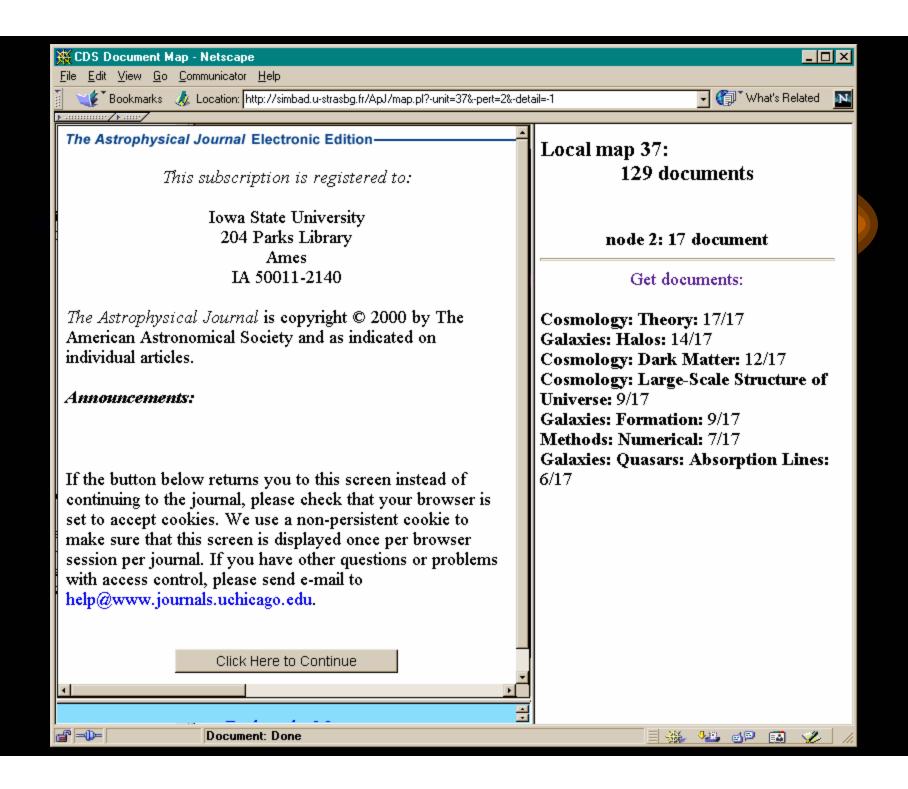






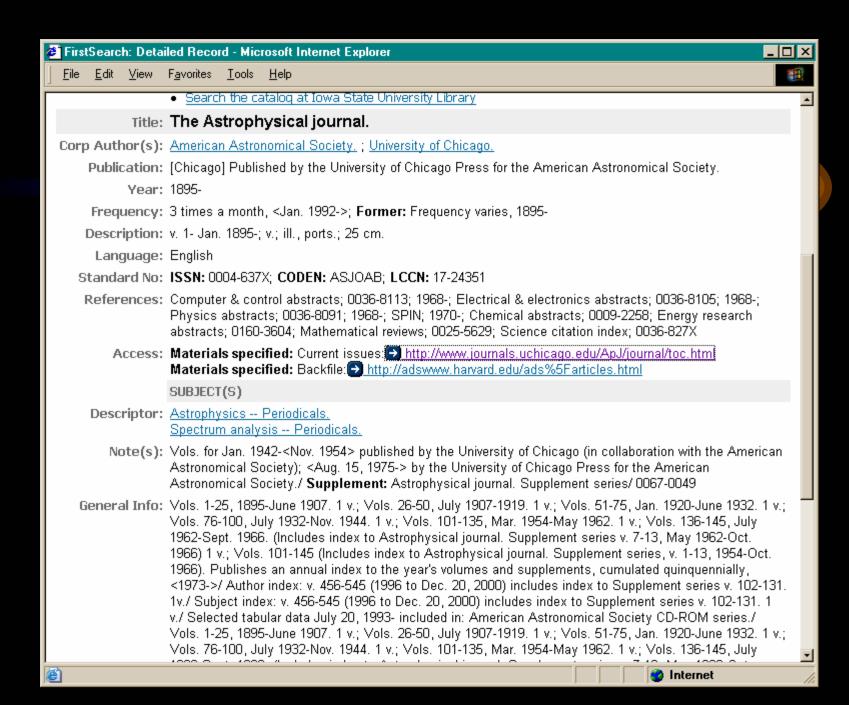


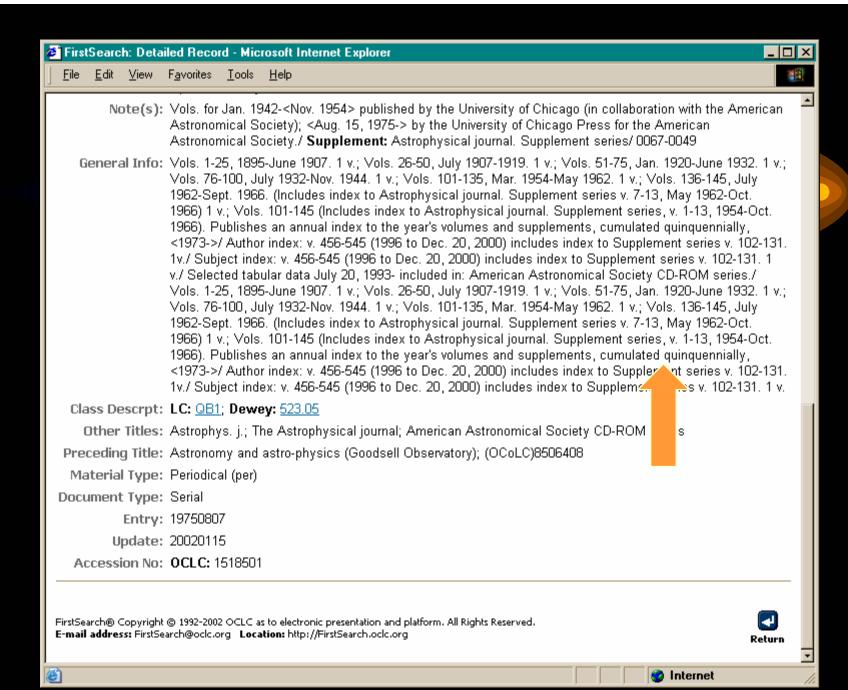






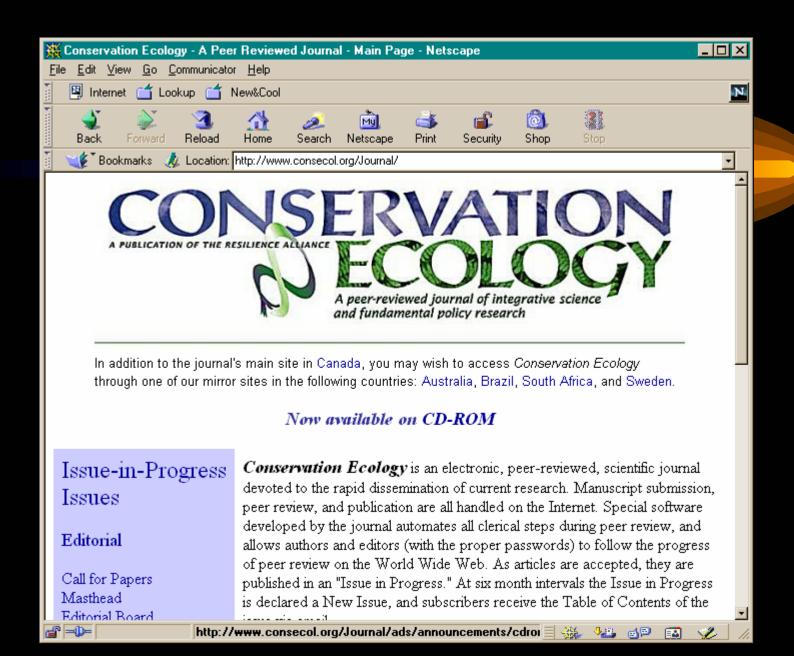
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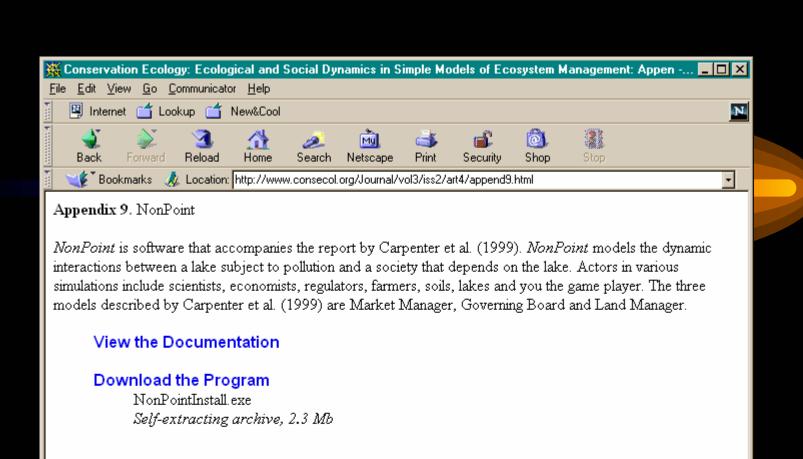




