ERIC and the WorldCat Registry

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ERIC Program Manager

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www.eric.ed.gov
The ERIC Collection contains over 1.2 million bibliographic records relevant to the field of education

- 597 Journals
- 502 Non-journal sources
  - Research reports
  - Conference papers
  - Government documents
  - Issue papers
  - Curriculum materials
- Books in education
Need for Full-text

• Full-text documents are in high demand
• ERIC users want more full-text
• ERIC Journal sources primarily have bibliographic records
• Non-journal sources
  • 1993 - present – most are available in full-text
  • 1966 - 1992 – most are available in microfiche only
Expanding Full Text Access

• More than 200,000 full-text materials already in ERIC
• Links from ERIC search results to commercial publishers
• Microfiche Digitization Project undertaken to convert microfiche records to digital format
• Researched approaches for expanding full-text access
  • Offered Link to My Library beta
  • Learned that maintaining our own list of resolvers is cumbersome
  • Found that a high number of ERIC users work from sites that offer electronic holdings
  • Investigated OCLC’s link to holdings approach
Individuals who search ERIC at www.eric.ed.gov see a Find in a Library link in the search results. ERIC is partnering with OCLC to leverage the OpenURL Gateway and WorldCat to provide users with a link from ERIC records to electronic and print resources available in libraries. The feature dramatically streamlines the process of obtaining full text.

The Find in a Library feature offers two linking paths: OpenURL access to library holdings and WorldCat. For users associated with one of the 1,100 libraries registered with the OCLC OpenURL Gateway, selecting Find in a Library will lead to a search of the library's electronic holdings and seamless access to available full text. If no full text is available users may choose to link to WorldCat.

March 19, 2007, ERIC.gov News
Find in a Library

- ERIC uses OCLC’s OpenURL registry to provide seamless access to electronic full-text or print holdings
- Leverages existing holdings data from over 1600 institutions and over 10,000 WorldCat libraries
- Greatly expands potential for full-text through ERIC
  - Any record with an ISSN or ISBN is linked to holdings
- Users not associated with a participating institution are redirected automatically to print holdings through WorldCat
<table>
<thead>
<tr>
<th>Title</th>
<th>Volume</th>
<th>Source</th>
</tr>
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<tbody>
<tr>
<td>The Praeger Handbook of American High Schools, Volume 3</td>
<td>ED495104</td>
<td>Praeger</td>
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Abstract:
The Praeger Handbook of American High Schools contains entries that explore the topic of secondary schools in the United States. Entries are arranged alphabetically and cover topics as varied as assessment to the history of the American high school, from attention-deficit/hyperactivity disorder to gay and straight student affairs.

Full-Text Availability Options:
Not available from ERIC | Find in a Library | Publisher's Web Site
The Praeger handbook of American high schools
by Kathryn M Borman; Spencer Cahill; Bridget A Cotner

Language: English  Type: Book  Internet Resource
ISBN: 0313325170  9780313325175  0313334331  9780313334337  031333434X  9780313334344  0313339813  9780313339813  0313339821  9780313339820  OCLC: 71789956  Cite this item

Subjects: High schools -- United States -- Handbooks, manuals, etc.  Education. Secondary -- United States -- Handbooks, manuals, etc.

More Info: Table of contents only

Review this item

Services from ONLINE COMPUTER LIBR CTR, INC for this item: Search the catalog at your library  Request item  Order Item from CISTI  OCLC FirstSearch

Libraries  Details  Subjects  Reviews

Enter Location Information:  95064

Displaying libraries 1-10 out of 51

1. University of California, Santa Cruz  Santa Cruz, CA 95064 United States  175 miles

Services: Library Information

Buy This Item

The Praeger handbook of American High...
Kathryn M. Borman ...
Best Price: $240.00

www.eric.ed.gov
Title: Creating Connections: Using the Internet to Support Struggling Readers Background Knowledge: Issues in Technology

Full Text Options

OnLine
Article is available from EBSCOhost Academic Search Complete

Year: 2004 Volume: 20 Issue: 3 Start Page:
CREATING CONNECTIONS: USING THE INTERNET TO SUPPORT STRUGGLING READERS' BACKGROUND KNOWLEDGE.

Authors: Karchmar, Rachel A.

Source: Reading & Writing Quarterly; Jul-Sep 2004, Vol. 20 Issue 3, p331-335, 5p

Document Type: Article

Subject Terms: INTERNET in education
SLOW learning children
READERS
LEARNING
EDUCATION
EDUCATIONAL technology

Abstract: Discusses the use of the Internet to support the background knowledge of struggling readers. Account of reasons why some students do not use the Internet in school; Importance of the preparation of all students to use the technology; Role of background knowledge in one's ability to learn.

