

Link Resolver und Lokalisierung

Moderne Nutzerunterstützung
beim Information Retrieval

Alexander Struck BBK 13.11.07

Agenda

- **Link Resolver**
 - > Problem
 - > Lösung
 - > Möglichkeiten
 - > Linking Probleme
 - **Lokalisierung/Discovery**
 - > Einbinden in DB GUI
 - > Cookie Pusher
 - > OpenURL Redirect
 - > Browser Plugin
- ==> ANWENDUNG

Problemstellung

- *Nutzer kommt mit bibliographischen Angaben zum “Information Desk” ...*
- Ist der Volltext online/print verfügbar?
- Oder kann man ihn bestellen?
- Ist das ein ‘gutes’ Journal / Buch?
- Was weiß man über den Autor?
- Gibt es weitere relevante Quellen für die aktuelle Recherche?

Arbeitsschritte?

- Online / Print Journale nach Verfügbarkeit und Jahrgang durchsuchen
- Dokumentenlieferung prüfen
- Zitierhäufigkeit / Rezensionen
- Was hat der Autor sonst noch geschrieben
- Schlagwortverzeichnisse durchforsten
- ...

Ovid Technologies - WebSPIRS 5.12 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://web5s.silverplatter.com/webspirs/sta Google

private tech support auth/SSO fedsearch linking OvidSP writely >del.icio.us

Ovid Technologies - WebSPIRS 5.... Ovid: Search Form

ERL WebSPIRS⁵ Search | Database Guide | Help Logout

Searching database: **The Philosopher's Index 1940-2007/06** Change Database(s)

Search Advanced Thesaurus Index Find Citation Search History How do I ...?

Type a term or phrase then click **Search**.

in

Limit Search To:

☐ Published after 2001

Show: Records 1 to 10 of 18 Go To Record:

☐ 3 **TI: Language Modeling for Information Retrieval**

AU: Croft,-W-Bruce (ed); Lafferty,-John (ed)

SO: Journal-of-Logic,-Language-and-Information. Autumn 04; 13(4): 531-534

IS: 0925-8531

PB: Kluwer-Academic-Pub : Dordrecht, 2003

PY: 2003

ILINK: 

In Database: The Philosopher's Index 1940-2007/06.

http://sfx.kobv.de/sfx_hub?sid=SP:PHIL&genre=Book-Review&aualast=&issn... Tor Disabled 160.109.109.3 IP S L

OpenURL v0.1

http://sfx.kobv.de/sfx_hub?

sid=SP:PHIL&genre=Book-Review&

aulast=&

issn=0925-8531&

title=Journal-of-Logic%2c-Language-and-Information&

atitle=Language%20Modeling%20for%20Information%20Retrieval&

volume=13&

issue=4&

spage=531

date=2003

Universitätsbibliothek der Humboldt-Universität

SFX Dienstleistungen zu diesen Datensatz (SFX Services)

Title: Language Modeling for Information Retrieval
Datensatz: Journal of logic, language, and information [0925-8531] yr:2003 vol:13 iss:4 pg:531

Volltext
 Volltext verfügbar über **Springer Standard Collection**
 Year: Volume: Issue: Start Page: **GO**
 Verfügbar ab: 1997

Bestandsinformation
 Suche in: **Bibliothek der Humboldt-Universität zu Berlin** **GO**
 Suche in: **Karlsruher Virtueller Katalog** **GO**
 Suche in: **Zeitschriftendatenbank** **GO**

Fernleihe/Dokumentenlieferung
 Dokumentenlieferung über **Subito** **GO**

Referenz
 Referenz speichern (Endnote/Ref-Manager) **ISI Direct Export Tool** **GO**

Web Service
Fehlermeldung an die Bibliothek **GO**
Fehlermeldung an die Bibliothek **GO**
Hinweis/Anfrage an die Bibliothek **GO**
Hinweis/Anfrage an die Bibliothek **GO**

Web Suche
 Finde ähnlich Information in **einer WWW-Suchmaschine**
 GO
 Search Terms:

© 2005 SFX by Ex Libris Inc. **HOSTED BY kobv** CrossRef Enabled

Link Resolver
 Knowledge Base (DB)
 Metadaten und =>
 Artikellinks (Templates)

 OPAC Suche / Check

 Dokumentenlieferung

 weitere relevante Links
 und Optionen

Administration

Link Type Display Conditions:	
<input type="text" value="Don't Show"/>	Holdings when Full Text is available
<input type="text" value="Don't Show"/>	Document Delivery when Full Text is available
<input type="text" value="Show"/>	External Link Resolver when Full Text is available
<input type="text" value="Don't Show"/>	Document Delivery when Holdings is available