MODELING

Conservation Ecology



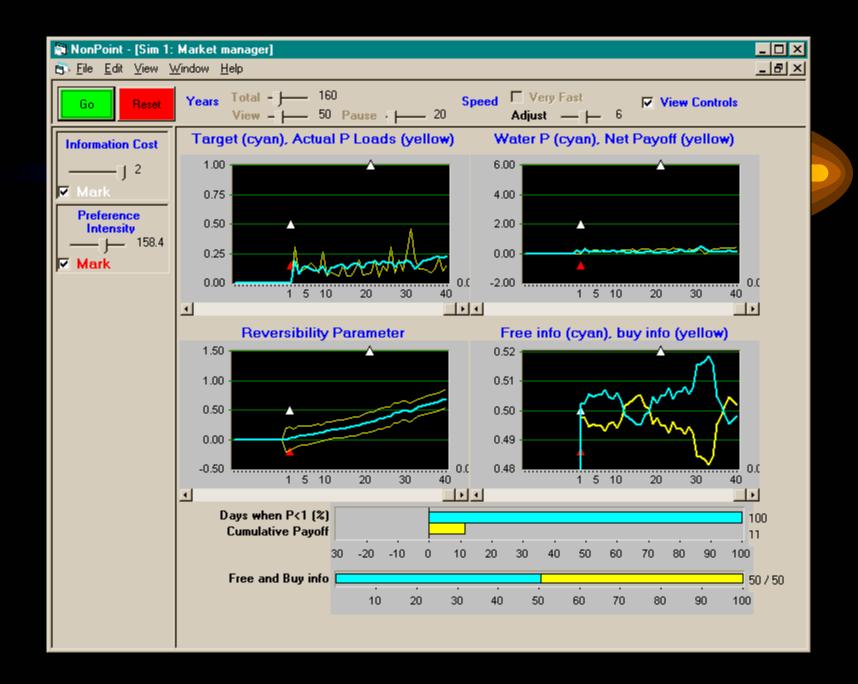


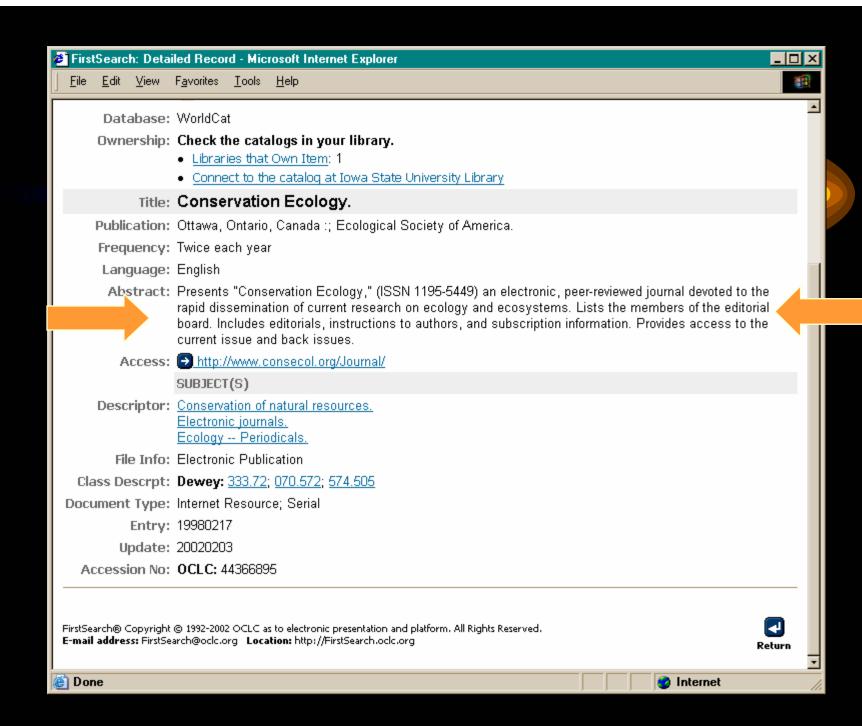






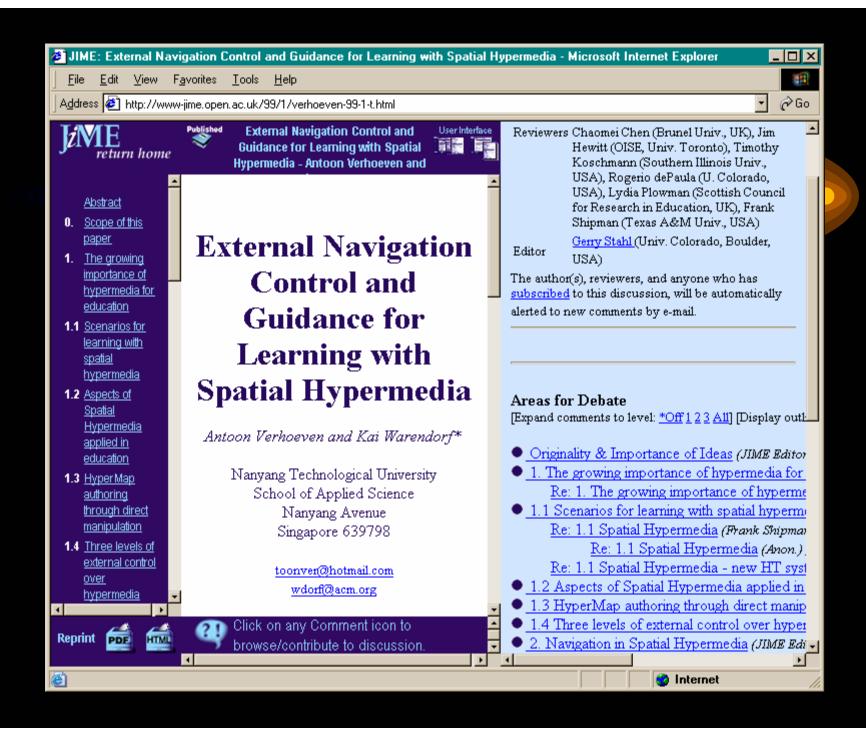




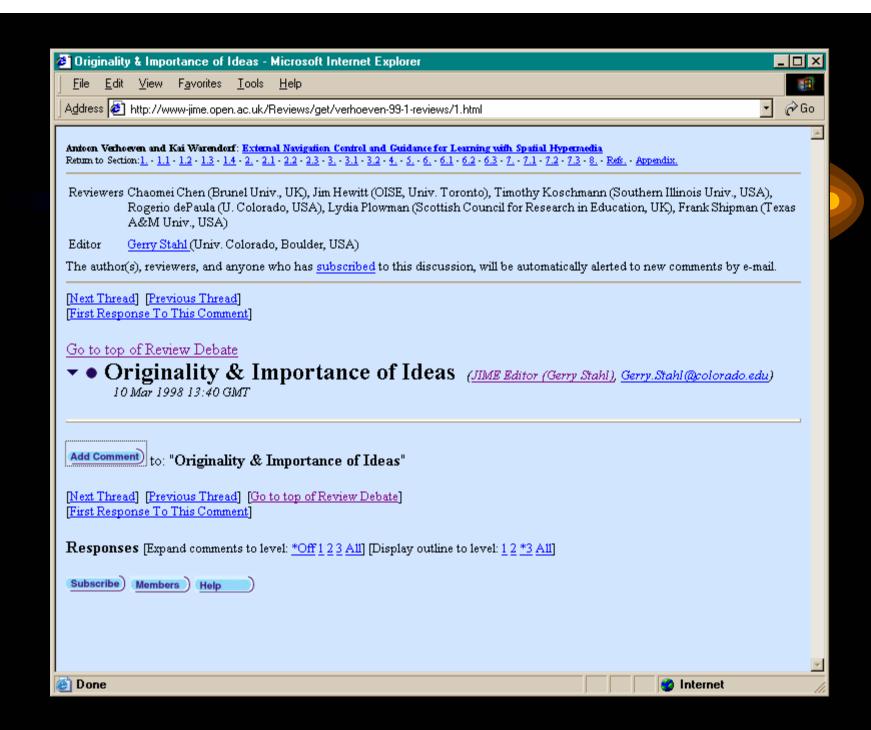


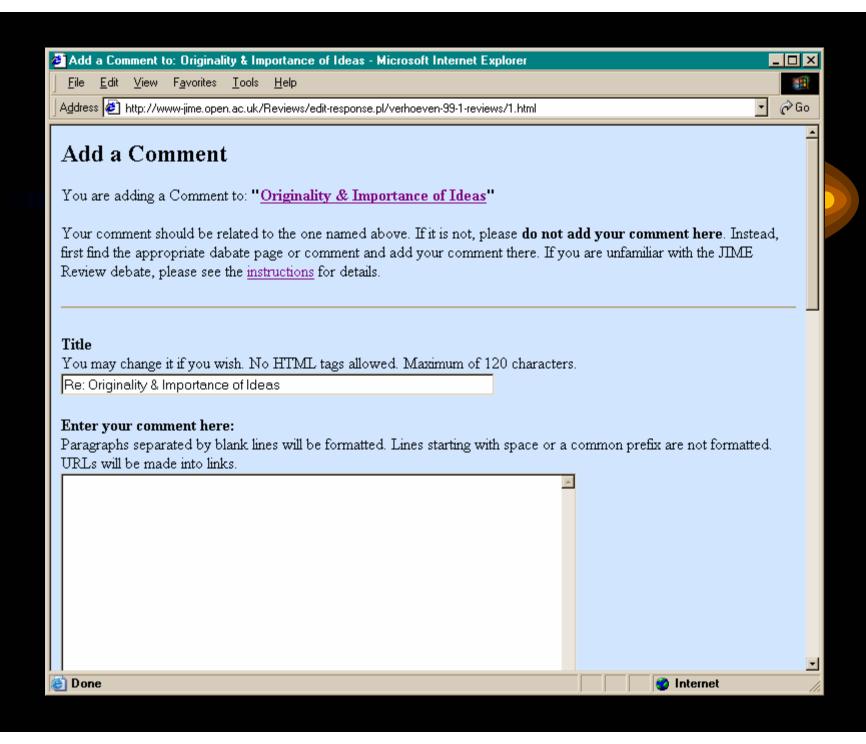
REACTIVITY

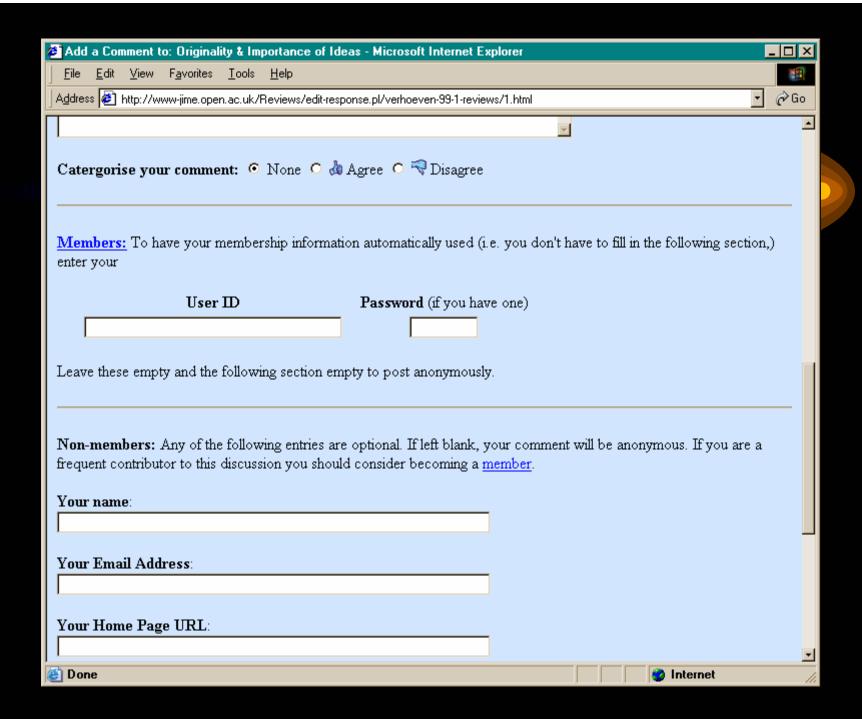
Journal of Interactive Media in Education

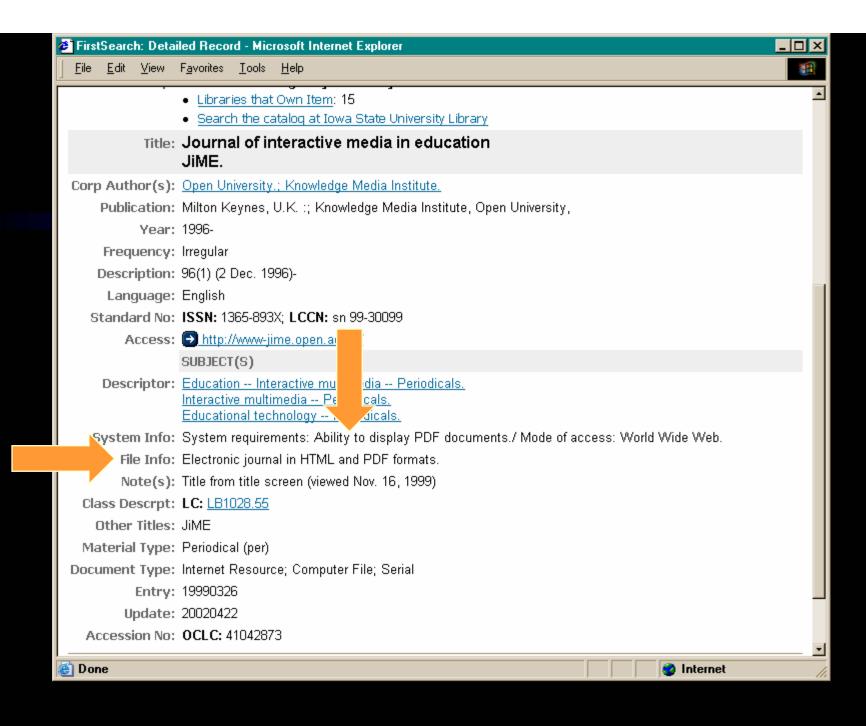






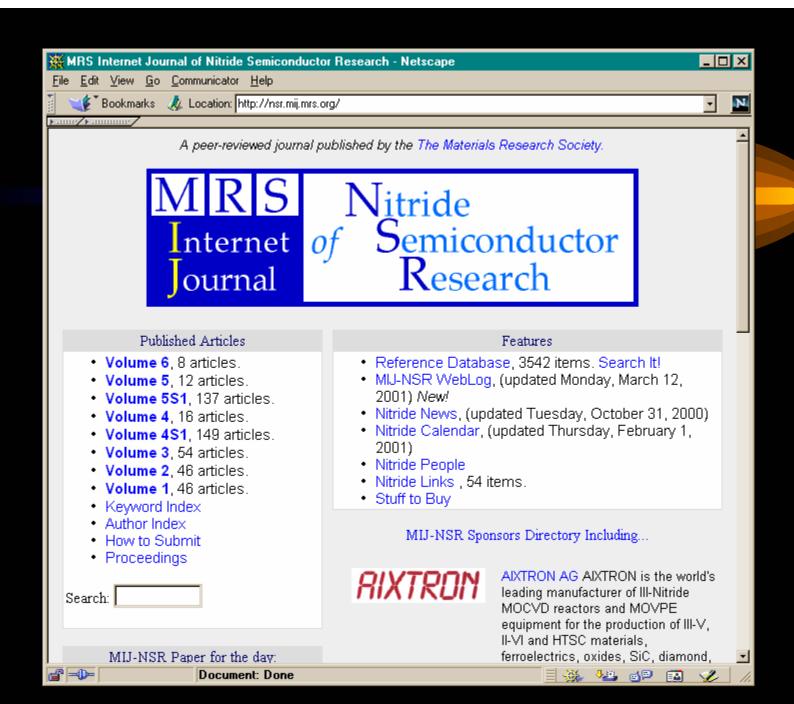






READER PARTICIPATION

MRS Internet Journal of Nitride Semiconductor Research





The reference database of the MRS Internet Journal of Nitride Semiconductor Research depends on contributions to make it complete. It started with about 200 recent references, including abstracts, and about about 300 older ones, without abstracts. Readers have contributed several hundred, and many more have been submitted in conjuction with papers submitted to the journal. (Although we can search on the abstracts, we cannot make the text available unless we have permission from the copyright holders. (That means the journals, not the authors.))

