

The world's first Web-Scale Discovery Service

Summon: True Web-Scale Discovery.

**Leveraging new technologies to
empower library search**

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14th November 2011



Summon[™]
Web-Scale Discovery



li·brar·y [lahy-brer-ee, -bruh-ree, -bree]

noun, plural -brar-ies.

1. a place **set apart to contain** books, periodicals, and other material for reading, viewing, listening, study, or reference, as a room, set of rooms, or building where books may be read or borrowed.
2. a public body organizing and maintaining such an establishment.
3. a **collection** of manuscripts, publications, and other materials **for reading, viewing, listening, study, or reference.**
4. a collection of any materials for study and enjoyment, as films, musical recordings, or maps.

Physical items



Described by title, author, subject etc



Content has changed



Search has changed

- **Intercontinental User Studies**
 - 70 sessions, 8 universities
- **Online User Focus Groups**
 - 9 groups, 80 participants



- **Librarian Focus Group**
 - 7 Groups, 47 Librarians
- **User Questionnaires**
 - 10,463 completed questionnaires

I T H A K A

- The importance of the role of the library as a gateway for locating information has fallen over time
- The library is increasingly disintermediated from the actual research process

Source: Housewright, R., & Schonfeld, R. (Aug2008).

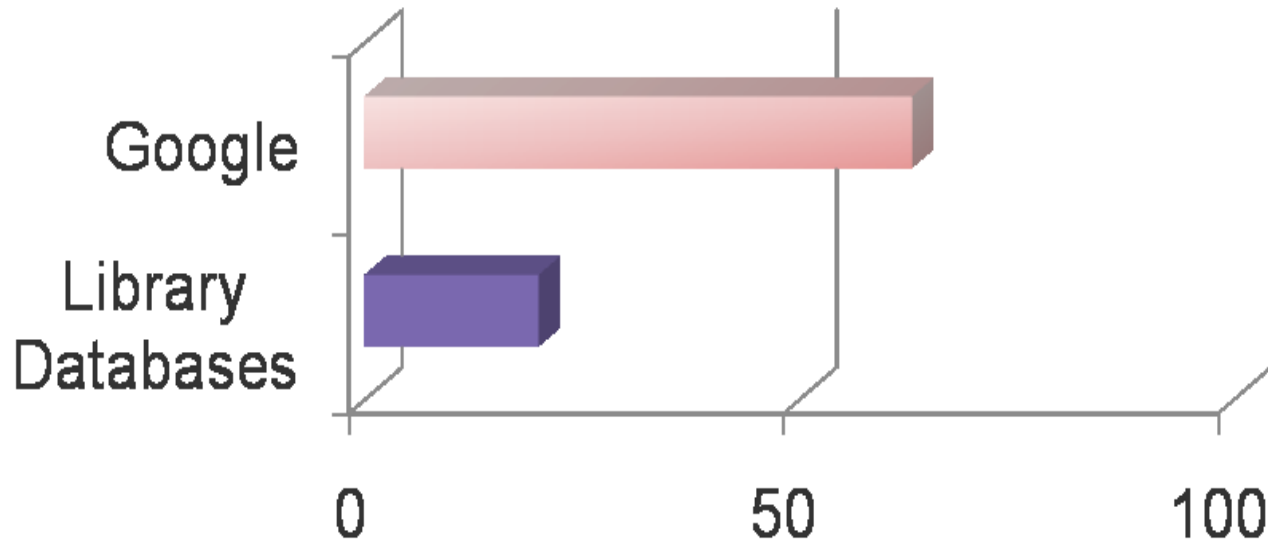
“Net-Generation” and “Millennials”:



- Independent
- Don't ask questions
- Are anonymous
- Expect open, fast and comprehensive systems like Google and Bing

User 2.x

Where do they search?

