Implementing Primo at the University of Iowa Libraries

Brian Thompson  
*University of Iowa*

Sue Julich  
*University of Iowa*

Wendy Robertson  
*University of Iowa*
Implementing Primo at the University of Iowa Libraries

Brian Thompson, Systems Librarian
Sue Julich, Head of Enterprise Applications and Web Services
Wendy Robertson, Digital Resources Librarian
Implementing Smart Search – the Next Generation

Sue Julich
University of Iowa Libraries
Applications and Web Services

ILA Preconference – Dubuque, IA 2008
Iowa Systems

- InfoHawk (Aleph)
- MyLibrary (MetaLib)
- InfoLink (SFX)
- Iowa Digital Library (CONTENTdm)
- Gateway (a local database of databases)
- Smart Search (Primo)
Iowa Staff

- Library Information Technology
  - Enterprise Applications and Web Services
    - 4 FTE
  - Digital Library Services
    - 5 FTE
  - Desktop Support
    - 3 FTE
  - Systems Administration
    - 1 FTE
  - 3 Programmers from Central IT
Projects at Iowa

- Project Leader(s)/Coordinator(s)
- Administrative Liaison
- Several task focused groups (task force; working group, etc.)
- Decisions made by group consensus
- Many meetings / a lot of time
Assumptions

- We don’t know if/how Primo will replace the OPAC
- Users expect to search first and think later. Facets and drilling down into a result set can replace complex queries.
- Quality relevance ranking trumps precision
- Fast response time is required for a model that implicitly encourages inefficient searching
Assumptions

- De-duping and FRBRizing algorithms are complicated – we cannot divert significant time/energy to fine-tune these algorithms.
- We should not spend time on theoretical decisions affecting hypothetical situations.
- The University of Minnesota is similar enough to our own institution that we should normally accept their conclusions regarding usability (unless there is a compelling reason not to do so).
## The PIT – Primo Implementation Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Manag.</th>
<th>Sys. Admin.</th>
<th>Data</th>
<th>Front End</th>
<th>Inter-op</th>
<th>MetaLib</th>
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<td>Julich</td>
<td>X</td>
<td></td>
<td>X</td>
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<td>X</td>
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<tr>
<td>Ostrem</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
Additional Staffing

- PIATF – Primo Implementation Advisory Task Force
  - Advisory only
  - Alleviate concerns

- Vendor Support
  - Weekly conference calls with support team
Communication

- PIATF meetings
  - Members communicate with constituents
  - Meeting minutes posted for all staff
- Primo Sharepoint Site
  - Documentation
    - Local
    - Formal
  - Project Plan
  - Updates
Day 1 Required Functionality

- Simple search box on Library home page leading to a Primo results screen
- Content includes InfoHawk (Aleph), SFX e-journals, Gateway databases
- Users can drill down into search results using a variety of facets including LC subject headings
- Results are ranked effectively
- Response time is less than five seconds, with sub-second internal response
- All of the performance requirements specified in the license agreement are met
Day 1 Required Functionality
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- Simple search box on Library home page leading to a Primo results screen
- Content includes InfoHawk (Aleph), SFX e-journals, Gateway databases
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- Results are ranked effectively
- Response time is less than five seconds, with sub-second internal response
- All of the performance requirements specified in the license agreement are met
InfoHawk (Aleph)

InfoLink (SFX)
19th century U.S. newspapers
Thomson Gale (Firm)
Thomson Gale 2006

Grant's Petersburg Progress
United States. Army. Wisconsin Infantry Regiment, 37th (1864-1865); United States. Army. Michigan Infantry Regiment, 8th (1861-1865)
Petersburg, VA 1865
Day 1 Required Functionality

- Simple search box on Library home page leading to a Primo results screen
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- Users can drill down into search results using a variety of facets including LC subject headings
- Results are ranked effectively
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Facets

- Availability
- Resource Type
- Collection (location)
- Topic
- Creation Date
- Author/Creator
- Classification
- Genre/Form
- Geographic
Day 1 Required Functionality

- Simple search box on Library home page leading to a Primo results screen
- Content includes InfoHawk (Aleph), SFX e-journals, Gateway databases
- Users can drill down into search results using a variety of facets including LC subject headings
- Results are ranked effectively
- Response time is less than five seconds, with sub-second internal response
- All of the performance requirements specified in the license agreement are met
Exact title isn’t until #16 in the list
Results Ranking

