

Setting a Direction for Evergreen Search

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Why Are We Having This Discussion?

While planning for our FY16 development projects, MassLNC libraries identified search as the highest priority for development.

We view search as one of the most important pieces of the ILS, if not the most important. It's what allows our users to find those resources we spend so much time cataloging so that they can then place holds on them, check them out from the library, or access them in some other way. It is the main entry point to our collections.

It's not the first time we've identified search as a priority

- Sponsored Browse Search
- Sponsored Development to Make It Easier to Define Format Limiters
- Sponsored Activity Metric Project (2.11)
- Many other project requirements were addressed by 2.4 community project to improve the Evergreen query parser.
- Implemented many configuration changes

**Sure, We Can Add More
Features, But Do We First
Need to Look at the
Underlying Infrastructure?**

We're Not Alone

Enis, Matt. "Wish List | Library Systems Landscape 2016", *Library Journal*, April 6, 2016.

"When asked what types of features patrons have requested, or what type of features would be of greatest assistance to patrons, search functionality again came up frequently. In addition to general write-in comments about requests for "better search features," "better ranking" of OPAC search results, and "ease of searching with natural language," several respondents said that patrons have asked why their library's OPAC can't be "more like Amazon."

Step 1: Identify Our Search Needs

- Focus Group to Brainstorm Ideas for New Features We Want and Existing Features that Are Important to Us. ✓
- Community Survey to help prioritize the ideas.

Assess Our Options

- Doing work within PostgreSQL to improve performance and take advantage of functionality available in new releases.
- Evaluating whether other options can support the type of search we need in Evergreen, and at what cost

What Have We Learned From the Focus Group Discussions?

What Do We Like About the Current Search?

- Strong advanced search filtering (esp. format and copy location limiters)
- Using MARC fixed fields for format filters
- Facets for bibliographic information
- Call number shelf browse
- Highly configurable
- The ability to search a lot of MARC data in a keyword search.

Existing Features that Weren't Mentioned

- Located URIs - the ability to scope and search electronic resources without adding copies
- Groups Formats and Editions searching (but this functionality was discussed extensively for things to improve)
- Searching / displaying real-time availability information

Potential New Features / Areas of Improvement

Popular Suggestions

- Improved Speed
- Improved Relevance Ranking
- Did You Mean?
- Different Types of Facets
 - Publication Date
 - Formats
 - Audience

Better Balance Between Fuzziness and Precision

"as powerful and useful that "stemming" can be; currently the implementation can be useless for certain words like: music, musician, musical"

"One of the things we hear from patrons and staff is "unforgiving"...meaning that if you provide a search string that is not found in a record, barring stemming and possibly some other things, you won't get the results you're looking for."

Or Maybe We Should Tell Users When Fuzziness Had Been Employed

Keyword ▾ All Formats ▾ in All C/W MARS Libraries ▾ Search

Another Search

Advanced Search

Sort by Sort by Relevance ▾

Show More Details

☐ Limit to available items

☐ Group Formats and Editions

Search Results Results 1 - 10 of about 718 (page 1 of 72) 1 2 3 4 5 6 7 8 Next ▶

Also showing results for world war ii *pacific pacification pacificators*
Search only for world war ii *pacific*

Personal Author More

[Samuels, Charlie 1961-](#) (8)

[Hillenbrand, Laura](#) (7)

[Morison, Samuel Eliot 1887-1976](#) (6)


[Gamble, Bruce](#) (5)

[Groom, Winston 1944-](#) (5)


Corporate Author More

[United States Army Air Forces](#) (1)


[United States Congress. House. Committee on Natural Resources. Subcommittee on Fisheries, Wildlife, Oceans,](#) (1)


1. 

World War II. Pacific
[Williams, Barbara, 1925-](#)


 Book

Call number: Juven D 767 W477 2005
Phys. Desc.: 96 p. : ill., maps ; 26 cm.
Publisher: Minneapolis : Lerner Publications, c2005.
6 of 6 copies available at All C/W MARS Libraries.