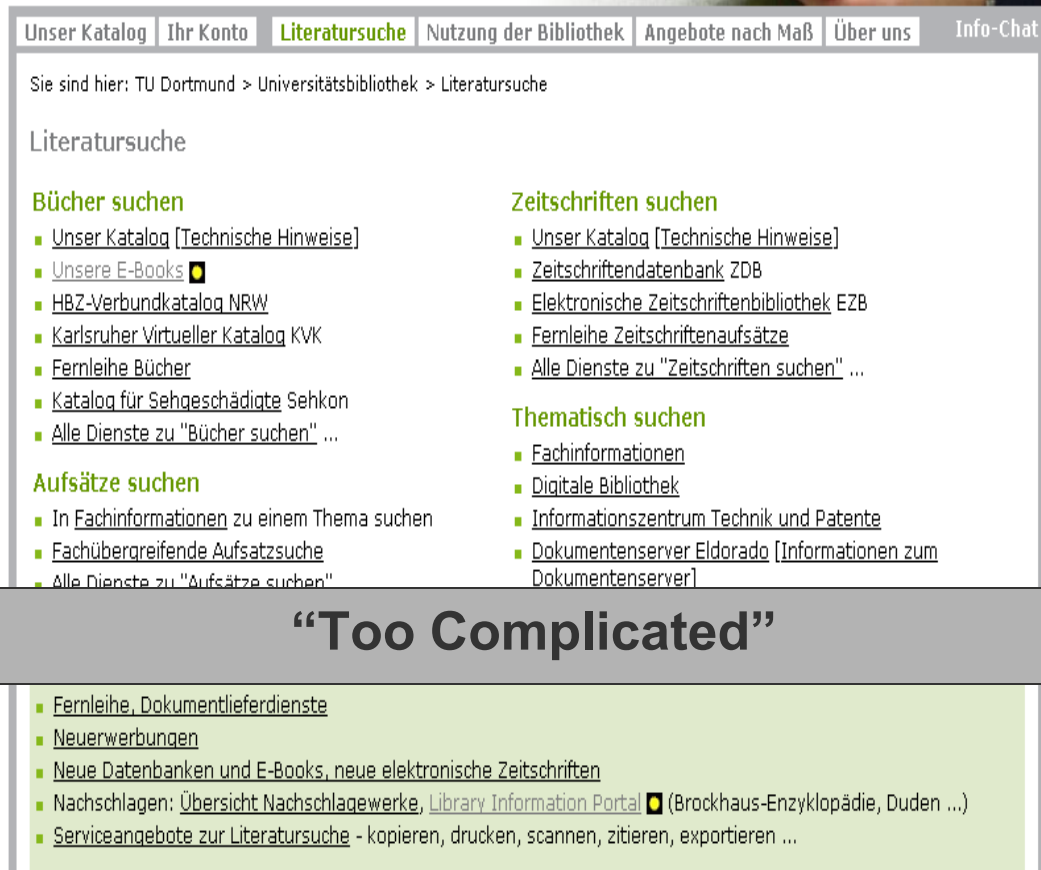


WHAT do they search?

- Fulltext sentences
- Snippets
- Quotations
- Whole abstracts
- Nothing at all! (sometimes)

Existing Solutions no longer work

Universitätsbibliothek



Unser Katalog | Ihr Konto | **Literatursuche** | Nutzung der Bibliothek | Angebote nach Maß | Über uns | Info-Chat

Sie sind hier: TU Dortmund > Universitätsbibliothek > Literatursuche

Literatursuche

Bücher suchen

- [Unser Katalog \[Technische Hinweise\]](#)
- [Unsere E-Books](#) 
- [HBZ-Verbundkatalog NRW](#)
- [Karlsruher Virtueller Katalog KVK](#)
- [Fernleihe Bücher](#)
- [Katalog für Sehgeschädigte](#) [Sehkon](#)
- [Alle Dienste zu "Bücher suchen" ...](#)

Zeitschriften suchen

- [Unser Katalog \[Technische Hinweise\]](#)
- [Zeitschriftendatenbank ZDB](#)
- [Elektronische Zeitschriftenbibliothek EZB](#)
- [Fernleihe Zeitschriftenaufsätze](#)
- [Alle Dienste zu "Zeitschriften suchen" ...](#)

Aufsätze suchen

- In [Fachinformationen](#) zu einem Thema suchen
- [Fachübergreifende Aufsatzsuche](#)
- [Alle Dienste zu "Aufsätze suchen"](#)

Thematisch suchen

- [Fachinformationen](#)
- [Digitale Bibliothek](#)
- [Informationszentrum Technik und Patente](#)
- [Dokumentenserver Eldorado \[Informationen zum Dokumentenserver\]](#)

“Too Complicated”

- [Fernleihe, Dokumentlieferdienste](#)
- [Neuerwerbungen](#)
- [Neue Datenbanken und E-Books, neue elektronische Zeitschriften](#)
- [Nachschlagen: Übersicht Nachschlagewerke, Library Information Portal](#)  (Brockhaus-Enzyklopädie, Duden ...)
- [Serviceangebote zur Literatursuche](#) - kopieren, drucken, scannen, zitieren, exportieren ...