- [table removed showing details of how fields are ranked]
4.0

Charlotte Brontë, Jane Eyre

Author: Jœrg Kubrick, Charlotte Brontë 1816-1855,

Subjects: Brontë, Charlotte, 1816-1855, Jane Eyre,

Related Titles: Series: Uni-Taschenbucher ; 1367

Publisher: W. Fink
Creation Date: c1965
Format: 103, (1) p.; 19 cm.
Language: German

This item in the Library Catalog
View in WorldCat
This item in Google Books®

Add to e-Shelf
On Shelf (GetIt)

Keeping this item
E-mail
Print

Tagging
What is tagging?
Ignore my query and look for everything tagged:

My tags for this item:
Sign in to see your tags and add new ones

Availability and location:
Available: Main Library (PR4167.J3 R8 1985)

Reviews:
Sign in to write a review.
Day 1 Required Functionality

- Simple search box on Library home page leading to a Primo results screen
- Content includes InfoHawk (Aleph), SFX e-journals, Gateway databases
- Users can drill down into search results using a variety of facets including LC subject headings
- Results are ranked effectively
- Response time is less than five seconds, with sub-second internal response
- All of the performance requirements specified in the license agreement are met
Day 1 Desirable Functionality

- Desirable
  - Library web pages are included
  - Digital library collections (via CONTENTdm) are included
  - Social tagging is supported
  - MetaLib is enabled for remote searching via Primo’s user interface
Search for

hardin library for health sciences

Limit:
All items that contain my query words anywhere in the record

My Preferences Advanced Search

results for All Local Resources

Hello, Guest

Sign in to have full access and to keep things. Why sign in?

To enter my workspace

1,496 results, sorted by: relevance

1. Heirs of Hippocrates: the development of medicine in a catalogue of historic books in the Hardin Library for the Health Sciences, the University of Iowa

Hardin Library for the Health Sciences

The University of Iowa Libraries

Hardin Library for the Health Sciences, the University of Iowa c2005-

Add to e-Shelf Online access (GetIt)

2. Introduction - Hardin Library for the Health Sciences - The University of Iowa Libraries

The University of Iowa Libraries

Hardin Library for the Health Sciences

Add to e-Shelf Online access (GetIt)

3. Hardin Library for the Health Sciences - The University of Iowa Libraries

The University of Iowa Libraries

Hardin Library for the Health Sciences

Add to e-Shelf Online access (GetIt)

Refine My Results

Narrow my results by limiting the search to:

Availability:
- online_resources (1,486)
- available (1,485)

Resource Type:
- Other (1,486)
- Books (6)
- Journals (2)

Collection:
- Hardin Library for Health Sciences (6)
- Special Collections (2)
- Government Publications (2)
- Electronic (1)
- Main Reference (1)

Topic:
Day 1 Desirable Functionality

- Desirable
  - Library web pages are included
  - Digital library collections (via CONTENTdm) are included
  - Social tagging is supported
  - MetaLib is enabled for remote searching via Primo’s user interface
Search for

victorian cards

Limit to:
- All items
- that contain my query words
- anywhere in the record

My Preferences
Advanced Search

results for All Local Resources

280 results, sorted by: relevance

1. Victorian trade cards
   University of Iowa. Digital Library Services 2007
   - Add to e-Shelf
   - Online access (GetIt)

2. Patterson & Smith: "The Continental fine linen collars will please you"
   unknown Padilla, Donald G.
   University of Iowa. Libraries. Special Collections Dept. 189-
   - Add to e-Shelf
   - Online access (GetIt)

3. "Walk humbly with thy God"
   unknown Padilla, Donald G.
   University of Iowa. Libraries. Special Collections Dept. 199-
   - Add to e-Shelf
   - Online access (GetIt)

4. "Mame L. Bonman"
   unknown Padilla, Donald G.
   University of Iowa. Libraries. Special Collections Dept. 188-
   - Add to e-Shelf
   - Online access (GetIt)

Refine My Results

Narrow my results by limiting the search to:
Availability:
- online resources (285)
- available (285)