☒ Place Hold  [Add to my list](#)

2. 

World War II : the Pacific
[Sheehan, Sean, 1951-](#)


 Book

Call number: J 940.54 SHE
Edition: North American ed.
Phys. Desc.: 64 p. : ill. (some col.), col. maps ; 28 cm.
Publisher: Milwaukee, WI : World Almanac Library, 2005.
4 of 4 copies available at All C/W MARS Libraries.

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3.

World War II : the Pacific

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With Improvement, Maybe Group Formats & Editions Could Be Our Primary Search

- Ability to manually tweak metarecord groupings
- Using external data, like OCLC work entities, to group the records.
- Provide edition-specific information on grouped search results page.
- Provide easily-accessible links to jump to another format / edition of a work.

Nashville Public Library Catalog Using Pika Discovery Layer



Gone Girl: a novel

Author: Flynn, Gillian, 1971-
 Series: [Thorndike Press large print core](#)
 Publisher: Varies, see individual formats and editions
 Pub. Date: Varies, see individual formats and editions
 Language: English

Book

On Shelf

Annex has 17
 East
 Goodlettsville has 2
[View all copies](#)

Fiction Flynn
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Online OverDrive
 Collection has 62
[View all copies](#)

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Large Print

On Shelf

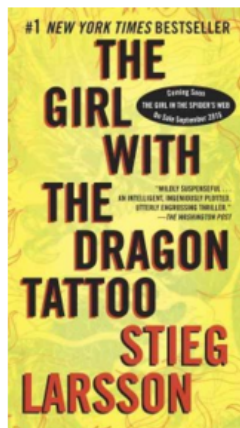
-

[Place Hold](#)

Jump Quickly to Other Formats and Editions

The girl with the dragon tattoo / Stieg Larsson ; translated from the Swedish by Reg Keeland.

[Larsson, Stieg, 1954-2004](#) (Author).



Book

ISBN: 9780307949486 (pbk.)

ISBN: 0307949486 (pbk.)

Description: 644, 12 p. : maps ; 20 cm.

Edition: Premium mass-market ed.

Publisher: New York, N.Y. : Vintage Crime/Black Lizard, 2011, c2008.

View Other Formats and Editions

[The girl with the Dragon Tattoo \(CD Audiobook\)](#)

[The girl with the Dragon Tattoo \(Large Print\)](#)

[The girl with the Dragon Tattoo \(E-book\)](#)

[The girl with the Dragon Tattoo \(E-audio\)](#)

[Los hombres que no amaban a las mujeres \(Book\)](#)

Available copies

0 of 1 copy available at NOBLE (All Libraries).

Current holds

0 current holds with 1 total copy.

Creative Ways of Using Authority Information or External Data

- Disambiguation information
- Related searches
- Display of external content related to what is being searched

Related Searches

fenway park

Keyword All Formats NOBLE (All Libraries) Search

New Search Refine Search Basic Search Sort by Sort by Relevance Show More Details

☐ Limit to available items

Search Results Results 1 - 10 of about 127 (page 1 of 13) 1 2 3 4 5 6 7 8 Next ►

Filter by:

Authors Show

Topic Subject Show

Name Subject Show

Geographic Subject Show

Time Period Show

Series Title Show

Popular titles matching this search



Murder at Fenway Park
by Troy Soos



Field of our fathers
by Dick Johnson



The Fenway foul-up
by David A. Kelly



Boston's Fenway
by Anthony Sammarco



Fenway 1912
by Glenn Stout



The Prince of Fenway Park
by Julianna Baggott



One day at Fenway
by Steve Kettman

1.



Fenway Park
Sinibaldi, Raymond.

Book E-book

✓ Place Hold Add to my list

Description: 128 p. : chiefly ill., map ; 24 cm.

Publisher: Charleston, SC : Arcadia Pub., 2012.

