OCLC Grid Services

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OCLC Research
What is OCLC Grid Services?

- Not grid computing, grid services
- Web Services: machine-to-machine services
- But… “give SOAP a REST”
- Exposes data (e.g., MARC records) and services (e.g., related works) in machine-processable form
Why OCLC Grid Services?

- Gain internal operational efficiencies
- Provide added value to member libraries
- Develop community to advise us on external needs and priorities
OCLC Grid Services

- Examples of Grid Services:
  - Identifier Services (e.g., xISBN, xISSN)
  - Registry Services (e.g., Institution Registry)
  - Experimental Services (e.g., Terminologies, often coming out of OCLC Research)
  - WorldCat Search API

- Support Service: Developer Network
• Find all related editions of a book or serial
• Easily incorporated into library catalogs, Web sites, and other library applications

100+ ISBNs for *Sorcerers Stone*

32 English (US and UK)
9 Spanish
3 Russian, German, Finnish, Latin
2 Chinese, Czech, French, Korean, Norwegian, Persian, Polish, Portuguese, Romanian, Turkish, Welsh,
1 Afrikaans, Albanian, Armenian, Basque, Bengali, Georgian, Galician, Gaelic, Ancient Greek, Greek, Gujarati, Hindi, Hungarian, Icelandic, Italian, Japanese, Latvian, Lithuanian, Malayalam, Sherpa, Slovenian, Swedish, Thai, Ukranian, Urdu

16 Audio
59 Book
WorldCat Registry
www.worldcat.org/registry/institutions

• 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
Registry Profile Example

Create a new WorldCat Registry profile

Profile Summary

University of Washington Libraries

Profile Summary
Download this Profile as XML

Name and Location
Identifiers
Relationships:
Branches
Affiliations
Services:
IP Addresses
Online Catalog
OpenURL Resolvers
Virtual Reference
Administrative Information
Contacts

Institution Name: University of Washington Libraries
Also Called:
Institution Type: APL Library

Street Address:
SUZZALLO LIBR BOX 352900
SEATTLE, Washington 98195-2900
United States

Business Address:
SUZZALLO LIBR BOX 352900
SEATTLE, Washington 98195-2900
United States

Phone:
Fax:
E-mail Address:
Home Page: http://www.lib.washington.edu/

Information Page:

Services:
IP Addresses:
Online Catalog: http://catalog.lib.washington.edu
OpenURL Resolvers:
Virtual Reference:
http://library.washington.edu/
The WorldCat Search API

- Searches with familiar protocols: OpenSearch and SRU
- Returns results in XML: RSS, Atom, MARC21 XML, Dublin Core
- Sorts library locations geographically (using a zip code, an IP address that is associated with a location, or a country)
- Can reformat records as standard citations ... APA, Chicago, Harvard, MLA, and Turabian
The URI Evaluator offers an easy way to test API requests and evaluate their responses.
Demo: include WorldCat.org book links in a web site sidebar
Demo: highlight citations, summaries, and local libraries

Web Service Demonstration

Look for civil war in libraries near 94002

Trends 1 to 5 of 332145


Photographic and text trace the life of the Civil War President.


Filled with fresh interpretations and information, puncturing old myths and challenging new ones, *Battle Cry of Freedom* will unquestionably become the standard one-volume history of the Civil War. James McPherson's fast-paced narrative fully integrates the political, social, and military events that crowded the two decades from the outbreak of one war in Mexico to the ending of another at Appomattox. Packed with drama and analytical insight, the book vividly recreates the momentous episodes that preceded the Civil War—the Dred Scott decision, the Lincoln-Douglas debates, John Brown's raid on Harper's Ferry—and then moves into a masterful chronicle of the war itself—the battles, the strategic maneuvering on both sides, the politics, and the personalities.

Particularly notable are McPherson's new views on such matters as the slavery expansion issue in the 1850s, the origins of the Republican Party, the causes of secession, internal dissent and anti-war opposition in the North and the South, and the reasons for the Union's victory. The book's title refers to the sentiments that informed both the Northern and Southern views of the conflict: the South seceded in the name of that freedom of self-determination and self-government for which their fathers had fought in 1776, while the North stood fast in defense of the Union founded by those fathers as the bulwark of American liberty. Eventually, the North had to grapple with the underlying cause of the war—slavery—and adopt a policy of emancipation as a second war aim. This "new birth of freedom," as Lincoln called it, constitutes the proudest legacy of America's bloodiest conflict. This authoritative volume makes sense of that vast and confusing "second American Revolution" we call the Civil War, a war that transformed a nation and
The WorldCat Widget works with SRU Dublin Core results. From there, links lead to library locations in WorldCat.org.