Resource Type:
- Text Resources (277)
- Other (8)

Collection:
- adcards (277)
- Electronic (1)

Topic:
- 1860-1890 (277)
- United States -- Iowa -- Marion (112)
- Men (74)
- Women (72)
- Children (44)
- Show 15 more

Author/Creator:
- Padilla, Donald G. (277)
Search for

victorian cards

Limit:

All items  that contain my query words  anywhere in the record

Details

Patterson & Smith: "The Continental fine linen collars will please you"

Author: unknown ;
Padilla, Donald C. ;
Subjects: Victorian cards ;
Soldiers ;
Roses ;
Hall, Sadie ;
Patterson & Smith ;
United States -- Iowa -- Marion ;
1880-1890 ;
Related Titles: Victorian Trade Cards ;
In process
Publisher: University of Iowa.
Special Collections Dept.
Creation Date: 188-
Rights: Information on use of images:
http://digital.lib.uiowa.edu/rights mgrm/pecoll.htm

Keeping this item

E-mail
Print

Push to 6.0

Tagging

What is tagging ?

Ignore my query and look for everything tagged.

My tags for this item:

Sign in to see your tags and add new ones

Everybody's tags for this item: Cloud / List

Add to e-Shelf
Online access (Cost)

Reviews:

Sign in to write a review

Haven't Found What You're Looking For?

Similar Items
Day 1 Desirable Functionality

- Desirable
  - Library web pages are included
  - Digital library collections (via CONTENTdm) are included
  - Social tagging is supported
  - MetaLib is enabled for remote searching via Primo’s user interface
Day 1 Desirable Functionality

- Desirable
  - Library web pages are included
  - Digital library collections (via CONTENTdm) are included
  - Social tagging is supported
  - MetaLib is enabled for remote searching via Primo’s user interface
MyLibrary (MetaLib)

Search for

Limit to:
- General Resources
- My Art
- Business
- Communication
- Education
- Engineering
- Government Resources
- Health Sciences
- Law
- Literature & Humanities
- Math
- Music
- Political Science
- Psychology
- Religion
- Social Work
- Sociology

What People are Saying About Smart Search

Smart Search (March 12, 2008)

If you are looking for information about a topic doing a broad, default search, Smart Search will provide you with links to a lot of information. The default search looks for all items that contain the words in your search string in any order, anywhere in the record. After the results are returned, you can focus in on the types of information you are looking for by using the Refine My Results facets on the right side of the result page. Are you looking for only online resources? Follow the online resources link under the Top Level facet to limit the result set to those resources that are available online. Do you want to narrow your search results to only German language videos? Use the Language and the Genre/Form facets. The numbers in parentheses indicate how many records you’ll see if you refine by a particular facet.

If you are looking for a specific title, author, topic or format when you do a search, change the Limit to options that can.
Implementation Timeline

- **April 2007**
  - Implementation Team is convened
  - Hardware is spec’d and ordered

- **May 2007**
  - Hardware installed, configured and tested
  - Software installation
  - Implementation Team is trained

- **June 2007**
  - Initial data is loaded
  - Configuration begins
    - Primo Implementation Advisory Task Force is convened
    - Staging Server is received and configured
Implementation Timeline

- **July-August 2007**
  - Worked with normalization rules
  - Loaded CONTENTdm records
- **September 2007**
  - Staff are invited to use and comment on Primo
- **October 2007**
  - Smart Search available to the public in Beta
- **January 2008**
  - Smart Search goes to Production
- **March 2008**
  - Spring Break Re-load of Data
Iowa Primo Server Architecture:

- **primo1**: Front end presentation “Traffic cop”
- **primo2**: Search Slice
- **primo3**: Search Slice
- **primo4**: Search Slice
- **primo5**: Back end harvesting configuration
- **mylibrary Metalib**:
- **waves**: Production DB, Test Publishing
- **primo6**: Staging Server
- **NFS**:
- **Off-campus resources**:
- **Publishing Platform**:
- **digital.lib**: CONTENTdm, Digital Resources
- **itsnt142**: E-Resources (SQL)
- **www.lib**: Library web pages

