

ÖpënÜRL

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Two minute intro to OpenURL

Standardized way to request context sensitive services from an OpenURL *resolver* via a *ContextObject*

- Referent
- Referrer
- ReferringEntity
- Requestor
- ServiceType
- Resolver

Community Profiles

Knowledgebase

Example

Participate!

<http://openurl.code4lib.org/>

Ümwhatnow?

An OpenURL middleware layer

No need to recreate a means to link to journals, ebooks, etc.

Queries:

- Pubmed, Crossref
- SFX
- Local catalog, consortial catalog, Worldcat.org
 - in a variety of ways (xISBN, etc.)
- Amazon (if ISBN)
- Google API, Yahoo API
- Social Bookmarkers: del.icio.us, Connotea, CiteULike, etc.

Why we needed Umlaut

- Georgia Tech motivations
 - Needed data for Communicat
 - Couldn't resolve conference proceedings
 - Preprints, Postprints, Working Papers
 - Tired of "clicking and praying"
- Johns Hopkins motivations
 - Print holdings directly on page
 - Catalog MARC 856 URLs
 - Document delivery requests
 - Loosely coupled interface flexibility
 - --->>> Umlaut as platform

Tour of an Ümlaut

A. Direct link with banner

<http://findit.library.jhu.edu/go/108175>

B. Full menu

/go/108175?umlaut.skip_resolve_menu=false

C. Library holdings on page

<http://findit.library.jhu.edu/go/108372>

D. Book citation

<http://findit.library.jhu.edu/go/108361>

JHÜmlaut

Tour of an Ümlaut

E. URL from ILS (MARC 856)

/go/31053?umlaut.skip_resolve_menu=false

F. OCA and Gutenberg

<http://findit.library.jhu.edu/go/108406>

G. OPAC integration

<https://catalog.library.jhu.edu/...>

JHÜmlaut

Interesting Engineering

Just a mention...

- Local configuration
- Background services

Future

Feature wishlist

- Rochester “Getting Users Fulltext” page-skipping clone
- Google Books search?
- link to OCLC Identities
- xISBN/thingISBN use?
- Enhanced serial metadata
- Public access journal articles
- "Cited by" service
- Enhance metadata for citation manager export.
- Integrate local document delivery services
- Connectors for other knowledge bases

Fütüre

U3 -- document-oriented database as store instead of rdbms

Performance improvements

Relying on web services is inherently latent

Caching?

Precoordinating more data?

User-centric collection

Fütüre

Collaborators wanted!

<http://umlaut.rubyforge.org/>