Who are these people?
Shortcuts to Resources by Type

SIRSI Search Forms in Tech’s Library Web Pages

Presented by
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October 9, 2008
Background

• Rationale
  • Catalog navigation can be confusing for students
  • Bibliographic Instruction reaches limited number of students

• Opportunity
  • Summer ’06 - homepage redesigned
  • Explored navigational approaches

• Implementation
  • Observed its use on another web page
  • Extracted, then embedded appropriate HTML code
First Version
Government Documents

Prescott Memorial Library has over 2.4 million publications and maps from the Federal Government. The university has been participating in a depository program with the government since 1896. It is one of the oldest depositories in the nation. The library was congressionally designated a Regional Depository in 1964. There are only 53 large historical regional depositories in the United States. Prescott Memorial Library also has an extensive Louisiana state document collection. The library has been a member of the state depository system since 1948.

Prescott Memorial Library serves the 5th Congressional District. The library is open to the public and welcomes usage of its extensive government document collections. Most of the documents circulate to Louisiana Tech library card holders.
Use “Category 2” for Federal & State Documents
HTML common to all Directed Search Forms by Resource Type

```html
<!-- FORM name=searchform method=post
     action=http://latech.louislibraries.org/uhtbin/cgisirsi/X/0/0/123/>
<br />
<INPUT maxLength=255 size=30 name=searchdata1>
<INPUT title=Go type=image alt=Search
       src="http://www.latech.edu/library/graphics/srchbtn.gif"
       value=submit border=0 name=Go>
<br />
<br />
<INPUT type=radio name=query_type CHECKED value=search>Keyword
<INPUT type=radio name=query_type value=browse>Browse
<INPUT type=radio name=query_type value=exact>Exact
<br />
<br />
<SELECT name=match_on id=match_on>
       <OPTION value=KEYWORD selected>Keyword
       <OPTION value=PARTIAL>Left to right
       <OPTION value=EXACT>Exact content
</SELECT>
```
<SELECT name=srchfield1>
  <OPTION value="GENERAL^SUBJECT^GENERAL^^words or phrase" selected>keywords
  <OPTION value="AU^AUTHOR^AUTHORS^Author Processing^author">author
  <OPTION value="TI^TITLE^TITLES^Title Processing^title">title
  <OPTION value="SU^SUBJECT^SUBJECTS^^subject">subject
  <OPTION value="SER^SERIES^TITLES^Title Processing^series">series
  <OPTION value="PER^PERTITLE^TITLES^Title Processing^periodical title">periodical title
</SELECT>

<INPUT type=hidden value="name=item_2cat">
<SELECT name=item_2cat id=item_2cat size=2>
  <OPTION value=DOC-FED selected> Federal
  <OPTION value=DOC-LA> State
Government Documents
Journals

Search for a Periodical Title, like the *Journal of Communication*, in

**A to Z Electronic Journals**

- Contains
- Begins With
- Exact Match

**The Library Catalog**

- Keyword
- Browse
- Exact

[Search]
Use “Periodical Title” for Journals

<table>
<thead>
<tr>
<th>Search Again</th>
<th>periodical title</th>
</tr>
</thead>
<tbody>
<tr>
<td>library:</td>
<td>ALL</td>
</tr>
<tr>
<td>language:</td>
<td>ANY</td>
</tr>
<tr>
<td>format:</td>
<td>ANY</td>
</tr>
<tr>
<td>type:</td>
<td>ANY</td>
</tr>
<tr>
<td>location:</td>
<td>ANY</td>
</tr>
<tr>
<td>item category1:</td>
<td>ANY</td>
</tr>
<tr>
<td>item category2:</td>
<td>ANY</td>
</tr>
<tr>
<td>match on:</td>
<td>Keywords</td>
</tr>
<tr>
<td>pubyear:</td>
<td></td>
</tr>
<tr>
<td>sort by:</td>
<td>None</td>
</tr>
</tbody>
</table>
HTML unique to Directed Search Form for Journals

