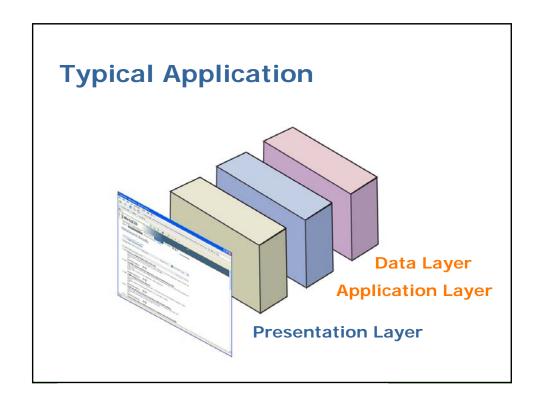
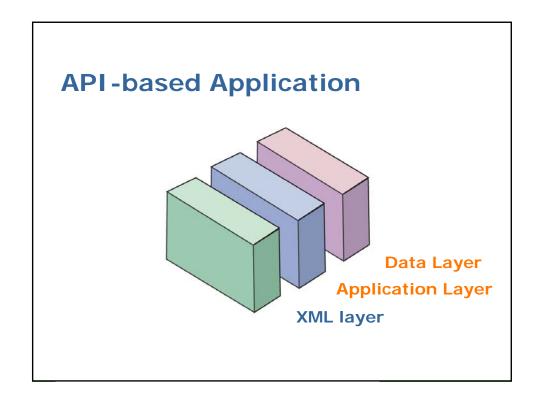


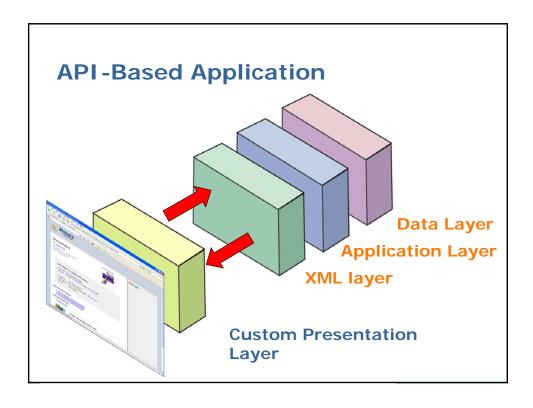
Outline

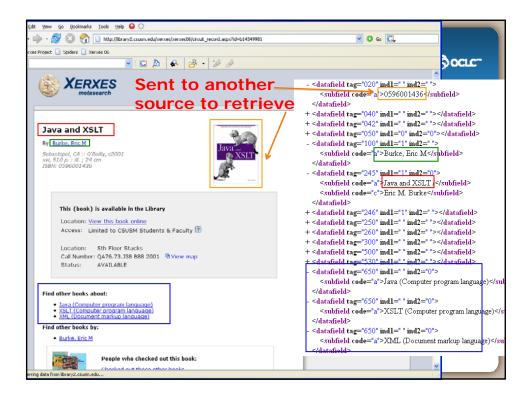


- Brief Introduction to APIs and Web Services
- OCLC Grid Services
- WorldCat Search API
- OCLC Developers' Network









Web Services

Cocrc.

- Machine-to-machine protocol for sharing data and services
- Officially, a somewhat standards-heavy framework that includes aspects not commonly used (e.g., WSDL, UDDI, etc.)
- In a nutshell:
 - Send a request as a set of parameters in a URL: http://worldcat.org/webservices/catalog/search/opensea rch?q=civil%20war&wskey=[key]
 - 2. Get back an XML document

OCLC Grid Services

Cocre

- Not grid computing, grid services
- Web Services based
- Exposes data (e.g., MARC records) and services (e.g., find related works) in machine-readable form

Why OCLC Grid Services?

(Bocte-

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



OCLC Grid Services

Gocte

- Examples of Grid Services:
 - Identifier Services (e.g., xISBN, xISSN)
 - Registry Services (e.g., Institution Registry)
 - Authentication Services (i.e., EZProxy)
 - WorldCat Search API
 - Experimental Services (e.g., Terminologies, often coming out of OCLC Research)
- Support Service: Developers' Network