**Server types**:
- Library Linux
- ITS AIX
- Library Windows
- ITS Windows
Data, Indexing & Display
Know your Data

Understand the System Settings

Recognize the Possibilities
Pay Attention to the Details
Don’t Lose Sight of the Big Picture
Put the Patron’s Needs First
Indexing

Search for

Go

What People are Saying About Smart Search

Refine My Results
Narrow my results by limiting the search to:
Availability:
▷ Online Resources (682)
▷ Available (17,467)

Resource Type:
▷ Books (17,698)
▷ Journals (191)
▷ Videos (105)
▷ Text Resources (11)


Author: Illinois Medieval Association.
Subjects: Civilization, Medieval -- Congresses; Middle Ages -- Congresses
Publisher: Illinois Medieval Association
Language: English
Creation Date: 1987-
Format: v. : ill. ; 22 cm.

This item in the Library Catalog
Online Version

Add to e-Shelf
Online access (GetIt)
Integration of Digital Content
Non-MARC Data: Converted to MARC

E-resources database

<table>
<thead>
<tr>
<th>Leader</th>
<th>^^^^^^ngol^g^^^^^^^^^g^^^^^</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>OWN     a SUPPR</td>
</tr>
<tr>
<td>Date and Time</td>
<td>0 0 6     a 20080311153958.0</td>
</tr>
<tr>
<td>Fixed Data</td>
<td>0 0 6     a 070718c200u999999w^^^^81jw^^^^^0^^^^0ong^d</td>
</tr>
<tr>
<td>Main Title</td>
<td>2 4 6 0 4  a The Afghanistan Digital Library</td>
</tr>
<tr>
<td>Summary Note</td>
<td>6 2 0     a The Afghanistan Digital Library will retrieve and restore works published in Afghanistan between 1870 and 1930; the long-term objective is to collect, catalogue, digitize and provide access to as many of this period’s publications as possible.</td>
</tr>
<tr>
<td>Elec. Loc. Acc</td>
<td>0 5 6 4 0  u <a href="http://purl.lib.uiowa.edu/rdcgi/http://dlib.nyu.edu/dlib/bobst/adl/">http://purl.lib.uiowa.edu/rdcgi/http://dlib.nyu.edu/dlib/bobst/adl/</a></td>
</tr>
<tr>
<td>Gateway Info</td>
<td>9 3 0     a Gateway</td>
</tr>
<tr>
<td>Gateway Info</td>
<td>9 3 0     a Middle Eastern Studies</td>
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<tr>
<td>Gateway Info</td>
<td>9 3 0     a South Asian Studies</td>
</tr>
<tr>
<td>Gateway Info</td>
<td>9 3 0     l 2884</td>
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<tr>
<td>Title info</td>
<td>9 4 5     c GATEWAY</td>
</tr>
<tr>
<td></td>
<td>d 20071207</td>
</tr>
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</table>
Non-MARC Data: Dublin Core XML

ContentDM

xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd">
  <dc:title>Eminent domain</dc:title>
  <dc:creator>O'Brien, Don, 1947-</dc:creator>
  <dc:publisher>University of Iowa Press</dc:publisher>
  <dc:date>1987</dc:date>
  <dc:language>English</dc:language>
  <dc:description>"Eminent Domain bears the hallmark of a mature and talented author. While subtle metaphors and
  Front flap.</dc:description>
  <dc:relation>Winter cat -- Cowboy on the Concord Bridge -- Seals -- Eminent domain -- The Inheritance -- Weightless --
  The wild geese -- Strand of wire -- Final touches -- The Georgia breeze.</dc:relation>
  <dc:subject />
  <dc:subject />
  <dc:contributor>Morris, Mary, 1947-</dc:contributor>
  <dc:relation>University of Iowa Press collection</dc:relation>
  <dc:relation>Iowa short fiction award</dc:relation>
  <dc:date>1986</dc:date>
  <dc:publisher>University of Iowa Press</dc:publisher>
  <dc:identifier>0877451702</dc:identifier>
  <dc:format>135 p.; 23 cm</dc:format>
  <dc:format>image/jpeg</dc:format>
  <dc:date>2006-09-19</dc:date>
  <dc:rights>Copyright 1987 by Don O'Brien. No part of this book may be reproduced or utilized in any form or by any means,
electronic or mechanical, including photocopying or recording, without permission in writing from the
publisher.</dc:rights>
  <dc:identifier />
  <dc:type>Text; Still image; Books; Short stories; American fiction</dc:type>
  <dc:relation />
  <dc:relation />
  <dc:identifier>170925006</dc:identifier>
</oai_dc:dc>
Digital object from CDM