Terminologie

- **„LinkOut“ vs. Link Resolver & Context Sensitive Linking**
=> LinkTargets (institutionsbezogen) aktivieren + administrieren
- **OpenURL v1.0**
`http://linksolver.ovid.com/OpenUrl/LinkSolver?
url_ver=Z39.88-2004&url_ctx_fmt=info:ofi/fmt:kev:mtx:ctx&
rft_val_fmt=info:ofi/fmt:kev:mtx:journal&
rft.atitle=The+genome+sequence+of+Drosophila+melanogaster&
rft.auinit=MD&rft.aulast=Adams&
rft.date=2000&rft.epage=2195&rft.genre=article&
rft.issn=0036-8075&rft.issue=5461&rft.spage=2185&
rft.stitle=SCIENCE&rft.title=SCIENCE&rft.volume=287&
rfr_id=info:sid/www.isinet.com:WoK:WOS&rft.au=Celniker,+SE&rft.a
u=Holt,+RA&rft.au=Evans,+CA&rft.au=Gocayne,+JD&rft.au=Amanat
ides`
- **ContextObject**

(Administrations-) Möglichkeiten

The screenshot shows the 'Search Fields' tab selected among several options: Basic Search, Find Citation, Search Tools, Search Fields, Ovid Syntax, and SilverPlatter Syntax. The interface has a light green background. On the left, there is instructional text: 'Click the "Search" button to search the text in the selected fields.' and 'Click the "Display Indexes" button to browse the selected indexes, starting with the text'. At the top, there is a search input field labeled 'Enter word or phrase:' with three buttons below it: 'Display Indexes >>', 'Search >>', and 'Clear selections'. The main area contains a grid of search field options, each with a checkbox and a label: 'af All Fields' (checked), 'ab Abstract', 'an Accession Number', 'au Author', 'dp Date of Publication', 'de Descriptors', 'di Disease', 'dg Drug', 'hw Heading Words', 'is ISSN', 'ip Issue /Part', 'ja Journal Abbreviation', 'jn Journal Name', 'jw Journal Words', 'mf Microfiche Number', 'pg Pagination', 'pt Publication Type', 'yr Publication Year', 'ti Title', and 'vo Volume'.

Basic Search Find Citation Search Tools **Search Fields** Ovid Syntax SilverPlatter Syntax

Click the "Search" button to search the text in the selected fields.

Click the "Display Indexes" button to browse the selected indexes, starting with the text

Enter word or phrase:

Display Indexes >> Search >> Clear selections

☒ **af All Fields**

☐ **ab:** [Abstract](#)

☐ **an:** [Accession Number](#)

☐ **au:** [Author](#)

☐ **dp:** [Date of Publication](#)

☐ **de:** [Descriptors](#)

☐ **di:** [Disease](#)

☐ **dg:** [Drug](#)

☐ **hw:** [Heading Words](#)

☐ **is:** [ISSN](#)

☐ **ip:** [Issue /Part](#)

☐ **ja:** [Journal Abbreviation](#)

☐ **jn:** [Journal Name](#)

☐ **jw:** [Journal Words](#)

☐ **mf:** [Microfiche Number](#)

☐ **pg:** [Pagination](#)

☐ **pt:** [Publication Type](#)

☐ **yr:** [Publication Year](#)

☐ **ti:** [Title](#)

☐ **vo:** [Volume](#)