xISBN



- · 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

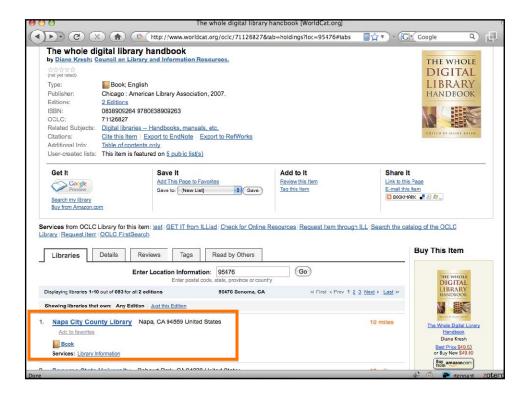


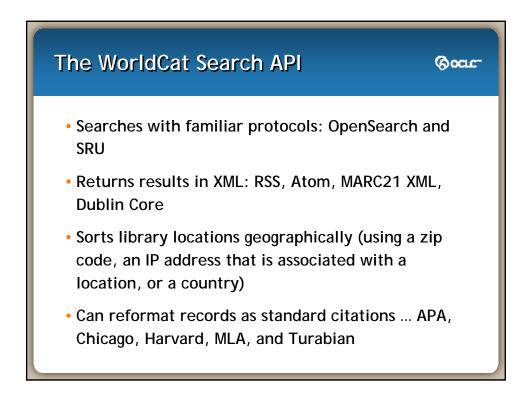
- A global directory of libraries, their locations, contacts, and the services they provide
- Free for all libraries to maintain and share with partners
- Pre-populated with data we already have, augmented by libraries and partners
- Centralized data essential for delivering content and services more efficiently on the Web

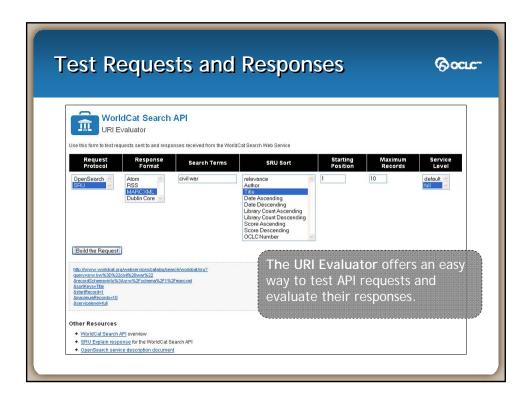


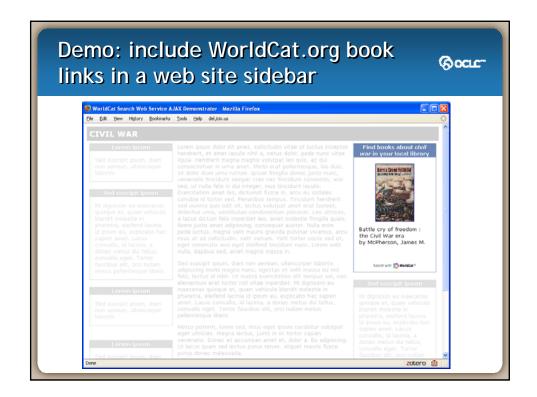




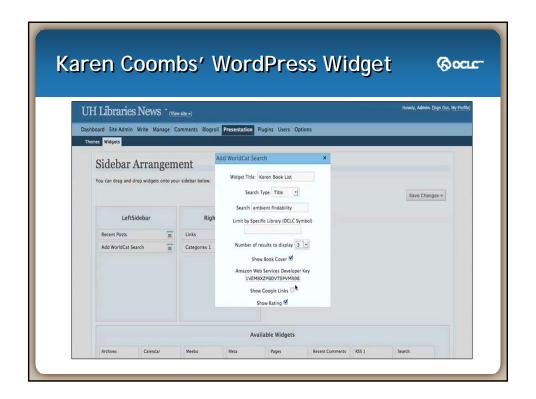


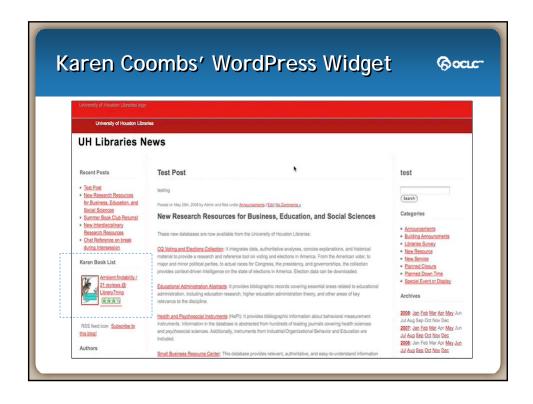






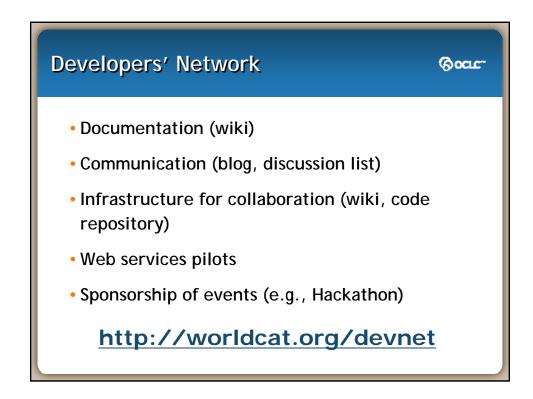
















Future Plans

Cocrc.

- Hosted EZproxy Pilot
- Updates to WorldCat API & xID services
- Data Services Bundle (validation, terminologies, crosswalks)
- Additional Hackathons: Europe (Spring?), West Coast (Fall?)

Stay tuned to Developers' Network for details...

Essential Addresses



OCLC Grid Services and Developers' Network:

http://worldcat.org/devnet/

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