Traditional MARC records from ILS

Collection level record for digital collection from catalog
These come from the electronic resources database

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<th>Record</th>
<th>Title</th>
<th>Location</th>
<th>Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>EuroDocs (View details)</td>
<td>9999</td>
<td>Online access</td>
</tr>
<tr>
<td>6</td>
<td>The Catholic Encyclopedia (View details)</td>
<td>9999</td>
<td>Online access</td>
</tr>
<tr>
<td>7</td>
<td>British History Online (View details)</td>
<td>9900</td>
<td>Online access</td>
</tr>
<tr>
<td>8</td>
<td>Mediaeval studies (Online) (View details)</td>
<td>Institute of Mediaeval Studies; Pontifical Institute of Mediaeval Studies; Pontifical Institute of Mediaeval Studies 1939</td>
<td>Online access</td>
</tr>
<tr>
<td>10</td>
<td>The medieval review TMR. (View details)</td>
<td>Western Michigan University, Medieval Institute</td>
<td>Online access</td>
</tr>
</tbody>
</table>
Facet Terms Merged

Trade cards

- Genre/form:
  - Still image (278)
  - jpeg (277)
  - Text (277)
  - Trade cards (277)
  - Chromolithographs (169)
  - Lithographs (108)

Szathmary

- Genre/Form:
  - Text (114)
  - Promotional materials (109)
  - Recipes (108)
  - Still image (105)
  - Cookbooks (98)
  - Website (17)
  - Menus (14)
  - Calendars (3)
  - Scores (3)
  - Exhibitions (2)
  - Housebooks (1)
  - Video recordings for the hearing impaired (1)
  - Labels (identifying artifacts) (1)
  - Comedy television programs (1)
  - Pamphlets (1)
    - Hide last 10

African American women

- Genre/Form:
  - Text (235)
  - Website (176)
  - Biography (106)
  - Still images (38)
  - Fiction (34)
  - Interviews (23)
  - Domestic fiction (23)
  - Psychological fiction (14)
  - Photographs (14)
  - Poetry (14)
  - Newsletters (9)
  - Drama (9)
  - Encyclopedias (6)
  - Sources (3)
  - Pamphlets (3)
  - Bildungsromane (1)
  - Directories (1)
  - Handbooks (1)
    - Hide last 13

Iowa City

- Genre/Form:
  - Still image (3,579)
  - Photographs (3,204)
  - jpeg (2,360)
  - Directories (401)
  - Periodicals (316)
  - Maps (138)
  - Genealogy (80)
  - Speeches (78)
  - Moving image (71)
  - Records and correspondence (37)
  - Statistics (37)
  - Guidebooks (32)
  - Clippings (30)
  - Statistics Periodicals (18)
  - Books (10)
  - Administrative records (5)
  - Annual reports (2)
  - Ordinances (1)
  - Moving images (1)
    - Hide last 14
Merging Records
De-Duplication - Identical

One record

Three links to ILS

Call numbers for all locations
De-Duplication—Print + Online

Mediaeval studies (Online) (View details)
Institute of Mediaeval Studies.; Pontifical Institute of Mediaeval Studies. Pontifical Institute of Mediaeval Studies 1939

Mediaeval studies (Online)

Author: Institute of Mediaeval Studies.; Pontifical Institute of Mediaeval Studies.
Subjects: Civilization, Medieval -- Periodicals; Civilisation médiévale -- Périodiques; Middeleeuwen
Publisher: Pontifical Institute of Mediaeval Studies
Language: English; French; Latin
Creation Date: 1939

This item in the Library Catalog
This item in the Library Catalog
Online Version

Add to e-Shelf

Availability and location:
Available: Electronic Resource (For online access, see URL above)
Check Availability: Main Library (D111_M44)
ILS & CDM non-Merger
Clustering

Records clustered. Link to see all records.