Existing Solutions no longer work

AquaBrowser Library®
search, discover, refine.

OPAC
Data



Discovery
Layer



Fed
Search



Content
Platform

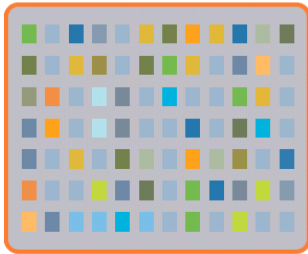


Partial
Index



Fed
Search

Primo Central



Next
Generation
Catalog



Partial
Index



CrossRef
Metadata
Service

So what did we do?



Summon™

The next step in handling library data for search



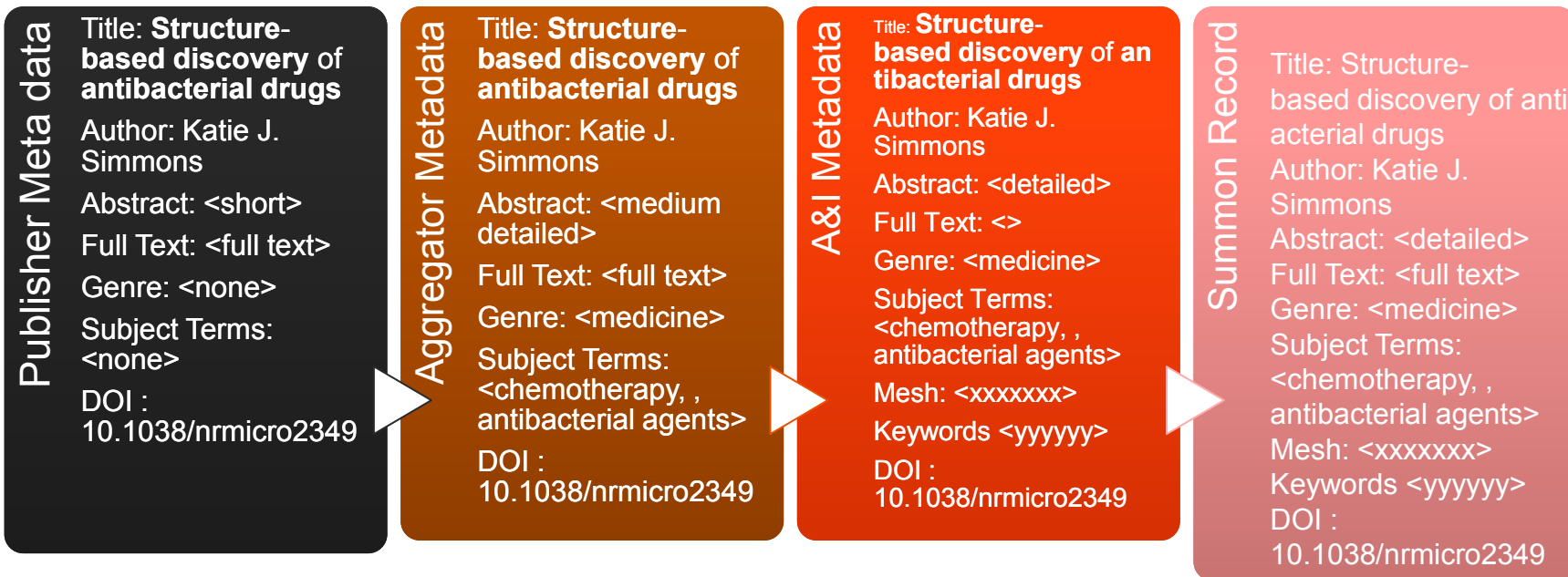
Bibliothek durchsuchen

ALL heterogenous library content in one index – books, e-content, fulltext, images, everything.