ISSN: 1057-3559
Implementation Details

- Find in a Library functionality was implemented on ERIC Website on March 18, 2007.
- Search results for any ERIC record with an ISSN or ISBN have a Find in a Library link.
- For ISBN records, the nearest physical library with a copy of the book/item is located based on zip code of the user.
  - URL: http://worldcat.org/isbn/9781412921121
- For ISSN records, the ISSN plus title, author, publication date, volume, issue number and start page are used to lookup availability of the article.
- If the IP of the user is associated with an OpenURL resolver, the user is directed to a results page that points to their library holdings.
- If the IP of the user is not associated with an OpenURL resolver, the user is directed to an WorldCat query to determine nearest physical copy based on the zip code of the user.
Indicators of Success

• Comments and queries pertaining to full-text have declined to fewer than 30 a month (21 calls, 5 email messages related to full-text in February 2008)

• Total call center requests have dropped by 40%

• More than 9,000 referrals from ERIC to OCLC in March 2007 after Find in a Library was introduced

• Referrals have increased to over 28,000 per month on average during the fall semester (September – November) 2007
Referrals from ERIC

2007 OpenURL Gateway Referrals from ERIC

2007 Gateway Statistics
WorldCat Registry and ERIC: Library Perspective

Joanna White
WorldCat Registry Product Manager
OCLC Motivations

Current state
“closed” registries of essentially the same library data
inefficient, costly, libraries asked to update each vendor separately

What we want to do
Centralize and decrease time spent on redundant tasks
Put library services closer to web users
Develop web services for library partners and vendors
A global directory of libraries, their locations, contacts, and the services they provide

Free for all libraries to maintain and share with partners

Pre-populated with data we already have, augmented by libraries and partners

Centralized data essential for delivering content and services more efficiently on the Web
What Data is Included?

One entry per physical library location
- Down to branch/departmental level

Each entry includes:
- Geographic and electronic location - IP Addresses
- Services - OPAC, OpenURL, Virtual Reference
- People - contacts
- Administrative data
- Unique identifier & “crosswalks”
- Relationships and Affiliations

It’s good to have URL links 😊
Registry Example:

Georgia Institute of Technology

(http://www.worldcat.org/registry/Institutions/5090)
How does it all work?

Library sets up Resolver information in the Registry

OCLC makes information available for content providers via OpenURL Gateway

Researcher searching the content receives library services
Partners’ Perspective

Services Available Today

(\url{http://www.worldcat.org/affiliate/default.jsp})

<table>
<thead>
<tr>
<th>Service</th>
<th>Description</th>
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<tbody>
<tr>
<td>WorldCat Registry Search</td>
<td>Web service Based on specified criteria, find and retrieve basic information about institutions and consortia profiled in the WorldCat Registry.</td>
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<tr>
<td>WorldCat Registry Detail</td>
<td>Web service Retrieve detailed information about a single institution or consortium from its profile in the WorldCat Registry.</td>
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<tr>
<td>OpenURL Gateway</td>
<td>Web service Using a special OpenURL link syntax, direct your Web users to full text and other online resources at an appropriate library based on the user's IP address.</td>
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Free for non-Commercial Use

Easy to Implement:

1. Replace Static OpenURL with “Gateway” URL

<Resolver Base URL>?<Item Details> becomes this:

<http://worldcatlibraries.org/registry/gateway>?<Item Details>

2. Gateway queries based on incoming IP and provides:

User’s Library resolver or WorldCat Libraries
Who uses Registry services ...

ERIC

LibX

zotero

EthicShare Community

DIVNI

MAX PLANCK-GESELLSCHAFT

QuickSearch|MetaSearch|
Comprehensiveness

Over 93,000 Registry records
- Comprehensive for US Academic and Public to branch level
- Increasing comprehensiveness around the world
- Library does not need to be an OCLC member to be in the Registry

Over 1,600 records with at least one OpenURL resolver
- All major US Academic and ARL institutions
- Major vendors and home grown
- Working with OpenURL vendors to register on behalf of libraries

OpenURL Gateway Requests

<table>
<thead>
<tr>
<th>Jan 07</th>
<th>Apr 07</th>
<th>Jul 07</th>
<th>Oct 07</th>
<th>Jan 08</th>
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<td>100,000</td>
<td>150,000</td>
<td>200,000</td>
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Jan 07 Apr 07 Jul 07 Oct 07 Jan 08
1. Sign in to the Registry at:

   http://www.worldcat.org/registry/institutions

2. Create, review or edit your institution’s Profile

3. Maintain information in Registry, especially URLs to your services
Thank you for attending...

For more information, please contact:

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ERIC

OCLC

The world’s libraries. Connected.