Individual records in cluster
Clustering—Print + Online

Journal of Public Inquiry (Online) (View details)
President's Council on Integrity and Efficiency (U.S.); Executive Council on Integrity and Efficiency (U.S.)
Office of Inspector General, Nuclear Regulatory Commission 1995

There are 2 versions of this item
Add to e-Shelf
Online access (GetIt)

Journal of Public Inquiry (Online)
Author: President's Council on Integrity and Efficiency (U.S.); Executive Council on Integrity and Efficiency (U.S.)
Subjects: Finance, Public -- United States -- Accounting -- Periodicals; Finance, Public -- United States -- Auditing -- Periodicals; Administrative agencies -- United States -- Auditing -- Periodicals; Executive departments -- United States -- Auditing -- Periodicals
Publisher: Office of Inspector General, Nuclear Regulatory Commission
Language: English
Creation Date: 1996
Click here to view additional versions of this item
This item in the Library Catalog
Online Version

Journal of Public Inquiry (Online) (View details)
President's Council on Integrity and Efficiency (U.S.); Executive Council on Integrity and Efficiency (U.S.)
Office of Inspector General, Nuclear Regulatory Commission 1995
Add to e-Shelf
Online access (GetIt)

The Journal of Public Inquiry (View details)
Office of Inspector General, Nuclear Regulatory Commission 9999
Add to e-Shelf
Multiple Formats Cluster

Harry Potter and the prisoner of Azkaban (View details)
Alfonso Cuaron; Chris Columbus; David Heyman; Steven Kloves; Daniel Radcliffe 1989-; Emma Watson 1990-; Rupert Grint 1988-; Julie Christie; Robbie Coltrane; Michael Gambon; Gary Oldman; Alan Rickman; Maggie Smith 1934-; Fiona Shaw 1958-; John Williams 1932-; J. K. Rowling; Warner Bros. Pictures (2001-); Heyday Films.; 1492 Pictures.; P & A Productions.; Warner Home Video (Firm).

Add to e-Shelf  DVD  On Shelf  (Getit)

Add to e-Shelf  VHS  On Shelf  (Getit)

Harry Potter and the prisoner of Azkaban (View details)
J. K. Rowling

Add to e-Shelf
Merging Problems
No Control Over Primary Display
Title Change Problem

Earlier Title: American law register and review
Later Title: American law register and review

University of Pennsylvania. Dept. of Law.
Philadelphia, Pa.: The Department c1898-1907

2 versions of this item in English published between 1852-1898

Online access (GetIt)

Journal

Later Title: American law register and review
Earlier Title: American law register and review

Journal
Title Change Problem


Earlier title from latest title record

Author: State Historical Society of Iowa;
Subjects: Iowa -- History -- Periodicals;
Additional Title: Iowa journal of history and politics
Related Titles: Earlier Title: Iowa historical record
Publisher: Iowa City: The State Historical Society of Iowa.
Creation Date: 1903
Format: 59 v. plates (part fold.) maps. 24-27 cm.
Language: English

Check Availability (GetIt)
Unrelated Titles Problem

A publication about decorative arts

A publication about dwellings
Name Problems
Name display

6. The authorized illustrated book of Roger Zelazny
Roger Zelazny, Gray Morrow, Byron Preiss
Baronet Pub. Co. 1978

7. The alien critic: An informal science fiction & fantasy journal
University of Iowa Libraries. Special Collections Dept. 1973-11

Add to e-Shelf
Online access
Different Sources for Name

What artist calls self

Official registered name on thesis
Local Customizations

- OpenSearch
- iGoogle
- MySpace
- Facebook
- CMS
- AdThis.com
- Holdings iFrame
- Hot Words
- More...
OpenSearch
What People are Saying About Smart Search

GetIt! (March 12, 2008)

Question: When I'm searching for an online resource, I find catalog records for the resource, but it's not intuitive that I need to go to the full record (click on the title) and then figure out how to link to the resource. Can you make it easier to access online resources?