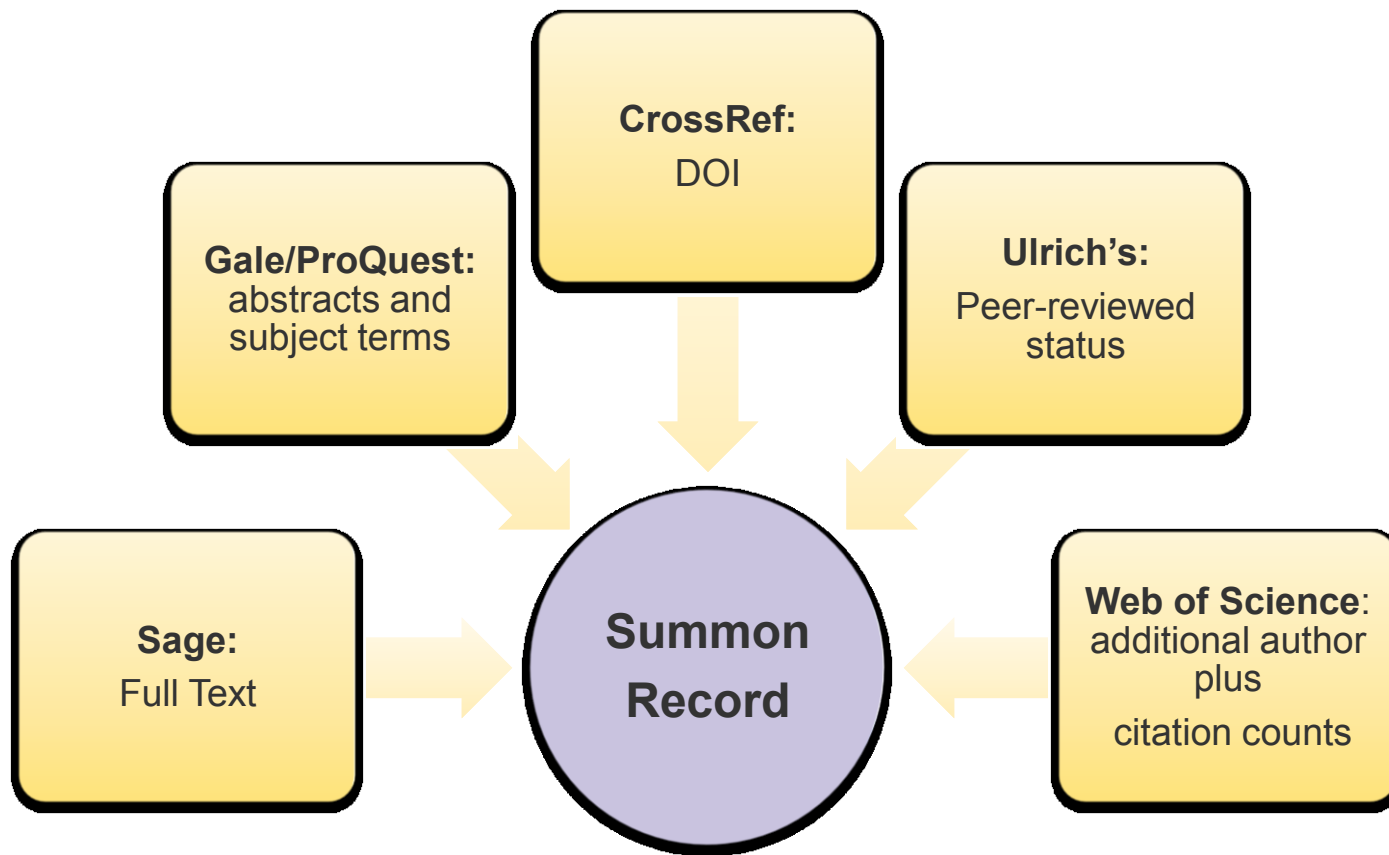
Over 8,000 Publishers indexed in Fulltext



“Match & Merge”