The CiteMe Widget uses OpenSearch results, with each citation automatically formatted based on the user’s preference: APA, Chicago, Harvard, MLA, or Turabian.
Karen Coombs’ WordPress Widget

UH Libraries News

Test Post

testing

Posted on May 29th, 2008 by Admin and filed under Announcements | Edit | No Comments »

New Research Resources for Business, Education, and Social Sciences

These new databases are now available from the University of Houston Libraries:

CQ Voting and Elections Collection: It integrates data, authoritative analyses, concise explanations, and historical material to provide a research and reference tool on voting and elections in America. From the American voter, to major and minor political parties, to actual races for Congress, the presidency, and governorships, the collection provides context-driven intelligence on the state of elections in America. Election data can be downloaded.

Educational Administration Abstracts: It provides bibliographic records covering essential areas related to educational administration, including education research, higher education administration theory, and other areas of key relevance to the discipline.

Health and Psychosocial Instruments (HaPI): It provides bibliographic information about behavioral measurement instruments. Information in the database is abstracted from hundreds of leading journals covering health sciences and psychosocial sciences. Additionally, instruments from Industrial/Organizational Behavior and Education are included.

Small Business Resource Center: This database provides relevant, authoritative, and easy-to-understand information

test

Search

Categories

Announcements
Building Announcements
Libraries Survey
New Resource
New Service
Planned Closure
Planned Down Time
Special Event or Display

Archives

2008: Jan Feb Mar Apr May Jun
Jul Aug Sep Oct Nov Dec
2007: Jan Feb Mar Apr May Jun
Jul Aug Sep Oct Nov Dec
2006: Jan Feb Mar Apr May Jun
Jul Aug Sep Oct Nov Dec
Barack Obama in his own words / edited by Lisa Rogak.

Main Author: Obama, Barack.
Other Authors: Rogak, Lisa, 1962-
Language: English
Subjects: Legislators > Quotations. > United States African American legislators > Quotations.

Holdings:

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Location: SML, Stacks, LC Classification: View in Orbis
Batch Loading to WorldCat April 2008 ++

- Australia contributed 17 million records, 4.4 million new to WCat

Near Real Time Update

- NLA Live date 16 January 2009
- backlog stream (est. 230,000 transactions since Dec 5 2008)
- normal stream (est. 10,000 – 15,000 per day)

(target < 5 secs.)
• Remote users authenticated to use licensed databases
• Enables EZproxy to act as a Shibboleth 1.3/2.0 service provider
• Enhanced facilities for implementing complex authentication and authorization policies
• Simplifies SSL certificate management
• Incorporates RedirectSafe (directive) for URL’s in which users can be redirected instead of proxied.
WorldCat Grid - Coming Up

- Hosted EZproxy Pilot
- Updates to WorldCat API & xID services
- Data Services Bundle (validation, terminologies, crosswalks)
- European Hackathon (end of April or early May?)

Stay tuned to Developer Network for details...
Developer Network

- Documentation (wiki)
- Communication (blog, discussion list)
- Infrastructure for collaboration (wiki, code repository)
- Web services pilots
- Sponsorship of events (e.g., Hackathon)

http://worldcat.org/devnet
WorldCat Developer's Network

The WorldCat Developer's Network is a community of developers collaborating in a "sandbox" environment in order to propose, discuss and test WorldCat Grid Services. This open source, code-sharing infrastructure improves the value of OCLC data for all users by encouraging new Grid Service uses.

How do I participate in the Network?

- Coming! WorldCat Hackathon, November 7-8 at the New York Public Library!
- Membership in the network is open to any developer in the library services industry, and to any other informed, interested user of library services.
- There is no charge to be a member of the network.
- OCLC hosts this wiki space and a blog for members to use for communication and code posting.
- OCLC hosts the Developer's Network Listserv. To subscribe, visit this page and look for WC-DEVNET-L at the bottom. Participation in mailing lists is open to anyone, as is access to any information on the Developer's Network web site.

Learn more about OCLC Grid Services

Including... WorldCat API, xID services, Registry services

http://worldcat.org/devnet/