Implementing Primo at the University of Iowa Libraries

Brian Thompson
*University of Iowa*

Sue Julich
*University of Iowa*

Wendy Robertson
*University of Iowa*

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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).
<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></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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Smart Search

Search for **history**

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

Hello, Guest

Sign in for full access

e-shelf

Help My Preferences

Results for All Local Resources

**History** — Looking for Resources by Subject - History (general)?

469,899 results, sorted by: relevance

Refine My Results

Narrow my results by limiting the search to:

**Availability:**
- Online Resources (6,700+)
- Available (96,770+)

**Resource Type:**
- Books (96,957+)
- Journals (1,732+)
- Videos (590+)
- Other (450+)

1. **History** (View details)
   V. Childe (Vere Gordon), 1892-1957.
   On Shelf (Get it)
   Add to e-Shelf

2. **History** (View details)
   Historical Association (Great Britain).
   London: 1912.
   Online access (Get it)
   Add to e-Shelf

3. **History** (View details)
Gateway Database

19th century U.S. newspapers (View details)
Thomson Gale (Firm)
Thomson Gale 2006

Grant's Petersburg Progress (View details)
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

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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
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Exact title isn’t until #16 in the list
Results Ranking

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

4.0 points

Author: Charlotte Bronte 1816-1855
Related Titles: Series: The Claremont edition of the novels of the Brontes
Publisher: Oxford U.P.
Creation Date: 1849
Format: xxiii, 635 p. 3 plates, facsimiles. 23 cm.
Language: English

Availability and location:
Available: Main Library (PR4167 .J3 1969)

Reviews:
Sign in to write a review

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
Charlotte Brontë, Jane Eyre

Author: Jorg Kriese
Charlotte Bronte 1816-1855

Subjects: Bronte, Charlotte, 1816-1855; Jane Eyre

Related Titles: Series: Uni-Taschenbucher; 1267

Publisher: W. Fink
Creation Date: c1965
Language: German

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

Add to e-Shelf
On Shelf (GetIt)

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

Reviews:
Sign in to write a review.

Keeping this item
E-mail
Print

Tagging
What is tagging?
My tags for this item:
Sign in to see your tags and add new ones
Day 1 Required Functionality

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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

results for All Local Resources

1. Hardin Library — Looking for the Hardin Library for the Health Sciences?
2. Health Sciences Library — Looking for the Hardin Library for the Health Sciences?
4. Health Sciences — Looking for Resources by Subject - Health Sciences?

1,486 results, sorted by: relevance

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

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. 188-
   Add to e-Shelf
   Online access (GetIt)

3. "Walk humbly with thy God"
   unknown Padilla, Donald G.
   University of Iowa. Libraries. Special Collections Dept. 189-
   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:
  > acards (277)
  > Electronic (1)

Topic:
  > 1860-1890 (277)
  > United States -- Iowa -- Marion (122)
  > Men (74)
  > Women (72)
  > Children (44)
  > Show 15 more

Author/Creator:
  > Padilla, Donald G (277)
Patterson & Smith: "The Continental fine linen collars will please you."

Author: unknown
Padilla, Donald G.

Subjects: Victorian cards; Collars; Soldiers; Roses; Hell, Sadie; Patterson & Smith; United States -- Iowa -- Marion: 1880-1890.

Related Titles: Victorian Trade Cards; In process

Publisher: University of Iowa. Libraries. Special Collections Dept.

Creation Date: 188-


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

Everybody’s tags for this item: Cloud / List

- Tags page

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

Go

Limit to
- General Resources
- Government Resources
- Health Sciences

Search
- Law
- Literature & Humanities
- Music
- Political Science
- Psychology
- Religion
- Social Work

Looking for information on 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 Container 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, 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**:
- **Server types**:
  - Library Linux
  - ITS AIX
  - Library Windows
  - ITS Windows
- **digital.lib**: CONTENTdm Digital Resources
- **SEA**: Publishing Catalog E-Journals E-Resources Web Pages
- **itsnt142**: E-Resources (SQL)
- **www.lib**: Library web pages

Off-campus resources

Publishing Platform
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

Search for 

Limit to: 

that contain my query words 

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 (Get it)
Integration of Digital Content
Non-MARC Data: Converted to MARC