<INPUT type=hidden name=srchfield1 value="PER^PERTITLE^TITLES^Title Processing^periodical title">
Dissertations / Theses

Search for Electronic Dissertations or Theses in Online Database

Proquest Digital Dissertations

Online full text doctoral dissertations and selected master's theses are available from the U.S and other countries dating from 1861.
Use “Category 1” for Dissertations & Theses
<select name=srchfield1>
  <option value="GENERAL^^SUBJECT^GENERAL^^words or phrase" selected>keywords</option>
  <option value="AU^AUTHOR^AUTHORS^Author Processing^author">author</option>
  <option value="TI^TITLE^TITLES^Title Processing^title">title</option>
  <option value="SU^SUBJECT^SUBJECTS^^subject">subject</option>
  <option value="SER^SERIES^TITLES^Title Processing^series">series</option>
  <option value="PER^PERTITLE^TITLES^Title Processing^periodical title">periodical title</option>
</select>

<input type=hidden value="name=item_1cat">
<select name=item_1cat id=item_1cat size=2>
  <option value=DISS>Dissertation</option>
  <option value=THESIS>Thesis</option>
</select>
# Dissertations / Theses

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Author(s)</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Polyc(ethyleneoxythiophene) based electronic devices for sensor applications</td>
<td>Vo, H.</td>
<td>2008</td>
</tr>
<tr>
<td>2</td>
<td>A finite difference method for studying thermal deformation in lasers</td>
<td>Zhang, Yuyang</td>
<td>2008</td>
</tr>
<tr>
<td>3</td>
<td>A simulation of the neural action potential under the influence of the neuromuscular junction</td>
<td>Jenkins, Frank</td>
<td>2008</td>
</tr>
<tr>
<td>4</td>
<td>Nanoelectrodes for controlled delivery of bioactive oligomers</td>
<td>Veerasabayan, M.</td>
<td>2008</td>
</tr>
<tr>
<td>5</td>
<td>Study of lithium coated nanoparticle penetration in concrete using electrokinetic treatment</td>
<td>Syal, Pooja</td>
<td>2008</td>
</tr>
<tr>
<td>6</td>
<td>Designing and fabricating a PZT strain sensor for soil applications</td>
<td>Somani, Joel</td>
<td>2008</td>
</tr>
<tr>
<td>7</td>
<td>Gas phase self assembly of organic compounds for the formation of nanobeads and design of experiments employing surface molecular imprinting for the detection of yeast spores</td>
<td>Majithia, Raviash</td>
<td>2008</td>
</tr>
<tr>
<td>8</td>
<td>Effects of microwave irradiation, particle surface area and species diffusion on the reversible desorption of hydrogen from sodium aluminum hydride</td>
<td>Kishnam, Rahul</td>
<td>2008</td>
</tr>
</tbody>
</table>
Maps

The map collection consists of more than 38,000 maps, the majority of the maps are located on the 2nd (Main) floor of the library. As a member of the Federal Depository Library Program, the library has received thousands of topographic maps from the U.S. Geological Survey, special datasets such as Landview, and geologic, nautical, and aeronautical maps. The United States topographical maps are filed by state and then by quadrangle. In addition, the Reference Department holds an extensive collection of atlases, CIA political maps, and the Louisiana soil surveys.

For specialized assistance contact: Rita Franks, Government Documents/Reference Librarian (318) 257-4989, rfranks@latech.edu.
Use “Format” for Maps
<SELECT name=srchfield1>
    <OPTION value="GENERAL^SUBJECT^GENERAL^^words or phrase" selected>keywords
    <OPTION value="AU^AUTHOR^AUTHORS^Author Processing^author">author
    <OPTION value="TI^TITLE^TITLES^Title Processing^title">title
    <OPTION value="SU^SUBJECT^SUBJECTS^^subject">subject
    <OPTION value="SER^SERIES^TITLES^Title Processing^series">series
    <OPTION value="PER^PERTITLE^TITLES^Title Processing^periodical title">periodical title
</SELECT>

<INPUT type=hidden name=format id=format value="MAP"
### Maps

#### Search Results

words or phrase "Lincoln Parish" search found 23 Titles.