The data in the database has a number of shortcomings.

- · The older items have no abstracts.
- · Some newer items list only the first three authors.
- · Only one original item had a citation list available.
- · Some items have some ideosyncratic capitalization, (Algan, Inn), and no superscripts or subscripts.
- New items need to be added. This is partly being done by a group of volunteers. To participate, contact the
 journalmaster.
- There are few books in the database.

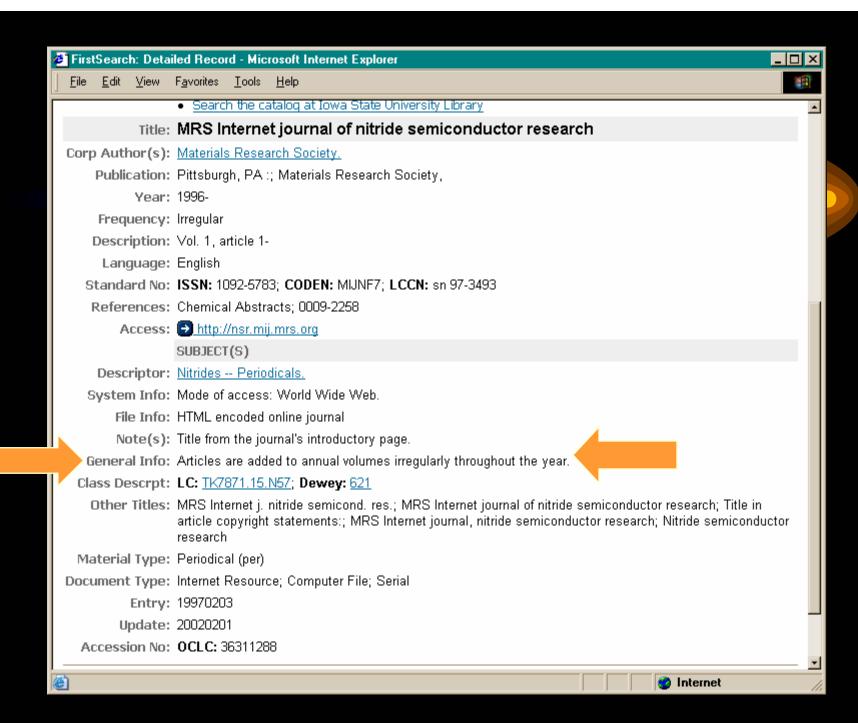
You'll probably want to start by making sure your own papers have been properly entered. Start by checking to make sure they're not already there. Do a search on the first three authors' last names. Searching will always be more up-to-date than the listings by author or by journal.

- · If the paper is already in the database, but needs updating, use the update button on its page.
- · If the paper is not in the database, use the contribution form below.
- If you want to add a list of references for an item in the databases, use the list builder buttons on the page for each reference item.
- If the reference you want to add is a book, or an article in a Conference proceedings that is not part of a series such as MRS Proceedings, you should use the book contribution form.

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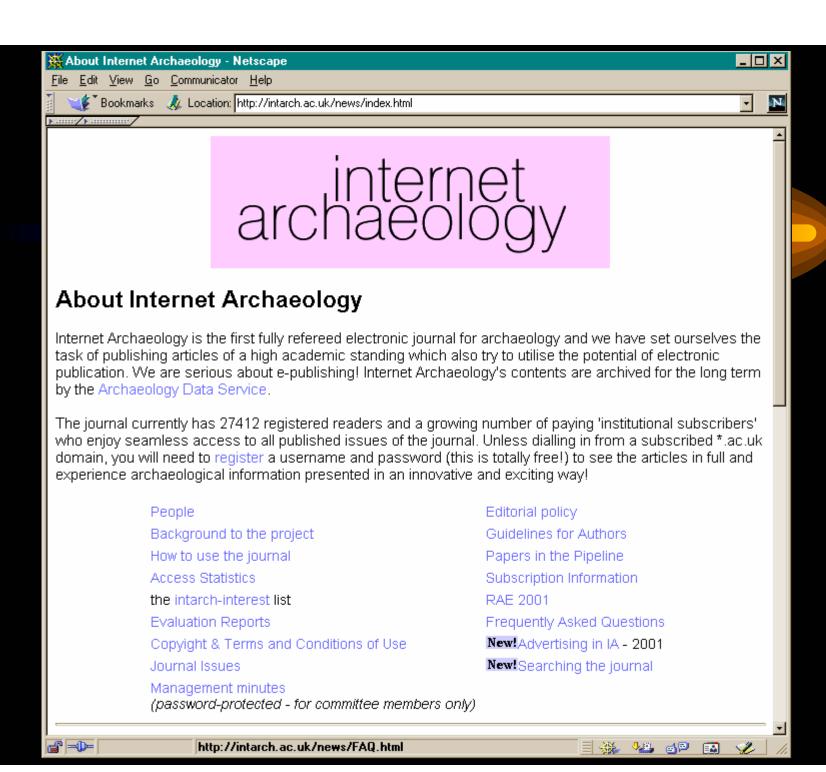
 In any field, you can use SGML names to represent special characters. For example, "ç is written "ç".

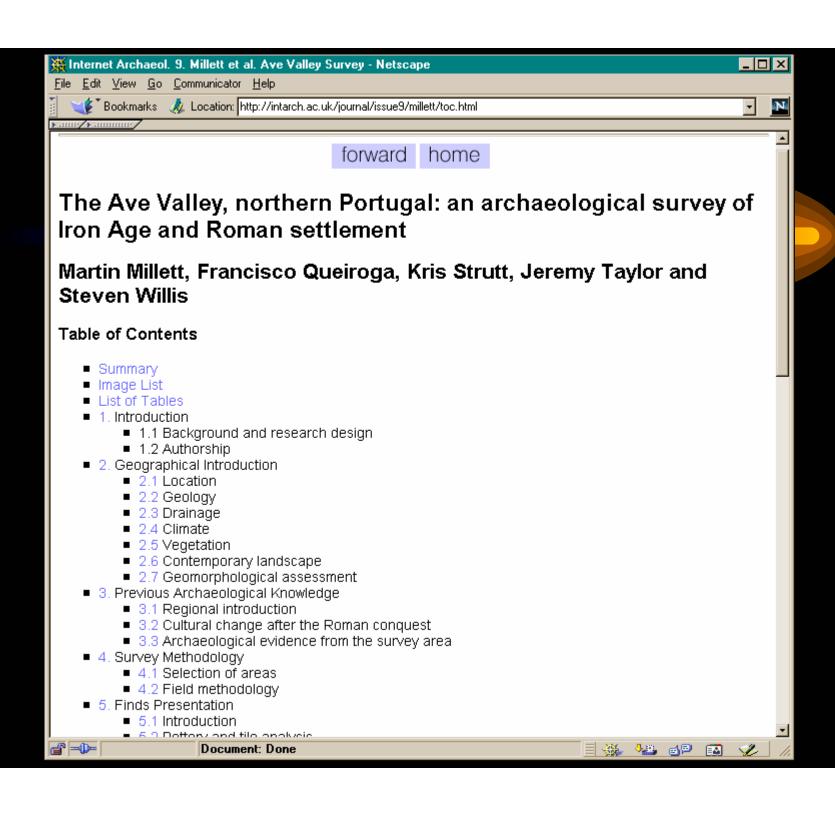


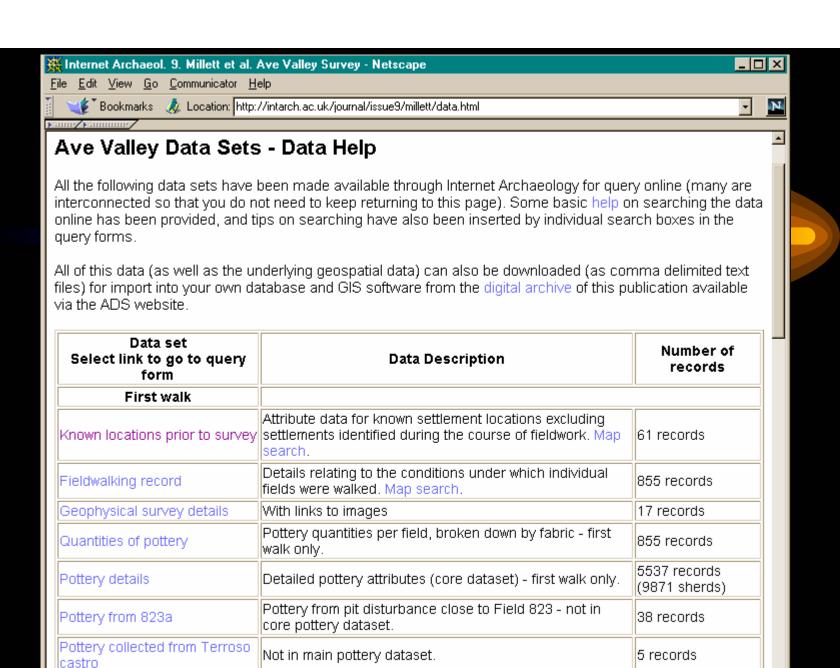


SUPPLEMENTAL DATA

Internet Archaeology







Quantities tile fabrics per field - first walk only.

855 records

12 records

855 records

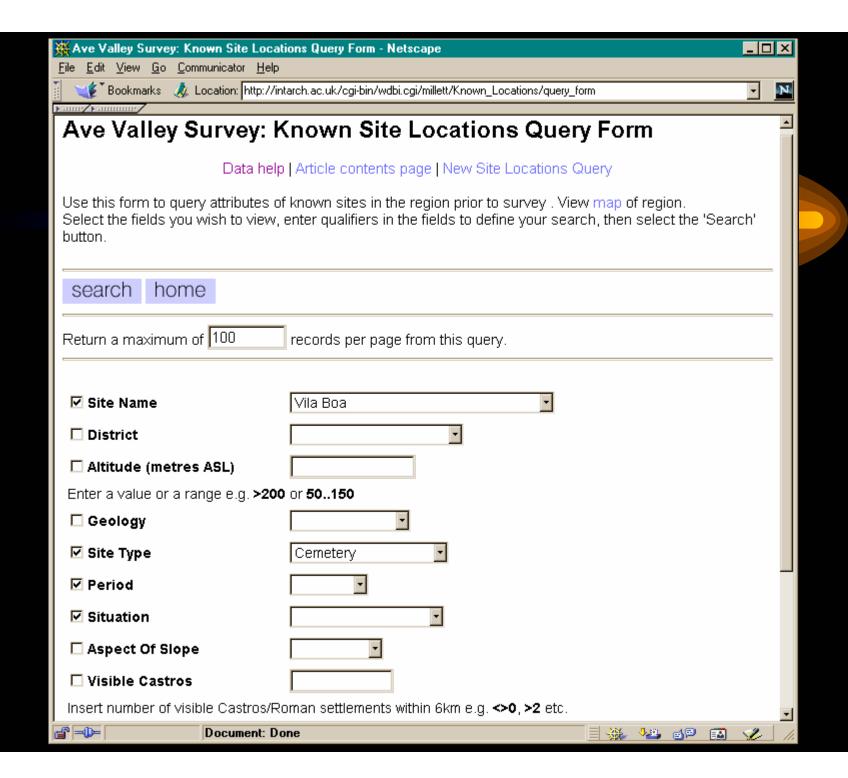
Grouped by fabric.