Example of Enriched Merged Record



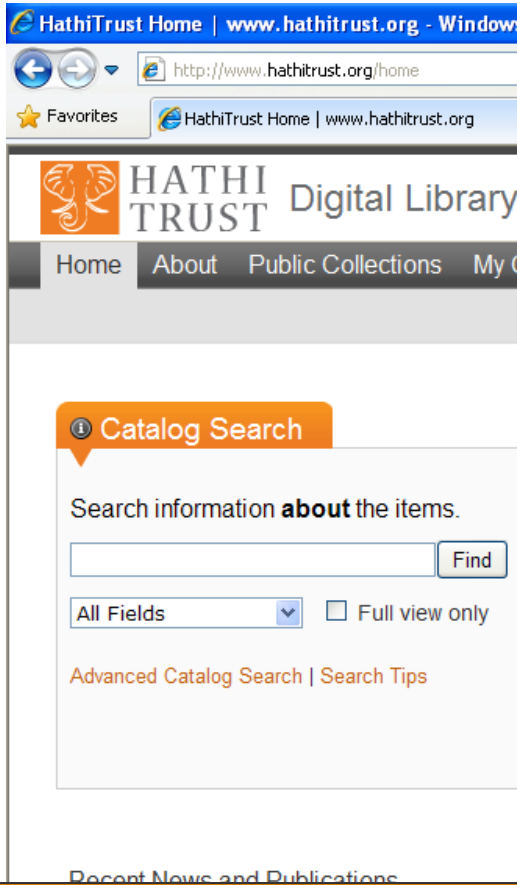
Massive Data enrichment

What about your OPAC Data?

```
001      26132811
008      920608s1992      nyu      bf      001 0 eng
010      $a92021087
020      $a1555701205
040      $aDLC$cDLC$dAGL
049      $aHNKA
050  00 $a2678.9$b.C58 1992
082  00 $a025/.00285$220
100  1  $aCohn, John M
245  10 $aPlanning for automation :$ba how-to-do it manual for
      librarians /$cJohn M. Cohn, Ann L. Kelsey, Keith Michael
      Fields
260      $aNew York :$bNeal Schuman Publishers,$cc1992
300      $avi, 116 p. :$c28 cm
440  0  $aHow-to-do it manuals for libraries ;$uno. 25
504      $aIncludes bibliographical references and index
650  0  $aLibraries$xAutomation$xManagement$xHandbooks, manuals, etc
650  0  $aLibrary planning$xHandbooks, manuals, etc
700  10 $aKelsey, Ann L
700  10 $aFields, Keith Michael
```

No longer enough for 21st Century Discovery

Fulltext Searching of your OPAC data!



HathiTrust Home | www.hathitrust.org - Windows
http://www.hathitrust.org/home
Favorites | HathiTrust Home | www.hathitrust.org