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Available</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ruston historic main street map [map]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mark for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Print/Email</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 copy available at Louisiana Tech - Prescott Library in DOCS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>PW 1.8M: LINCOLN/2001/7</td>
<td>2001</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lincoln Parish, Louisiana, Dept. of Transportation and Development, Office of Planning &amp; Programming.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mark for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Print/Email</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 copy available at Louisiana Tech - Prescott Library in DOCS-LA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td>PW 1.8M: LINCOLN/2001/9</td>
<td>2001</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lincoln Parish, Louisiana, Dept. of Transportation and Development, Office of Planning &amp; Programming.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mark for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Print/Email</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 copy available at Louisiana Tech - Prescott Library in DOCS-LA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lincoln parish featuring the city of Ruston 1995 edition Louisiana City &amp; Parish Map.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mark for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Print/Email</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 copy available at Louisiana Tech - Prescott Library in DOCS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Reference Resources

Search for Electronic Reference Resources

By Subject
- Biological Sciences
- Business
- Education
- Engineering
- Family & Consumer Sciences
- Health Sciences
- History
- Law
- Literature & Language
- Psychology

By Title
- Alphabetical List

By Type of Information
- Biography
- Colleges & Universities
- Countries
- Facts
- Images
- Public Opinion
- Quotations
- Test Preparation
- States
- Tax

By Type of Source
- Dictionaries
- Directories of Periodicals
- Encyclopedias

Search for Ref Materials in the Library Catalog

Select search and type in terms:

- Keyword
- Browse
- Exact

Search
Use “Type” for Reference Books

<table>
<thead>
<tr>
<th>library:</th>
<th>RESERVE, ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>language:</td>
<td>SER-NCIRC, SERIAL</td>
</tr>
<tr>
<td>format:</td>
<td>SERIAL-UB, UNKNOWN</td>
</tr>
<tr>
<td><strong>type:</strong></td>
<td>REF-BOOK</td>
</tr>
<tr>
<td>location:</td>
<td>ANY</td>
</tr>
<tr>
<td>item category1:</td>
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<td>item category2:</td>
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<td>match on:</td>
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<td>pubyear:</td>
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</table>
HTML unique to Directed Search Form for Reference Resources

<select name=srchfield1>
  <option value="GENERAL^SUBJECT^GENERAL^^words or phrase" selected>keywords
  <option value="AU^AUTHOR^AUTHORS^Author Processing^author">author
  <option value="TI^TITLE^TITLES^Title Processing^title">title
  <option value="SU^SUBJECT^SUBJECTS^^subject">subject
  <option value="SER^SERIES^TITLES^Title Processing^series">series
  <option value="PER^PERTITLE^TITLES^Title Processing^periodical title">periodical title
</select>

<input type=hidden name=item_type id=item_type value="REF-BOOK">
<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>An Act to Designate the Facility of the United States Postal Service Located at 701 Loyola Avenue in New Orleans, Louisiana, as the &quot;Louisiana Armed Services Veterans Post Office.&quot; United States.</td>
<td>2007</td>
</tr>
<tr>
<td>#2</td>
<td>Louisiana Tech University 2006-2007 club sports handbook</td>
<td>2006</td>
</tr>
<tr>
<td>#3</td>
<td>100 southern Louisiana field trips: a guide for teachers and families</td>
<td>2006</td>
</tr>
<tr>
<td>#4</td>
<td>An Act to Amend the Federal Water Pollution Control Act to Reauthorize a Program Relating to the Lake Pontchartrain Basin, and for Other Purposes United States.</td>
<td>2006</td>
</tr>
</tbody>
</table>
Books

Electronic Book Collections:

**Knovel**
Full-text database which offers electronic access to over 500 scientific and engineering reference resources including subjects such as Food Science, and BioEngineering.

**NetLibrary**
Database of full-text online books searchable by Author, Title, Keyword and Publisher. Books are accessible remotely 24 hours a day, 7 days a week, and may be displayed and printed page by page.