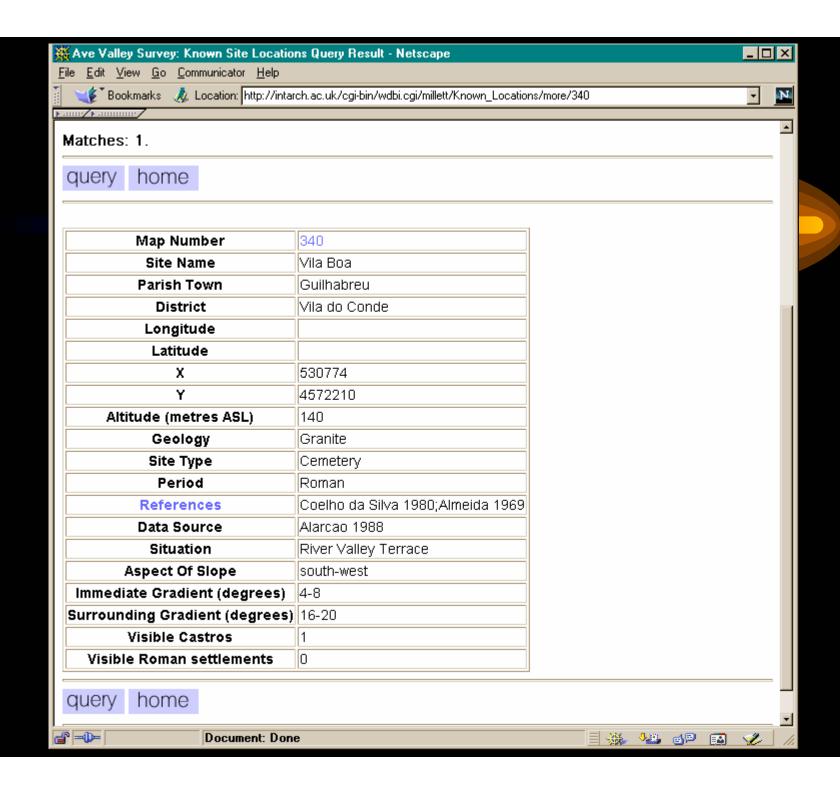
First walk only.

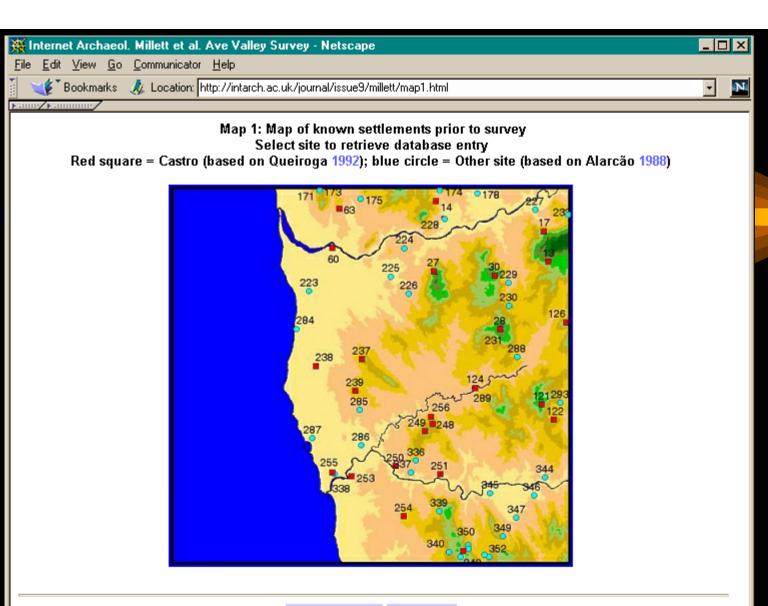
Pottery quantities per hectare

Quantities of brick

Quantities of tile



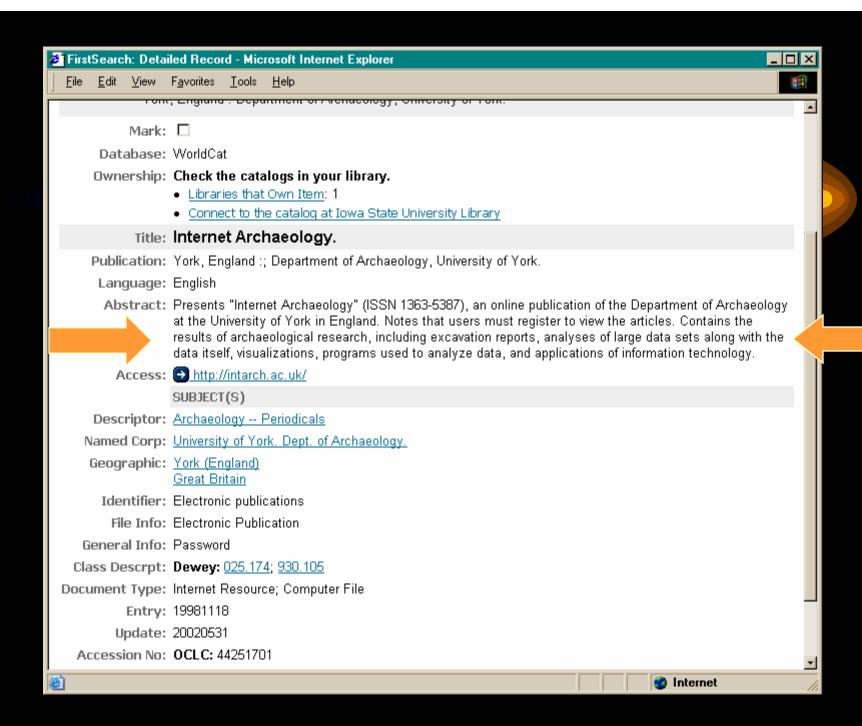




contents home

Internet Archaeology URL: http://intarch.ac.uk/journal/issue9/millett/map1.html Last updated: Sat Dec 30 2000



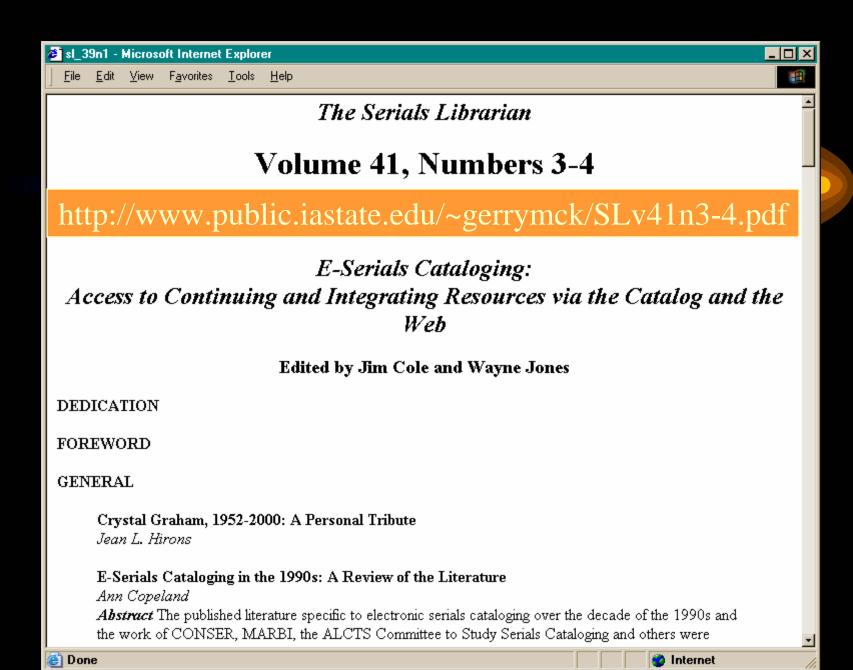


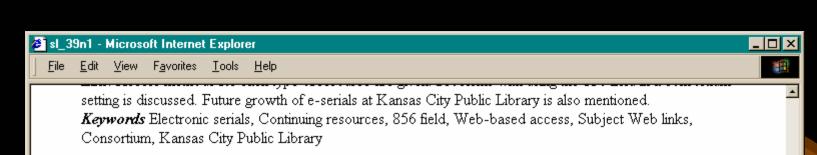
OBSERVATION II

CATALOGERS ARE GENERALLY

NOT AWARE

OF THE
ECLECTIC DIMENSIONS
OF
ECLECTIC JOURNALS,
BUT ...





BOOKS, SERIALS, AND THE FUTURE

E is for Everything:

The Extra-Ordinary, Evolutionary [e-]Journal

Serials Librarian 43(3/4) (2002): 293 - 321

E is for Everything: The Extra-Ordinary, Evolutionary [e-]Journal Gerry McKiernan

Abstract An ever-increasing number of e-journals are transcending the limitations of the paper medium by incorporating and integrating a wide variety of innovative electronic features and content. In this article, we examine the current evolution of the scholarly journal and review the emergence of functionalities that expand and extend the conventional electronic journal. We further explore additional e-journal enhancements and consider new forms and formats of scholarly communication likely to arise in the not-so-distant future. **Keywords** Electronic journal, Innovation, Customization, Multimedia, Object-oriented

Return to SL Home Page

Creative Consultant: D.E. Cole





RAMIFICATIONS OF MULTIMEDIA JOURNALS

Technical Issues

- Multimedia workstations
- Necessary and enabled plug-ins (e.g., QuickTimeTM, Shockwave FlashTM player, RealOneTM player, Windows MediaTM player)
- Sound cards, speakers, headphones, etc.
- Sufficient bandwidth to accommodate hightraffic multimedia access

- Ability to provide any and all plug-ins that potentially may be of interest
- Capability of library staff to maintain installed plug-ins as plug-ins are upgraded
- Competence of library staff to assist patrons in use of plug-ins

- Assignment of General Material Designation (GMD)
 - Electronic resource
 - Interactive multimedia
 - Electronic interactive multimedia journal
- Need for cataloger's workstation to be appropriately equipped and configured

- To maintain accurate and current cataloging records, catalogers would need to be notified of changes or required to revisit the e-journal routinely to identify new features, functionalities, and content
- Cataloger and public workstations would need to be reconfigured to enable use

RAMIFICATIONS OF ECLECTIC JOURNALS

Technical Issues

- Eclectic workstations
- Necessary and enabled plug-ins (e.g., Chime)
- Sound cards, speakers, haptic mice, etc.
- Sufficient bandwidth to accommodate eclectic access

- Assignment of General Material Designation (GMD)
 - Electronic resource
 - Interactive multimedia
 - Electronic interactive multimedia journal
 - Eclectic journal
- Need for cataloger's workstation to be appropriately equipped and configured

- To maintain accurate and current cataloging records, catalogers would need to be notified of changes or required to revisit the e-journal routinely to identify new features, functionalities, and content
- Cataloger and public workstations would need to be reconfigured to enable use

...[T]o serve remote .. [and other catalog users], catalogers ... [should] ... include technical information or requirements specific to a resource so that ... users would know if they have the necessary setup to use the resource."

Ingrid Hsieh-Yee. *Organizing Audiovisual and Electronic Resources for Access: A Cataloging Guide*. (Englewood, Colorado: Libraries Unlimited, 2000), 257.

"The implications for catalogers [of evolving and emerging electronic information forms and formats] are that they must have an efficient way to produce resource descriptions that can assist users in searching, identifying, selecting, and accessing [these] resources."

Ingrid Hsieh-Yee. *Organizing Audiovisual and Electronic Resources for Access: A Cataloging Guide* (Englewood, Colorado: Libraries Unlimited, 2000), 257

SOLUTION

Cataloger description of multimedia and other eclectic features, functionalities, and content would be greatly facilitated if publishers noted these in an *explicit* location on the e-journal Web site.

STANDARDS

A standard is generally intended to be a level of attainment.

ALA describes a standard for libraries as "a rule or model of quantity, quality, extent, level of correctness ... intended as a criterion by which current judgments of value, quality, fitness and correctness are

conformed."

Types of Standards

Technical Standards:

Technical standards in library work are similar to industrial standards, and typically provide a measure of excellence or adequacy for a product or a thing

Charlotta C. Hensley, "Serials Standards (and Guidelines): Who Cares," in *Library Serials Standards: Development, Implementation, Impact: Proceedings of the Third Annual Serials Conference*, edited by Nancy Jean Melin (Westport, Conn.: Meckler Publishing, c1984), 87.



ISO 8:1977 PRESENTATION OF PERIODICALS

This International Standard sets out rules intended to enable editors and publishers to present periodicals in a form which will facilitate their use; following these rules should help editors and publishers to bring order and clarity to their own work. These requirements are of varying importance and may go against certain artistic, technical or advertising considerations.