HATHI TRUST Digital Library
Home About Public Collections My C

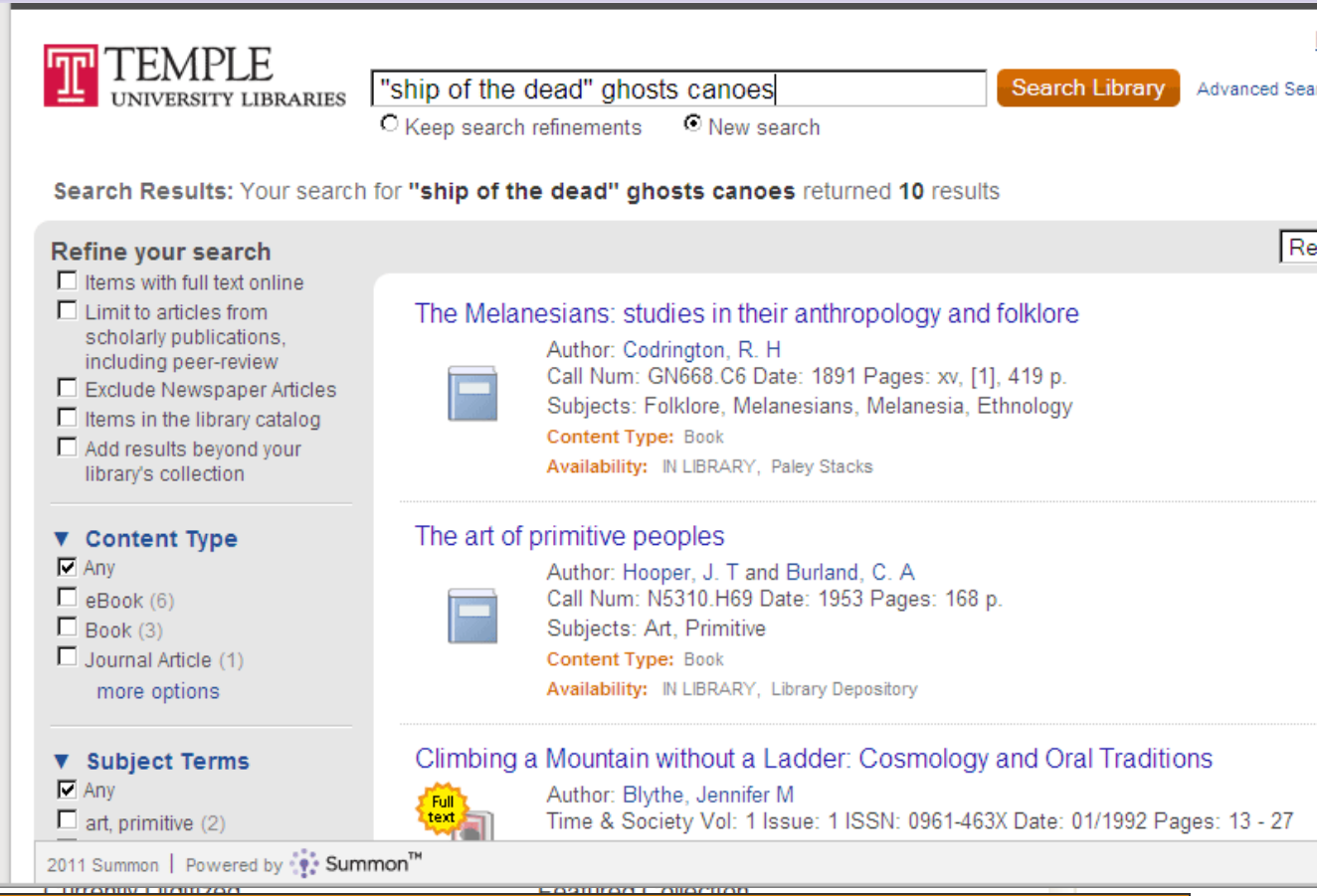
Catalog Search

Search information **about** the items.

All Fields Full view only

[Advanced Catalog Search](#) | [Search Tips](#)

Recent News and Publications



TEMPLE UNIVERSITY LIBRARIES

"ship of the dead" ghosts canoes [Advanced Search](#)

Keep search refinements New search

Search Results: Your search for "ship of the dead" ghosts canoes returned **10** results

Refine your search

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

Content Type

- Any
- eBook (6)
- Book (3)
- Journal Article (1)
- [more options](#)

Subject Terms

- Any
- art, primitive (2)

The Melanesians: studies in their anthropology and folklore


Author: Codrington, R. H
Call Num: GN668.C6 Date: 1891 Pages: xv, [1], 419 p.
Subjects: Folklore, Melanesians, Melanesia, Ethnology
Content Type: Book
Availability: IN LIBRARY, Paley Stacks

The art of primitive peoples

Author: Hooper, J. T and Burland, C. A
Call Num: N5310.H69 Date: 1953 Pages: 168 p.
Subjects: Art, Primitive
Content Type: Book
Availability: IN LIBRARY, Library Depository

Climbing a Mountain without a Ladder: Cosmology and Oral Traditions

Author: Blythe, Jennifer M
Time & Society Vol: 1 Issue: 1 ISSN: 0961-463X Date: 01/1992 Pages: 13 - 27