E-resources database

<table>
<thead>
<tr>
<th>Leader</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>OWN</td>
<td>a</td>
</tr>
<tr>
<td>Date and Time</td>
<td>006</td>
<td>a</td>
</tr>
<tr>
<td>Fixed Data</td>
<td>008</td>
<td>a</td>
</tr>
<tr>
<td>Main Title</td>
<td>245 04</td>
<td>a</td>
</tr>
<tr>
<td>Summary Note</td>
<td>620</td>
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<tr>
<td>Gateway Info</td>
<td>930</td>
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<tr>
<td>Gateway Info</td>
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</tr>
<tr>
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<td>930</td>
<td>c</td>
</tr>
<tr>
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<td>945</td>
<td>c</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d</td>
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</table>
Non-MARC Data: Dublin Core XML ContentDM

```xml
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  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:description>
  <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 Dan 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>
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  <dc:relation/>
  <dc:identifier>170925006</dc:identifier>
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</oai_dc:dc>
```
### Traditional MARC records from ILS

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<tr>
<th>Title</th>
<th>Description</th>
<th>Author/Creator</th>
<th>Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iowa corn song (View details)</td>
<td>Ray W. Lockard Edward Riley, George Hamilton; George Botsford 1874-1949. Ray W. Lockard 1921</td>
<td>Online access (Get it)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
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<th>Access</th>
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<tr>
<td>Za-Ga-Zig's official Iowa corn song: as played by Za-Ga-Zig Temple Band, A.A.O.M.S. Des Moines, Iowa and used at all conclaves (View details)</td>
<td>John T. Beeston George Hamilton</td>
<td>On Shelf (Get it)</td>
<td></td>
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</tbody>
</table>

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<td>Riley, Edward Lockhard, Ray W. and Hamilton, George Des Moines, IA: Riley &amp; Co. 1921</td>
<td>Online access (Get it)</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
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<th>Author/Creator</th>
<th>Access</th>
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</thead>
</table>

### Digital object from CDM

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<th>Author/Creator</th>
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<th>Access</th>
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</thead>
</table>
These come from the electronic resources database

<table>
<thead>
<tr>
<th>Title</th>
<th>View details</th>
<th>9999</th>
<th>Add to e-Shelf</th>
<th>Online access</th>
<th>GetI!</th>
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<tbody>
<tr>
<td>EuroDocs</td>
<td>View details</td>
<td>9999</td>
<td>Add to e-Shelf</td>
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<td>GetI!</td>
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<tr>
<td>The Catholic Encyclopedia</td>
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<td>9999</td>
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<td>GetI!</td>
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<tr>
<td>British History Online</td>
<td>View details</td>
<td>9999</td>
<td>Add to e-Shelf</td>
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<tr>
<td>Mediaeval studies (Online)</td>
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<td>Add to e-Shelf</td>
<td>Online access</td>
<td>GetI!</td>
</tr>
<tr>
<td>Essays in medieval studies: proceedings of the Illinois Medieval Association.</td>
<td>View details</td>
<td>9999</td>
<td>Add to e-Shelf</td>
<td>Online access</td>
<td>GetI!</td>
</tr>
<tr>
<td>The medieval review TMR.</td>
<td>View details</td>
<td>9999</td>
<td>Add to e-Shelf</td>
<td>Online access</td>
<td>GetI!</td>
</tr>
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</table>

Merged display of print and online records

Single record
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

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

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: 1995
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

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)

1. Harry Potter and the prisoner of Azkaban (View details)
   Alfonso Cuarón; 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)

2. Harry Potter and the prisoner of Azkaban (View details)
   Alfonso Cuarón; David Heyman; Chris Columbus; Mark Radcliffe; Steven Kloves; Daniel
   Radcliffe 1989-; Rupert Grint 1988-; Emma Watson 1990-; Julie Christie; Robbie
   Coltrane; Michael Gambon; Richard Griffiths 1947-; Gary Oldman; Alan Rickman; Fiona
   Shaw 1958-; Maggie Smith 1934-; Timothy Spall 1957-; David Thewlis 1963-;
   Emma Thompson; J K Rowling; Warner Bros. Pictures (2001- ); Heyday Films.;
   1492 Pictures ; Warner Home Video (Firm)
   Add to e-Shelf VHS On Shelf (Getit)