Contents

- References
- Title of periodical
- Issue
- Numbering
- Volume
- Date

- Layout
- Running title
- Pagination
- Presentation of articles
- Contents list of issue

Layout

Typographic uniformity should be used in similar issues of a periodical. A variety of sizes and weights and other typographic and editorial methods should be used for distinguishing different issues of the text. The typography of articles, abstracts, abstracts sheets and bibliographical identification should follow the appropriate International Standard.

Serial Publications: Guidelines for Good Practice in Publishing Printed Journals and other Serial Publications

Prepared by a joint Working Group of Association of Learned and Professional Society Publishers, Association of Subscription Agents,

Serial Publishers Executive of the Publishers
Association

United Kingdom Serials Group
Published by United Kingdom Serials Group

Contents

- Title
- Information about the serial
- Issues
- Articles
- Format and presentation
- Standards, commercial, and legal requirements

Format and Presentation

The choice of formats may depend on the nature and contents of the serial. Factors to be considered include the number and types of illustrations and tables and the number of columns per page The choice of printer and prices will also be factors determining format.

SERIALS STANDARDS

COMPLIANCE

ISO Standards for the Presentation of Scientific Periodicals

Emilio Delgado López-Cózar

Journal of Documentation 55 no. 3 (June 1999): 288-309.

Sample consisted of 221 biomedical journals published in Spain

Compliance was assessed with a checklist of 136 elements derived from standards for the presentation of periodical publications developed by the ISO and from recommendations published by UNESCO, the International Committee of Medical Journal Editors, the Council of Biology Editors, and E.J. Huth

For most parameters, three aspects were evaluated: presence, presentation, and location

Compliance by Spanish biomedical journals was generally low

* 34.3% *

This reflected the complete absence of specific elements relating to the volume (cover, contents list, index) and abstract sheet, rather than a general neglect of a large number of standards.

Poor degree of compliance with standards by Spanish biomedical journals can be explained in part by the lack of familiarity with standards on the part of authors, editors, and publishers, and in part by the fact that these individuals and organizations are rarely involved in the creation and development of standards

CONCLUSIONS

- Standards for the presentation of periodicals are infrequently used and inadequately used
- Publishers may be understandably reluctant to implement standards that are technically complex ...
- The gestation and birth of a standard is an excruciatingly slow and complex problem

The Presentation of British Scientific Serials

Jacqueline Hills

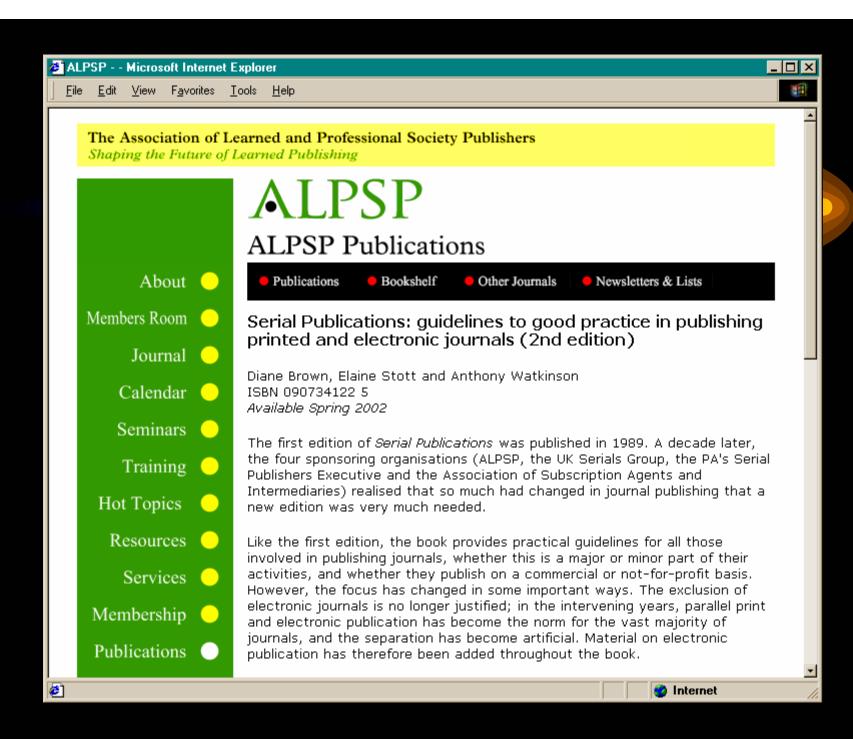
London: Aslib, March 1971.

Summary

- 168 most-cited British scientific serials examined to discover how they differ in their presentation
- The British standards for Presentation of Serial Publications (B.S. 2509: 1970) and Bibliographic References (B.S. 1629: 1950) were used as the bases of comparison

Summary

- Most of the recommendation of Bibliographic References (B.S. 1629:50) were followed by the majority of the serials, but fewer followed Presentation of Serial Publications (B.S. 2509: 1970)
- Chemistry and Medical serials adhere less to the standards requirements than serials in other fields

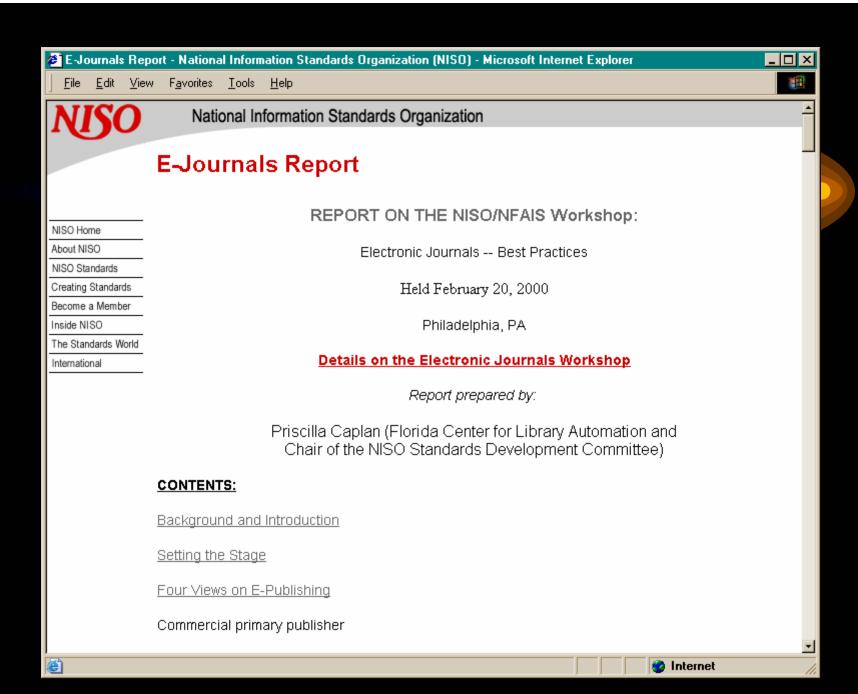


"Electronic serials may contain links to other sites, e.g., linking from a citation to an abstract or full-text database. They may also links to the author's primary datasets or executable files." ...

"[A] number of medical and scientific journals have links into the medical database Medline/PubMed ... and to the DNA and protein database GenBank"

"Links to computer programmes and data sets are also being setup."

"In many cases, the electronic version of a serial will be more than just a straight copy of the print version. It may contain more content, have links to further information, additional datasets, images, sound or video." ... "Alternatively, moving images and three-dimensional pictures can also be accommodated."



Regina Romano Reynolds

National Serials Data Program (NSDP)
Library of Congress

Publishers are experimenting with a new medium and need the freedom to try new approaches and models.

However

Publishers must keep librarians informed; librarians must realize that e-journals are in a state of transition and should expect experiment and change.

Neither side should forget the user!

Librarians need some predictability and stability.

The traditional bibliographic rules which governed the print world have not responded rapidly enough to the electronic environment.

Wish List to Publishers

- Carry 'masthead' information on the journal homepage, including issuing body, publisher and place of publication
- Show consistency in title presentation
- Maintain stable URLs
- Give information about differences between print and various electronic versions

SOLUTION

This is the right time to consider a standard or set of guidelines addressing the presentation of e-journals.

Defining 'best practices' would guide new ejournal publishers on 'how-to-do-it-better' and help established publishers provide reliable and predictable information to secondary publishers and librarians, their business partners.

Bibliographic Strip

ISO R 30

The Bibliographic Strip is a concise summary of bibliographic reference data; it is printed at the foot of the front page of the cover of a periodical; it facilitates, on the one hand, the arrangements of the periodicals and, on the other, the compilation of citations.

Eclectic Strip

The Eclectic Strip is an index of eclectic features, functionalities, and content available in a specific electronic journal; it is visible and prominent on the main page of the e-journal.

On the one hand, it facilitates identification and use of eclectic components, and, on the other, it facilitates the proper cataloging of the serial.

SOLUTION

CORC project holds potential for libraries to be able to create cataloging records for electronic resources more economically.

Embedded metadata may also hold promise – Some libraries have begun to embed metadata in HTML headers in their Web pages so that software such as that used in CORC can use the metadata to build catalog records automatically.



<u>Edit View Favorites Tools Help</u>





What's new

Topical Discussion group recommendations

Cybercast information

Candid photos from the conference

Greetings from the Director for Cataloging

Topical discussion groups

NAS study and 2 articles from the LC staff Gazette

Conference program

Speakers, commentators, and

Bicentennial Conference on Bibliographic Control for the New Millennium

Confronting the Challenges of Networked Resources and the Web

sponsored by the Library of Congress Cataloging Directorate

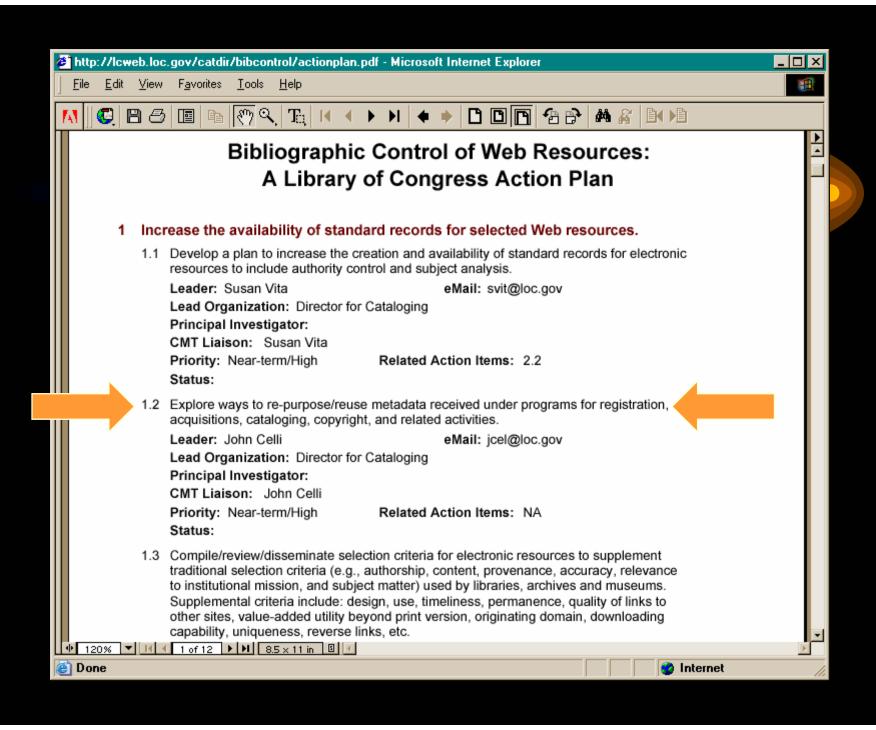
Bibliographic Control of Web Resources: A Library of Congress **Action Plan**