1 of 1 copy available at NOBLE (All Libraries).

Summary: Five days after the sinking of the Titanic, Boston's Fenway Park held its grand opening. Since that day, millions have witnessed the Red Sox play baseball. Their "Royal Rooters" evolved into the "Fenway Faithful" and are now commonly referred to as "Red Sox Nation." Nine World Series have been staged upon Fenway's turf, along with three Major League All-Star Games. Aside from baseball, Fenway has been host to

Related Searches

- [Boston Red Sox](#)
- [Baseball parks](#)
- [Fenway \(parkway\)](#)
- [Fenway Park. \(Boston, Mass.\) History](#)
- [Fenways \(musical group\)](#)
- [Fenway recordings](#)

Displaying External Content

abraham lincoln

Keyword All Formats NOBLE (All Libraries) Search

New Search Refine Search Basic Search Sort by Sort by Relevance Show More Details

☐ Limit to available items

Search Results Results 1 - 10 of about 2364 (page 1 of 237) 1 2 3 4 5 6 7 8 Next ▶

Filter by:

Authors [Show](#)

Topic Subject [Show](#)

Name Subject [Show](#)

Geographic Subject [Show](#)

Time Period [Show](#)

Series Title [Show](#)

1.

[Abraham Lincoln.](#)



E-video

Description: 1 online resource (1 video file, approximately 93 min.) : digital, .flv file, sound

Publisher: [San Francisco, California, USA] : Kanopy Streaming, 2014.

Summary: Returning to the historic era of his greatest success, Griffith paid homage to the sixteenth President in this moving drama starring Walter Huston (The treasure of the Sierra Madre). Focusing on Lincoln's personal tragedies, as well as his great accomplishments, Griffith's film depicts the American icon with a sensitivity and grace rivaled only by John Ford's Young Mr. Lincoln.



[Add to my list](#)

2.

[Abraham Lincoln.](#)

[Brogan, D. W. \(Denis William\). 1900-1974.](#)



Book

Description: 143 p. 21 cm.

Publisher: New York, Schocken Books 1963
1 of 1 copy available at NOBLE (All Libraries).



[Place Hold](#)



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3.

[Abraham Lincoln](#)

[Sandburg, Carl, 1878-1967.](#)



[Place Hold](#)



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Abraham Lincoln



16th U.S. President

Abraham Lincoln was the 16th President of the United States, serving from March 1861 until his assassination in April 1865.
[Wikipedia](#)

Born: February 12, 1809, [Hodgenville, KY](#)

Height: 6' 4"

Spouse: [Mary Todd Lincoln](#) (m. 1842--

Improvements to Zero Hits Page

- Drops user into a browse search
- If the zero hits page is caused by a time out, let the user know and provide tips for refining search.
- Suggest a meaningful alternative (Did You Mean?)
- Automatically launch the alternative search.

Learning from User Behavior

- Improving search retrieval/relevance through analysis of user behavior, handled in a way that respects user privacy.
- If a specific set of search terms results in users clicking the same record 90% of the time, that record becomes more relevant.
- If a "Did You Mean?" suggestion is almost always clicked, that suggestion becomes more meaningful.
- This data should never be linked to specific users.

Easier to Understand

- We like the knobs, but we don't always know where to go to turn them or what they will do. Make it easier to configure.
- Show us why specific results are retrieved (highlighted search terms) or why they rank the way they do (relevance scores?).
- "If I can tell why the system is doing something, I can try to adjust the behavior to suit. Otherwise, I am just shooting in the dark sometimes."

Suggestions for Features We Already Have

- We did get some suggestions for features already available.
- These suggestions point to a need for more documentation or, perhaps, better defaults set in the main Evergreen download.

Next Steps

- Survey will be posted shortly after the conference to prioritize ideas and weed out ones where there isn't broad consensus.
- We'll then begin looking at options for what might best meet those needs identified in the survey.

Questions?

Contact

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