**Project Gutenberg**
Online access to well-known and important books which are no longer under copyright restrictions. Many classic books are available, more with publication dates pre-1923.

**Twayne’s Author Series**
Full text archive of 600 titles in literary biography and criticism of American, British and other international authors.
Use “Location” for Books & Electronic Books
<SELECT name=srchfield1>
  <OPTION value="GENERAL^SUBJECT^GENERAL^^words or phrase" selected>keywords
  <OPTION value="AU^AUTHOR^AUTHORS^Author Processing^author">author
  <OPTION value="TI^TITLE^TITLES^Title Processing^title">title
  <OPTION value="SU^SUBJECT^SUBJECTS^^subject">subject
  <OPTION value="SER^SERIES^TITLES^Title Processing^series">series
  <OPTION value="PER^PERTITLE^TITLES^Title Processing^periodical title">periodical title
</SELECT>

<INPUT type=hidden value="name=location">

<SELECT name=location id=item_location size=2>
  <OPTION value=STACKS>Books
  <OPTION value=NETLIBRARY>Electronic Books
Books

Search Results
words or phrase "global warming" search found 38 titles.

#1
TA1023 .N38 2008
Potential impacts of climate change on U.S. transportation
National Research Council (U.S.). Committee on Climate Change and U.S. Transportation.
Mark for Print/Email
1 copy available at Louisiana Tech - Prescott Library in STACKS

#2
HV551.4 .G85 H36 2006
Hurricane Katrina
Dudley, William, 1964-

#3
TJ308 .U82 2008
U.S. national debate topic 2008-2009 : alternative energy
McCaffrey, Paul, 1977-

#4
QE331 .D48 2006
Windspurt: the story of wind and weather
D Williams, Marq.

Search Results
words or phrase "global warming" search found 31 titles.

#1
GE140 .D382 2007 EB
Ignoring the apocalypse [electronic resource]: why planning to prevent environmental catastrophe goes astray
Davis, David Howard.

#2
PN4181 .D3945 2007 EB
The debatabase book [electronic resource]: a must-have guide for successful debate

#3
TH800 .B27 2008 EB
Bioclimatic housing [electronic resource]: innovative designs for warm climates
Hyde, Richard, 1949-

#4
QE903 .B44 2007 EB
The emerald planet [electronic resource]: how plants changed Earth's history
Bowering, D. J.
Usage Stats ’05-’06

- Simple Search Form /69
- Basic Search Results /123
Usage Stats ’06-'07

- Simple Search Form /69
- Basic Search Results /123
Interpretation
Before Implementation of Directed Searches from Sept ‘05-Aug ’06

<table>
<thead>
<tr>
<th>Search</th>
<th>Results</th>
<th>Search Again</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Search Form /69</td>
<td>Basic Search Results /123</td>
<td></td>
</tr>
<tr>
<td></td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><img src="image3.png" alt="Image" /></td>
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</tr>
<tr>
<td></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
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<td><img src="image7.png" alt="Image" /></td>
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<tr>
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<td><img src="image9.png" alt="Image" /></td>
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<tr>
<td></td>
<td><img src="image11.png" alt="Image" /></td>
<td><img src="image12.png" alt="Image" /></td>
</tr>
</tbody>
</table>
**Interpretation**

*After Implementation of Directed Searches from Sept ‘06-Aug ’07*

<table>
<thead>
<tr>
<th>Search</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Search</td>
<td>Basic Search Form /69</td>
</tr>
<tr>
<td></td>
<td>Results /123</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Search Again or Directed Search</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

[Diagram showing search results and user interface elements]
Concluding Thoughts

• Today . . . pre-sorting of resources by type is helpful with the current catalog interface
• Tomorrow . . . new catalog interfaces will allow users to post-sort
• In the future . . . more effective single portal searching
• Until then, we have . . .
Smiling students with better access
Contact Information

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  College of Liberal Arts Librarian
  Prescott Memorial Library
  Louisiana Tech University
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  Email: teskeb@latech.edu

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  Email: brantley@latech.edu