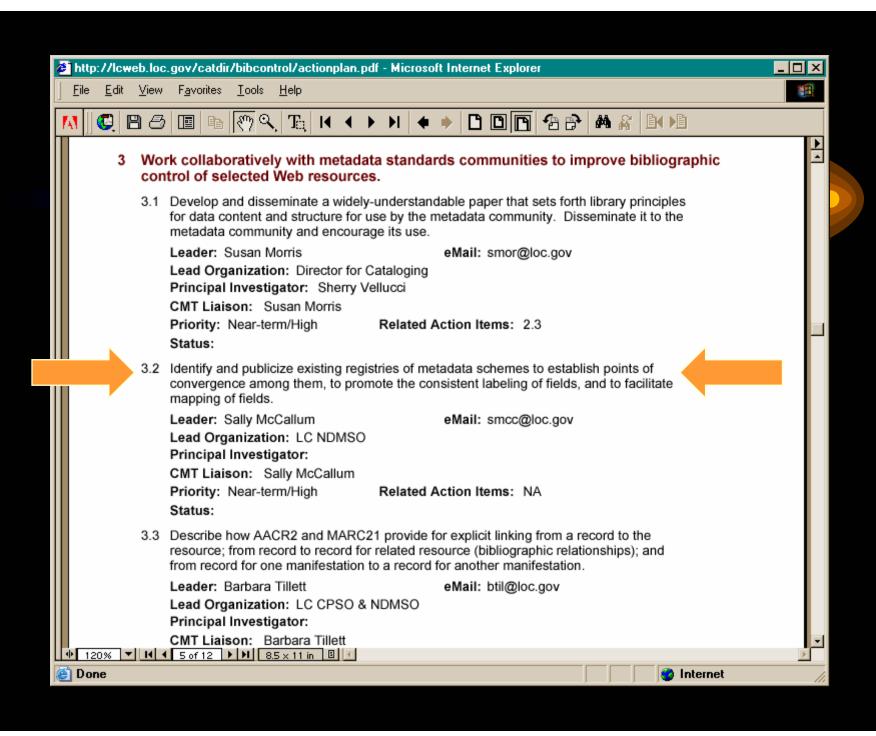
Revised April, 2002

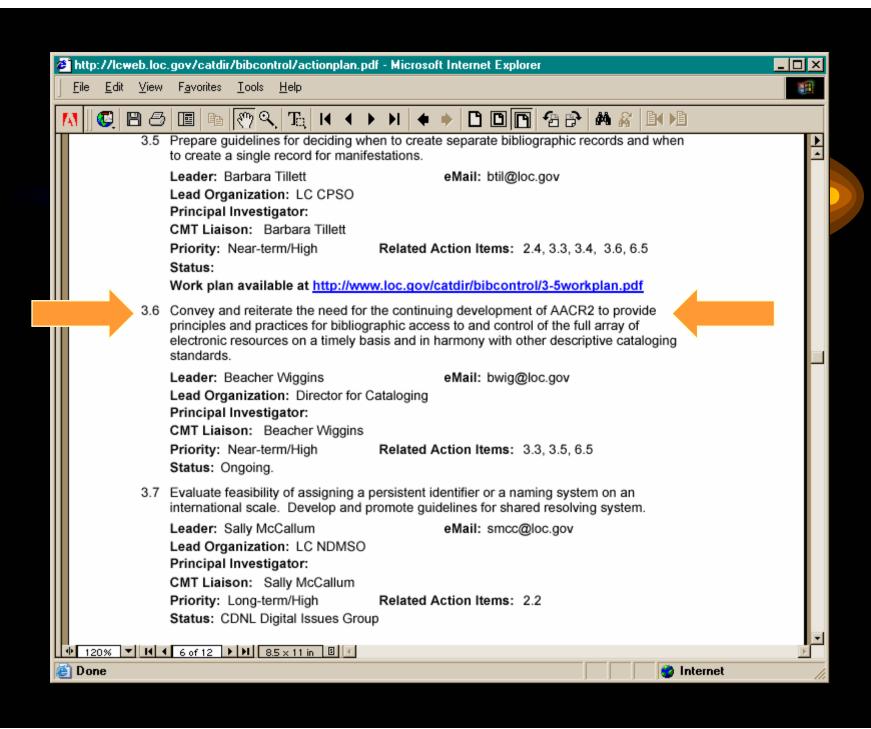
The Action Plan is now available in PDF format

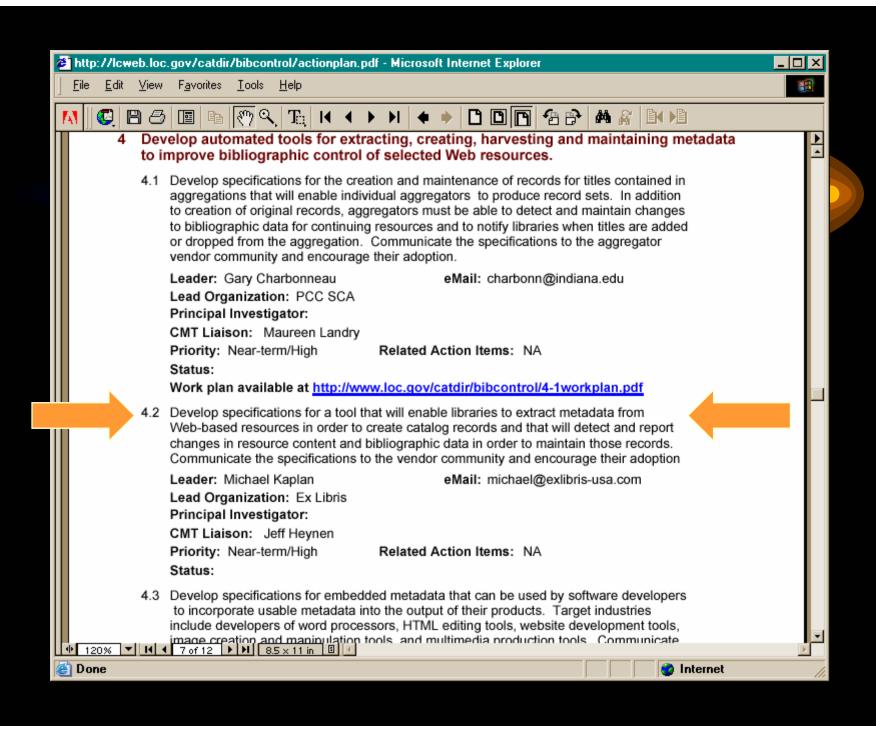
Introduction

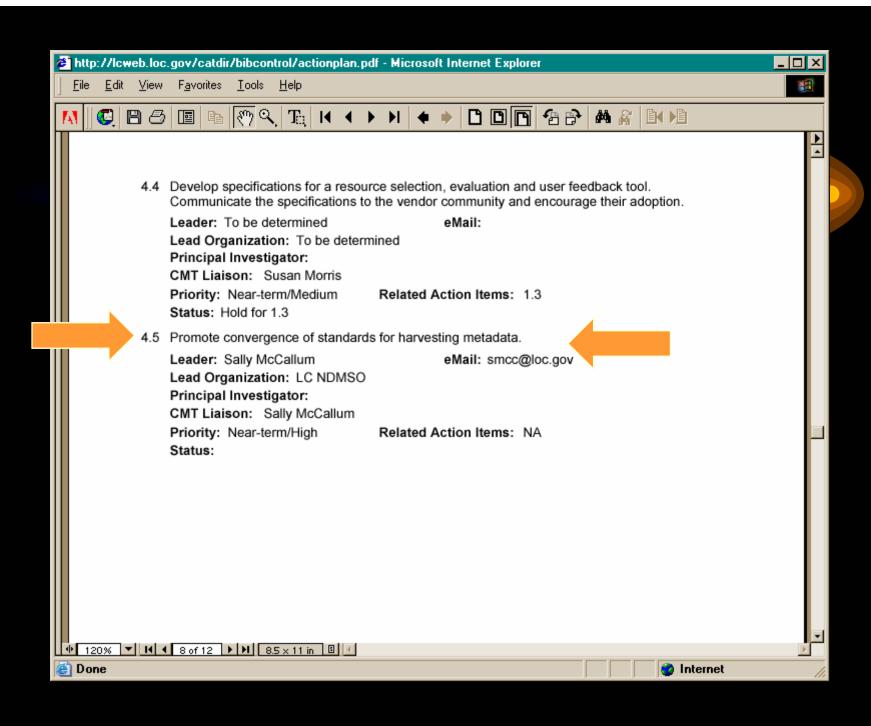
The Library of Congress Cataloging Directorate is pleased to issue "Bibliographic Control of Web Resources: A Library of Congress Action