Answer: When you perform a search in Smart Search, you first receive a list of brief records for your result set. The only time you need to go to the full record (click on the title) is if you want more information about the item. Smart Search is designed to get you access to access information as quickly as possible. In the lower right of each brief record is a link to make it easy to access your item. The list of access links includes:

- **Online access** (GetIt!) - provides online access to databases, digital images/collections, journal articles, web pages, etc.
- **Available in your library** (GetIt!) - provides access to the holdings list in the Libraries' catalog, InfoHawk. This access link appears when the item is currently available for check out. The holdings list provides location information for the item.
- **Checked out** (GetIt!) - provides access to the holdings list in the Libraries' catalog, InfoHawk. This access link appears when the libraries own the item, but it is currently checked out by another user, or is unavailable at the moment. The holdings list, in addition to location information, also provides status information about the item (due date if it's checked out, process status).

Feedback

Please give us your feedback

Add Smart Search to your

- Google
- MySpace
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
<OpenSearchDescription>
  <ShortName>UI Libraries New Smart Search</ShortName>
  <Description>The University of Iowa Libraries New Smart Search</Description>
  <Contact>webmaster@uiowa.edu</Contact>
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    http://smartsearch.uiowa.edu/primo_library/libweb/action/search.do?frbg=&amp;dam=true&amp;vid=uiowa&amp;vl(freeText0)={searchTerms}&amp;frn=search&amp;mode=Basic&amp;ct=search&amp;rt=rank&amp;index=1&amp;tab=default</Url>
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    http://www.lib.uiowa.edu/favicon.ico</Image>
  <Developer>bhcamps</Developer>
  <Attribution>Copyright 2007 - The University of Iowa Libraries</Attribution>
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iGoogle Widget
Add iGoogle Widget
MySpace
MySpace
Facebook
Facebook
Course Management System
Smart Term Search
Default Search is Smart Search

Currently configured for the following keywords:

- ph: phone
- google: google

Search Term: 

Submit
AddThis.com button
Holdings in ALEPH
Holdings in ALEPH

The grifters [videorecording] / Burbank, Calif. : Miramax Home Entertainment : Distributed by Buena Vista Home Entertainment, [2002?]
Widescreen, deluxe ed.
1 videodisc (110 min.) : sd., col. ; 4 3/4 in.
(Miramax collector's series)
ISBN: 0788837753
Sys.No.[002835943]

Location  Main Media Services Video record 12887 DVD

If a Recall link appears below, click the link to have the item returned and held for you.
Holdings in Primo
Holdings

The grifters[videorecording] / Burbank, Calif. : Miramax Home Entertainment : Distributed by Buena Vista Home Entertainment, [2002?]
Widescreen, deluxe ed.
1 videodisc (110 min.) : sd., col. ; 4 3/4 in.
( Miramax collector's series)
ISBN: 0788837753
Sys.No.[002835943]

<table>
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<th>Location</th>
<th>Main Media Services Video record 12867 DVD</th>
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If a Recall link appears below, click the link to have the item returned and held for you.

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<th>Type of loan</th>
<th>Due back</th>
<th>Notes</th>
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<td>Video record 12867 DVD</td>
<td></td>
<td>Media Item</td>
<td></td>
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</tbody>
</table>
Hot Words/Ad Words
Localized Help Page

Learn more about Smart Search

How do I search?
Just type one or more words you are looking for and click Go.

Note: AND is assumed between words. Use OR to broaden your search; use NOT to narrow it. Symbols like + and - do not work.

How can I do an advanced search?
You can do more than just a simple search. Try the following to get the best results for your search:
- Search for a phrase
- Search for any of the words or phrases
- Exclude words or phrases
- Search using wildcard characters
- Group terms within a query
Help (cont.) - QuickSets

**What am I searching?**

Find Resources

Searches InfoHawk (the Libraries online catalog), e-journals collection, e-books collection, Iowa Digital Library, and other local databases.