3. 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
Title Change Problem

Earlier title from latest title record


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

Add to e-Shelf On Shelf (Getit)

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 (Getit)
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
Search for

Limit to: All Items [ ] that contain my query words [ ] anywhere in the record [ ]

My Preferences Advanced Search

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

```xml
<OpenSearchDescription>
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iGoogle Widget
Add iGoogle Widget
MySpace
Brian

Male
38 years old
IOWA CITY, Iowa
United States
Online Now!

View My: Pics | Videos

Last Login: 3/31/2008

Brian is in your extended network

Brian’s Latest Blog Entry [Subscribe to this Blog]
[View All Blog Entries]

Brian’s Blurb
About me:
Who I’d like to meet:

Brian’s Friend Space (Top 1)
Brian has 1 friends.

Tom

View Brian’s Friends: All | Online | New

Brian’s Friends Comments

Add Comment
Facebook
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
The grifters

Author: Jim Thompson 1906-1977;
Related Titles: Series Vintage crime/Black Lizard
Publisher: Vintage Books
Creation Date: 1990
Format: 189 p.; 21 cm.
Language: English

Availability and location:
Available: Main Library (PS3539 H6562 G7 1990)

Reviews:
Sign in to write a review

Keeping this item
E-mail
Print
Bookmark & Share
Favorites
Del.icio.us
Digg
Google
MySpace
Facebook
Reddit
Live
Furl
Yahoo MyWeb
StumbleUpon
More...

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

Everybody's tags for this item: Cloud / List

Haven't Found What You're Looking For?

Similar Items

Holdings in ALEPH
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]

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]

Location
Main Media Services Video record 12867 DVD

if a Recall link appears below, click the link to have the item returned and held for you.

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Hot Words/Ad Words
Search for

hours

Go

Hello, Guest

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

e-shelf To enter my workspace

results for All Local Resources

Library Hours — Looking for Library Hours?

4,689 results, sorted by: relevance

1. Studies and reports. Series D. (Wages and hours).
   International Labour Office.
   International Labour Office 1922-1926

Refine My Results

Narrow my results by limiting the
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 PsyhINFO (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), PsycINFO (Ovid), and Web of Science (ISI).
  - Engineering
    - Compendex and Inspec (En Village 2), Web of Science (ISI), and Academic Search Elite (EBSCO)
  - Government Resources
    - CQ Researcher Plus Archive, GPO Access via Firstgov and SourcesOECd
  - Health Sciences
    - CINAHL Plus (EBSCO), Health Reference Center (Italia), Health Source: Nursing (EBSCO), and PubMed
  - Law
    - Academic Search Elite (EBSCO), CQ Researcher Plus Archive, CQ 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 drifter?

1. The grifters
   Stephen Frears; Martin Scorsese; Robert A Harris 1945-; Jim Paintan; Donald E Westlake; John Cusack 1966-; Anelica Huston; Annette Bening; Jim Thompson 1966-1977.; Miramax Films.; Chepex Odeon Films; Miramax Home Entertainment (Film); Buena Vista Home Entertainment (Film)
   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 (Film); Zurr Films; Apollo Films; Productions Jacques Roitfeld; Master Movies; MasterTone Multimedia Ltd.
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</table>
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**
   Philological Society (Great Britain)
   Oxford University Press 1971
   - There are 2 versions of this item
   - Add to e-Shell
   - More Info
   - (On Shelf (Gett!))

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

   Oxford English Limited., University of Lancaster: Wordsworth Centre.
   Oxford English Ltd. 1986-c1991
   - There are 2 versions of this item
   - Add to e-Shell
   - More Info
   - (On Shelf (Gett!))

Refine My Results
Narrow my results by limiting the search to:
- Availability:
  - online resources (3,418)
  - available (7,478)
- Resource Type:
  - Books (7,292)
  - Other (138)
  - Journals (40)
- Collection:
  - Main (3,791)
  - Electronic (3,278)
  - Special Collections (421)
  - Rita Benton Music (309)
  - Main Storage (256)
  - Show more
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