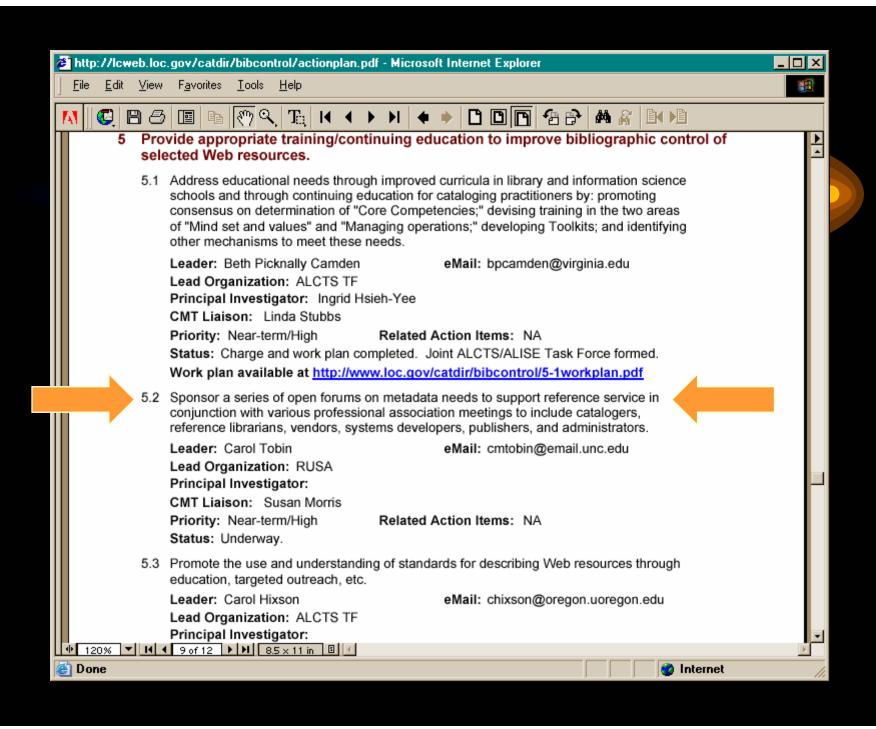


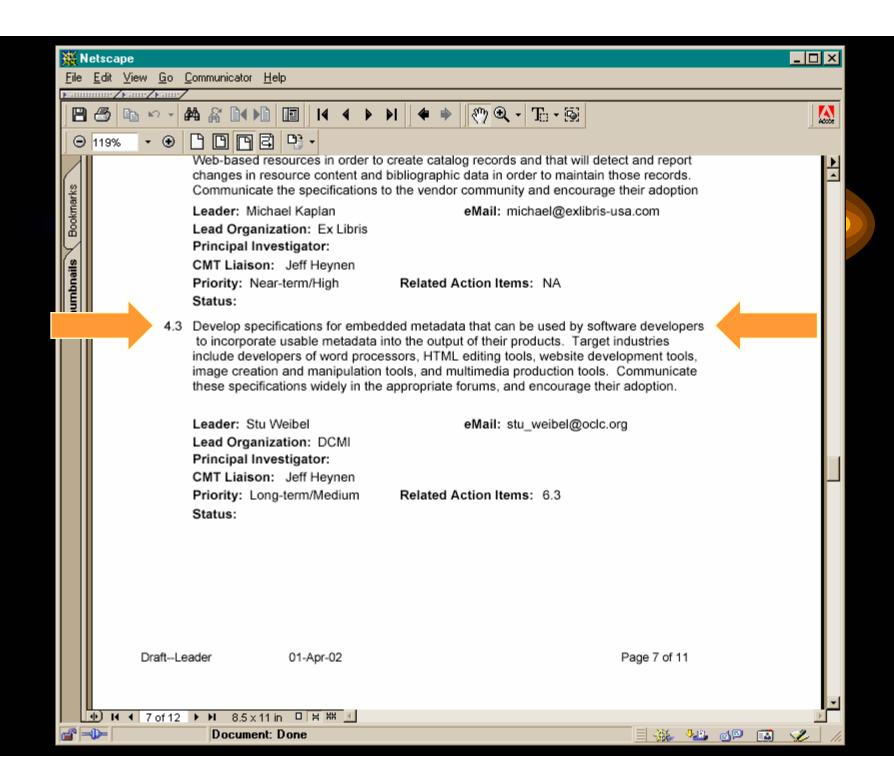












Cataloging: The Good, The Bad, and The Ugly

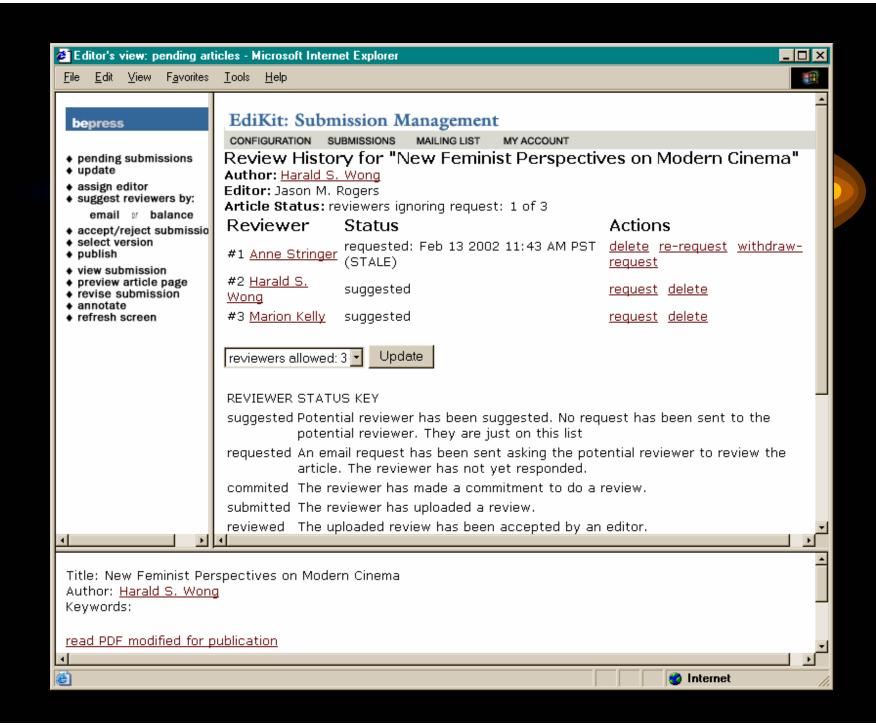
Regina Romano Reynolds

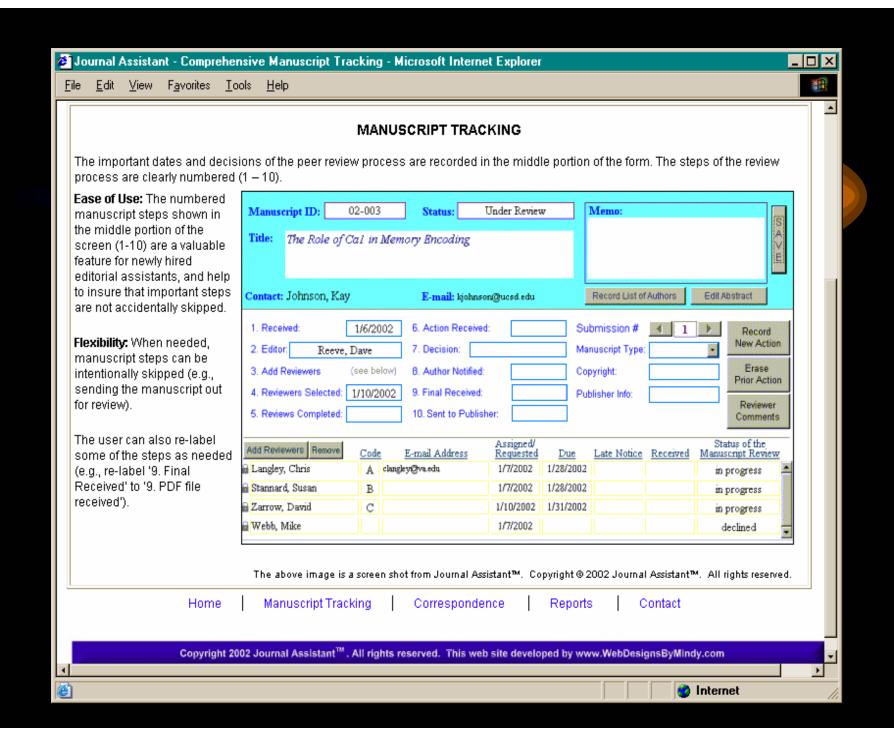
NASIG 2002 / Concurrent Session II / June 23 2002 / 8:30-9:45 AM

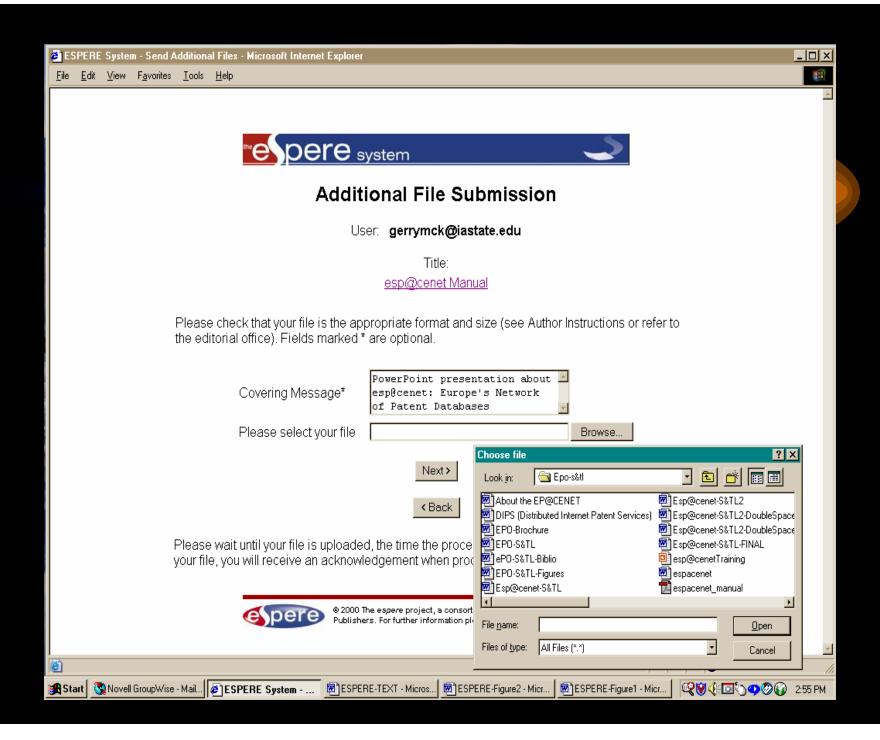
'Wish-list' of problems needing solution Rethink the roles of automated systems and cataloging standards

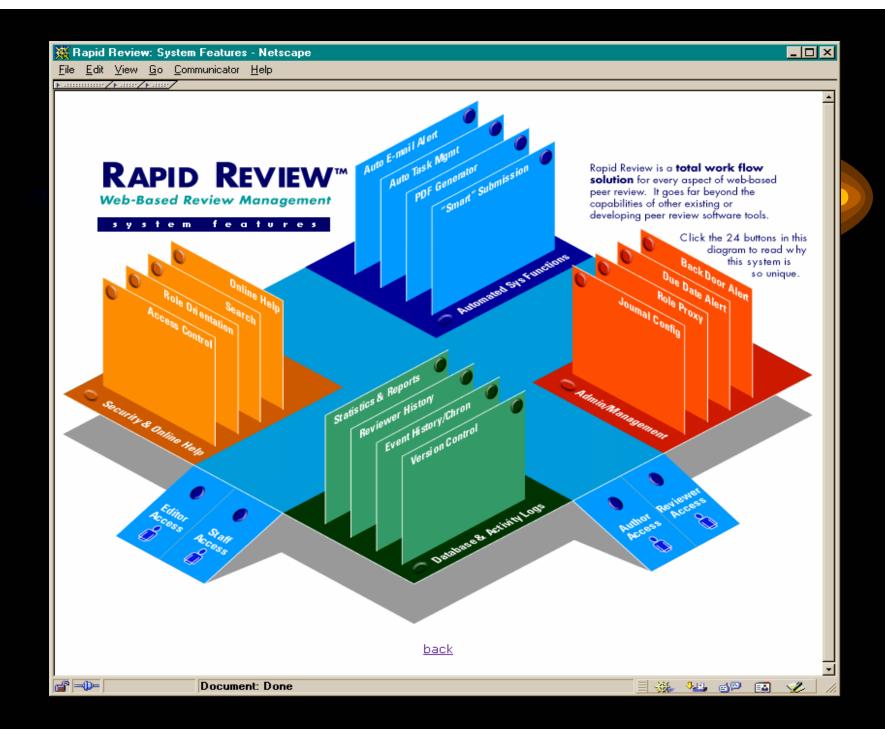
Take advantage of new technologies and partnerships

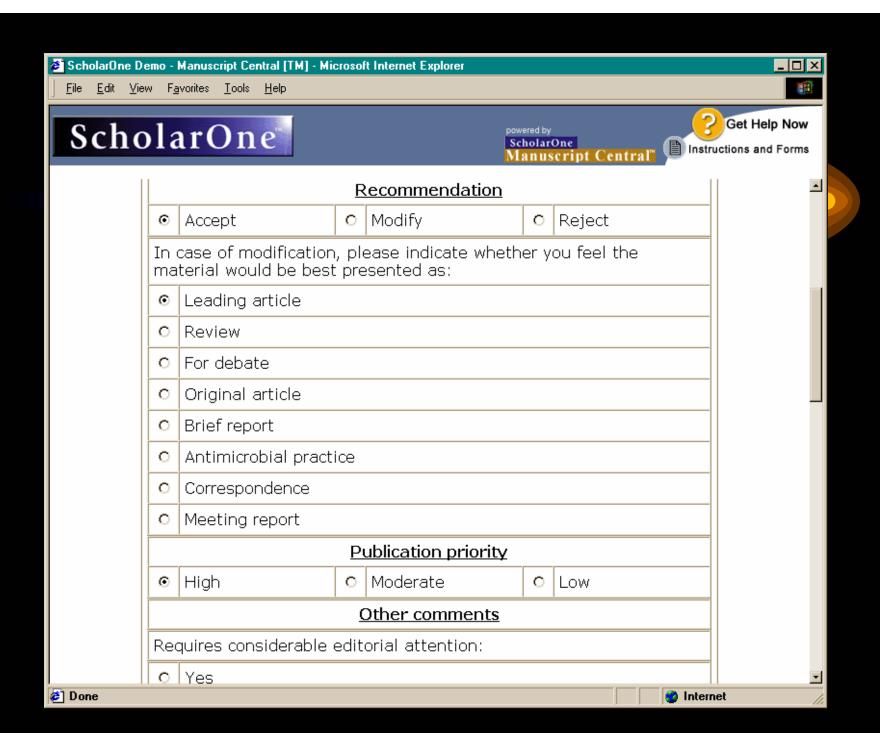
In recent years, a variety of experimental and commercial systems have been developed that facilitate the submission, management, and review of scholarly manuscripts for electronic and paper publication.