- Find Articles

Depending on the subject area you select from the dropdown menu:

- **General Resources**
  - Academic Search Elite (EBSCO), Periodicals Index Online (Historical), Readers' Guide Retro (WILSON) and Newspaper Source (EBSCO).
  - Art
    - Art Full Text (WILSON), Art Index Retro (WILSON), Avery Index to Architecture, Bibliography of the History of Art, JSTOR Art & Art History and JSTOR Architecture & Architectural History
  - Business
    - ABI/Inform (ProQuest), Business Source Complete (EBSCO), EconLit, JSTOR Business, JSTOR Economics, Factiva, and PsychINFO (Ovid)
  - Communication
    - CIO5/ComAbstracts, Communication & Mass Media Complete (EBSCO), Film & Television Literature Index, and Academic Search Elite (EBSCO)
  - Education
    - Academic Search Elite (EBSCO), Education Full Text (WILSON), ERIC (OVID), PsydINFO (Ovid), and Web of Science (ISI).
  - Engineering
    - Compendex and Inspec (Elsevier 2), Web of Science (ISI), and Academic Search Elite (EBSCO)
  - Government Resources
    - CO Researcher Plus Archive, GPO Access via Firstgov and SourceOECD
  - Health Sciences
    - CINAHL Plus (EBSCO), Health Reference Center (Itala), Health Source: Nursing (EBSCO), and PubMed
  - Law
    - Academic Search Elite (EBSCO), CO Researcher Plus Archive, CO Supreme Court Collection, Law Journal Library (Hein Online), and JSTOR (All Subjects)
Issues

- Multiple css files (e.g. Primo.css, Primo_default.css, webworks.css, etc.)
- Messages – many could not be updated in the back office
- Static HTML files on search pages can be stored elsewhere, but not Help HTML files
- Known item searching (e.g. Sun Also Rises)
- FRBR single icon issue
- Primo Statistics
Search for

grifters

Limit to: All items that contain my query words anywhere in the record

My Preferences Advanced Search

results for All Local Resources

6 results, sorted by relevance. Did you mean drifters?

1. The grifters
   Stephen Frears; Martin Scorsese; Robert A Harris 1945--; Jim Paintan; Donald E Westlake; John Cassack 1965--; Anelica Huston; Annette Bening; Jim Thompson 1966-1977.; Miramax Films.; Cherpex Odeon Films; Miramax Home Entertainment (Firm); Buena Vista Home Entertainment (Firm)
   Miramax Home Entertainment: Distributed by Buena Vista Home Entertainment 2002?
   There are 2 versions of this item
   Add to e-Shelf On Shelf

2. Bad man's river
   Eugenio Martín; Bernard Gordon 1918--; Philip Yordan; Lee Van Cleef; James Mason; Scotia International (Firm); Zurrin Films; Apollo Films; Productions Jacques Roitfeld; Master Movies; MasterTone Multimedia Ltd.
   Hetep-Hor, MasterTone Multimedia of 207
# Primo Statistics

**Primo Search Statistics**

**UIOWA**

[Click Here To See Graph](#)

<table>
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<th>Average Response Time (Seconds)</th>
<th>Average Full Time (Seconds)</th>
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<td><strong>7.58</strong></td>
<td><strong>7.71</strong></td>
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Total: 126,558 1,447 1.33 1.37
Where We Are

- Implementing minor release v.2.1.0
- Switching enhanced content from Syndetics to Google Books, Amazon, and perhaps more
- Recently placed facets on left – usability showed facets ignored by undergraduates, but hey something has to be on the right, right?
Where We Want to Go?

- See more use from staff – not teaching in courses
- Load MBooks records through OAI for public domain items
- Quick loading into Primo of brief bibs
- Explore Deep Search option for select providers
- Change title links to go to the GetIt window instead of the full record
results for All Local Resources

- English and American Literature — Looking for Resources by Subject - English and American Literature?

7,672 results, sorted by: relevance.

1. The compact edition of the Oxford English dictionary (On Shelf (Gett))
   Philological Society (Great Britain)
   Oxford University Press 1971
   - There are 2 versions of this item
   - Add to e-Shelf
   - More Info

2. Compact Oxford English dictionary for university and college students (On Shelf (Gett))
   Catherine Soanes; Sara Hawker
   Oxford University Press c2006
   - Add to e-Shelf
   - More Info

   Oxford English Limited, University of Lancaster: Wordsworth Centre.
   Oxford English Ltd. 1986-c1991
   - There are 2 versions of this item
   - Add to e-Shelf
Where We Want to Go?

- Turn off native MetaLib interface, use Primo to run federated searches
- Assessment of facet order
- Explore new set of APIs
- More intuitive representations of FRBR records
- Background reindexing (should be in v2.0)
- Seed tags