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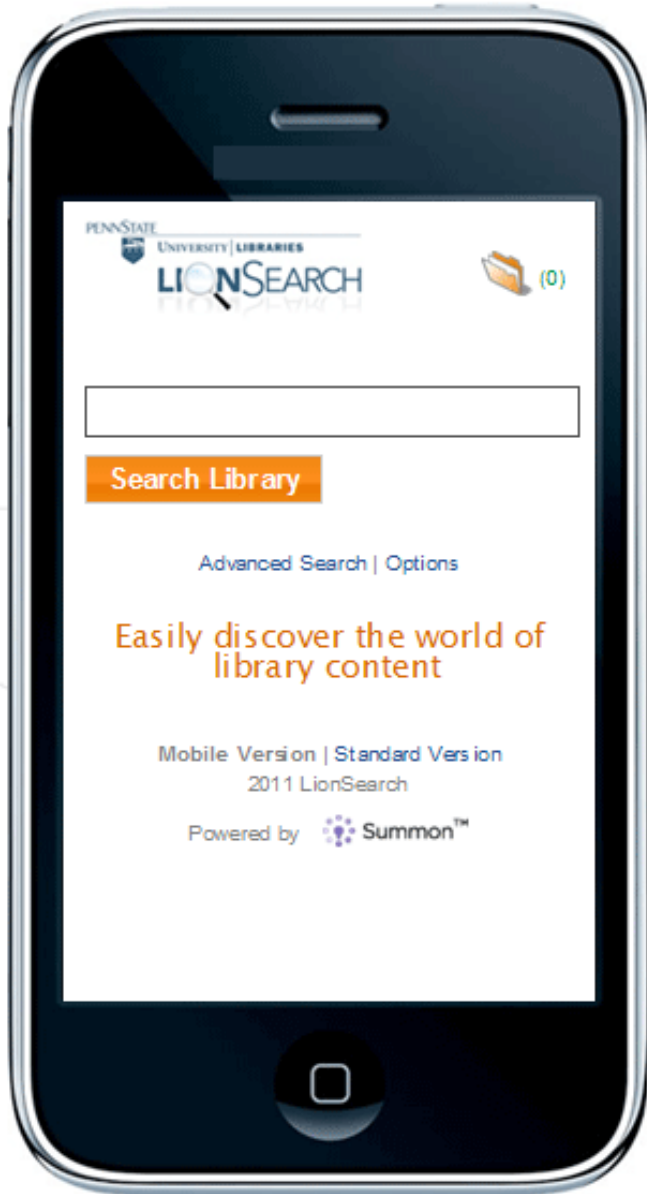
Search your print collection in Fulltext

Tell us what you think or Read the FAQ

374 terabytes
99 miles
6,783 tons
2,152,943 volumes (~26% of total)

Community.





SUMMON automatically works on
iPhone, Android, Blackberry

Try it:

<http://tiny.cc/summon>

And on TABLETS!

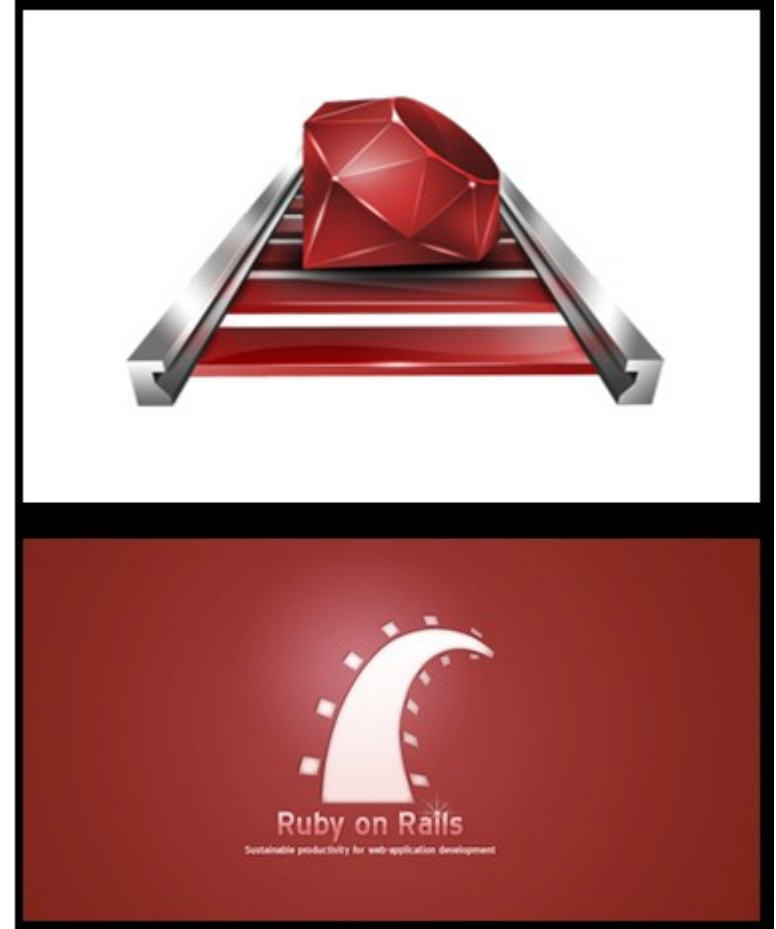


Open Source Search with Lucene & Solr

Lucene

Apache
Solr

magnolia®



Not just the future – it's the present!

- More than 300 libraries worldwide
- Under 12 Week Install
- Integrates with dozens of ILS and Next Gen Catalogues



Thanks!

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