Web-based Journal Manuscript Management and Peer-Review Software and Systems

Library Hi Tech News 19(7):

(August 2002): 31-43

Opportunities

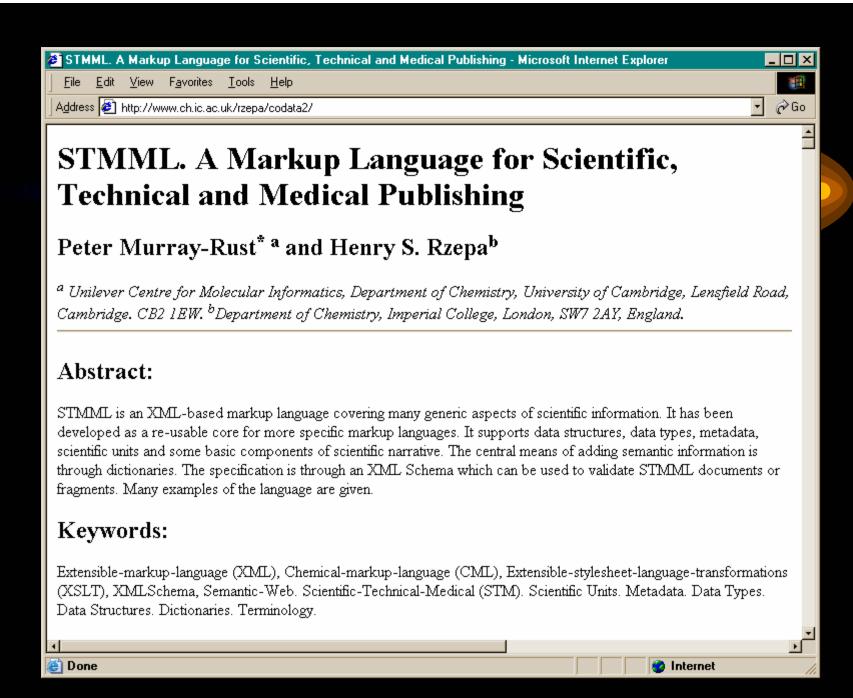
Value-Added Functionality

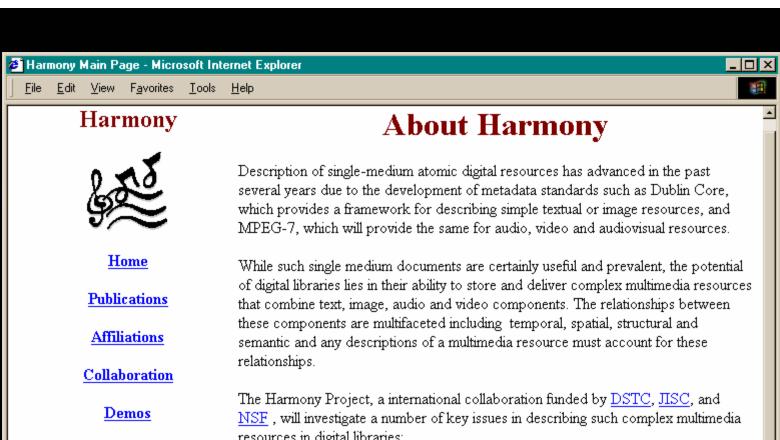
Aggregators
Vendors
Others

ECLECTIC INITIATIVE

ECLECTIC MARKUP LANGUAGE

E-ML





resources in digital libraries:

- · Collaborate with metadata communities to develop and refine developing metadata standards that describe multimedia components.
 - Investigate a conceptual model for interoperability among community-specific metadata vocabularies. Such a conceptual model should be able to represent the complex structural and semantic relationships in multimedia resources.
 - Investigate mechanisms for expressing such a conceptual model, including technologies currently under development in the W3C (XML, RDF, and their associate schema mechanisms).
 - Develop mechanisms to map between community specific vocabularies using such a conceptual model.

People





The METS schema is a standard for encoding descriptive, administrative, and structural metadata regarding objects within a digital library, expressed using the XML schema language of the World Wide Web Consortium. The standard is maintained in the Network Development and MARC Standards Office of the Library of Congress, and is being developed as an initiative of the Digital Library Federation.

News & Announcements

- o METS Editorial Board Formed (May 29, 2002)
- o New Version of METS Schema released (February 8, 2002)

METS Schema, & Documentation

- o METS Overview & Tutorial
- o METS Schema 1.0 (zeta)
- o METS Documentation [Created with XML Console software]
- o Xlink Schema

METS Schema (Proposed New Version)

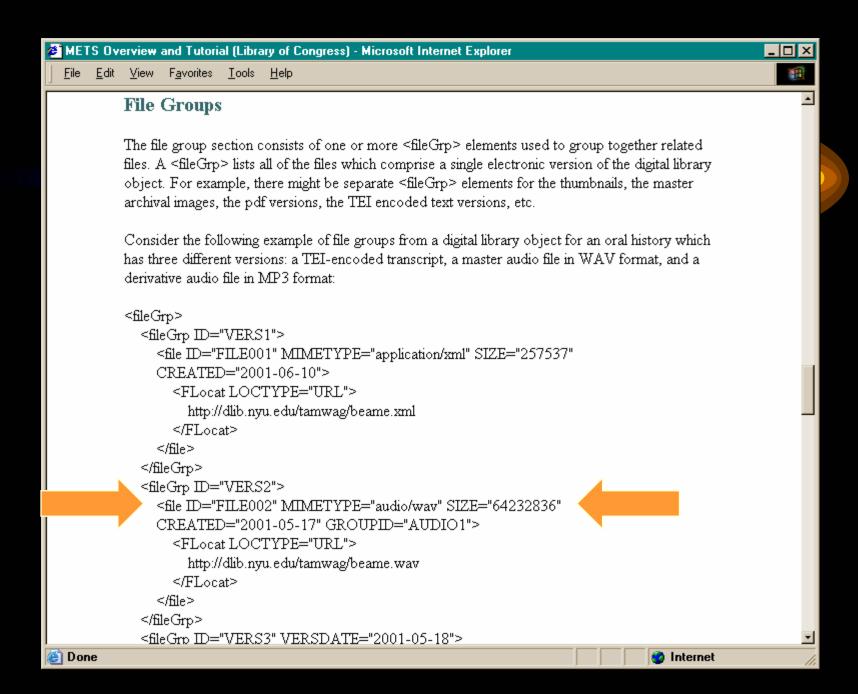
Official Web Site

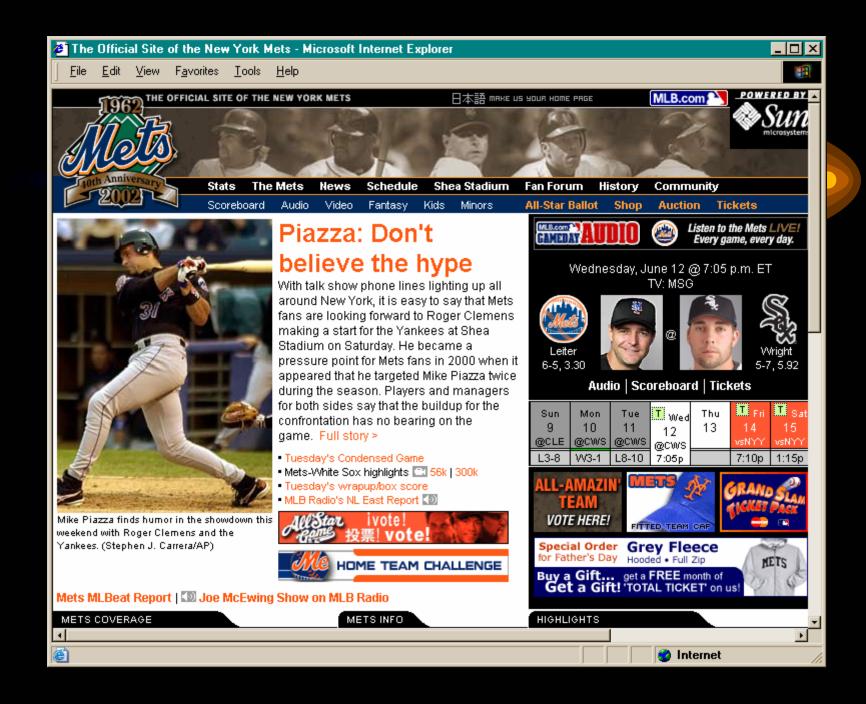
- 2. Administrative Metadata The administrative metadata section provides information regarding how the files were created and stored, intellectual property rights, metadata regarding the original source object from which the digital library object derives, and information regarding the provenance of the files comprising the digital library object (i.e., master/derivative file relationships, and migration/transformation information). As with descriptive metadata, administrative metadata may be either external to the METS document, or encoded internally.
- File Groups The file group section lists all files comprising all electronic versions of the digital object. File group elements may nest, to provide for subdividing the files by object version.
- Structural Map The structural map is the heart of a METS document. It outlines a
 hierarchical structure for the digital library object, and links the elements of that structure to
 content files and metadata that pertain to each element.

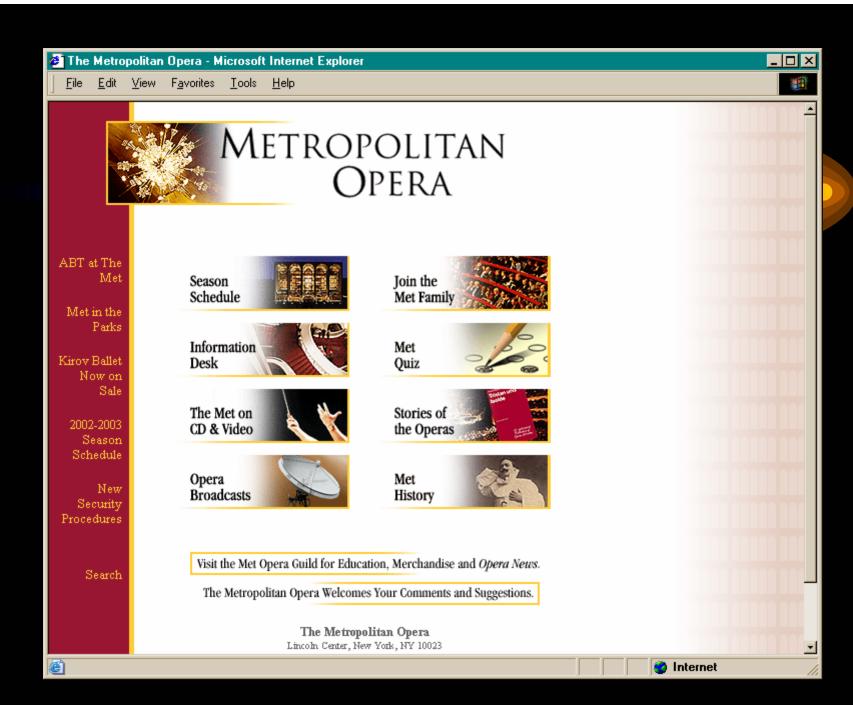
A more detailed explanation of each section and their inter-relations follows.

Descriptive Metadata

The descriptive metadata section of a METS document consists of one or more <dmdSec> (Descriptive Metadata Section) elements. Each <dmdSec> element may contain a pointer to external metadata (an <mdRef> element), internally embedded metadata (within an <mdWrap>







Continuing and Integrating Resources

AACR2 Chapter 12

Dynamic Resources

"The future of scholarship will be both diverse and complicated, with rich options for publication in a variety of multimedia."

Edward J. Valauskas

Waiting for Thomas Kuhn: First Monday and the Evolution of Electronic Journals

Journal of Electronic Publishing 3(1)

September 1997

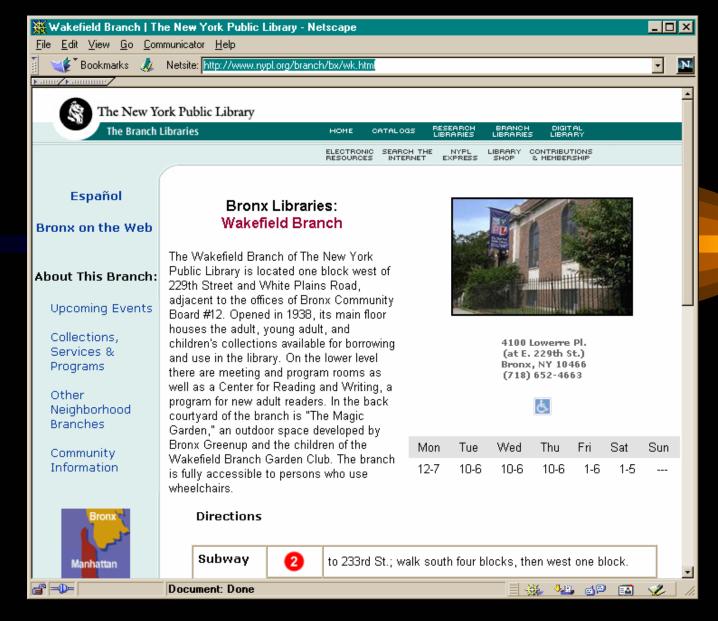
http://www.press.umich.edu/jep/03-01/FirstMonday.html

"The future of scholarship will be both diverse and complicated, with rich options for publication using a variety of eclectic features, functionalities, and content. To facilitate access and use, catalogers and cataloging should identify and delineate these components."

Gerry McKiernan

Seize the E:! The Eclectic Journal and Its Ramifications Transforming Serials: The Revolution Continues
June 22 2002 | 10:30 AM – 11:45 PM
College of William and Mary | Williamsburg VA

DEDICATION

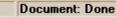


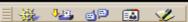




[site developed courtesy of Broadway Online Inc.]







THANK YOU FOR YOUR ATTENTION

The Static and the Dynamic: Embedded Multimedia in Electronic Journals

Technicalities 20(4): 1, 11-14 July/August 2000

E is for Everything: The Extra-Ordinary, Evolutionary [e-]Journal

The Serials Librarian 43(3/4): (2002) 293 - 321

http://www.public.iastate.edu/~gerrymck/SLv41n3-4.pdf

Think Outside the Block

Think Outside

the

TEXT

Block

Seize The E!

EJI(sm)

http://www.public.iastate.edu/ ~CYBERSTACKS/ EJI.htm