http://clinicalresource.ovid.com/gateway?drugname=<p01/>

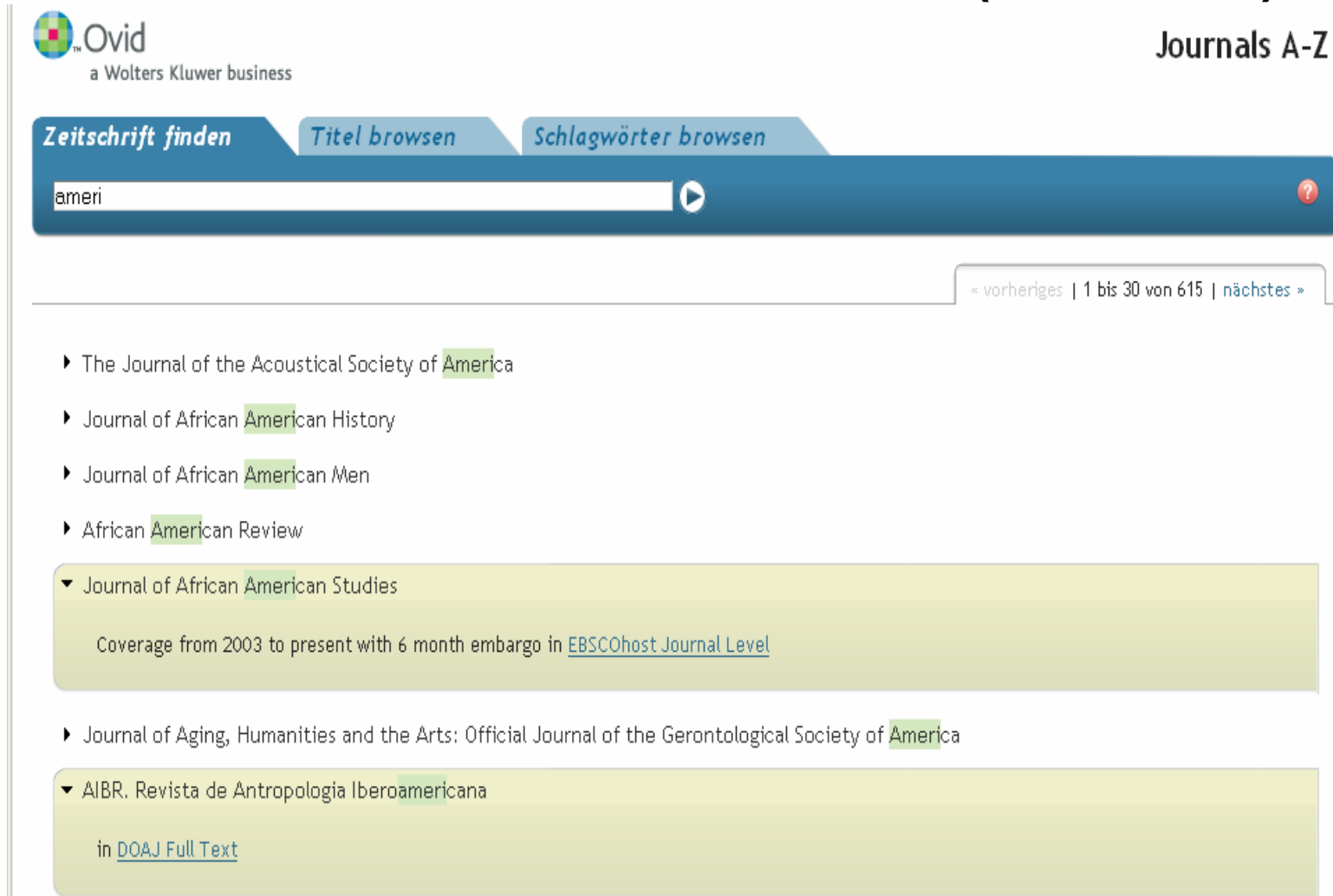
The screenshot displays the 'A to Z Drug Facts' section for Oxaliplatin on the Clinical Resource website. The page features a top navigation bar with links to Clinical Search, EBM Guidelines, Drug Information, National Guidelines, Patient Handouts, and Books. A left sidebar contains a 'QUICK SEARCH' box and a list of navigation links including Drug Facts & Comparisons, Drug Facts & Comparisons [A-Z], A to Z Drug Facts [A-Z], Drug Interaction Facts [A-Z], MedFacts Patient Handouts [A-Z], and Review of Natural Products [A-Z]. The main content area is titled 'Oxaliplatin' and includes the following information:

- Pronunciation:** (ocks-AL-ih-pla-tin)
- Class:**
 - ♦ Platinum coordination complex
 - ♦ Antineoplastic agent
- How Supplied:**
 - Eloxatin**
 - Injection - 50 mg
 - Injection - 100 mg
- Route/Dosage** [Go To Top](#)
 - Adjuvant Therapy for Stage III Colon Cancer**

Adults: IV: Recommended dose schedule given every 2 wk for 12 cycles (6 mo) according to the dose schedule for previously treated patients with advanced colorectal cancer.
 - Previously Untreated and Previously Treated Advanced Colorectal Cancer**

Adults: IV: Recommended dose schedule given every 2 wk: Day 1 : Oxaliplatin 85 mg/m² IV infusion and leucovorin 200 mg/m² IV infusion, both given over 120 min at the same time in separate bags using a Y-line, followed by 5-fluorouracil 400 mg/m² IV bolus given over 2 to 4 min, followed by 5-fluorouracil 600 mg/m² IV infusion as a 22-h continuous infusion. Day 2 : Leucovorin 200 mg/m² IV infusion over 120 min, followed by 5-fluorouracil 400 mg/m² IV bolus given over 2 to 4 min, followed by 5-fluorouracil 600 mg/m² IV infusion as a 22-h continuous infusion.
 - Dose modification:** Prior to subsequent therapy cycles, evaluate patients for clinical toxicities and laboratory tests. Prolongation of infusion time for oxaliplatin from 2 to 6 h decreases C_{max} about 32% and may mitigate acute toxicities. The infusion times for infusional 5-fluorouracil and leucovorin do not need to be changed.

Journal Level Links (“EZB”)



Ovid
a Wolters Kluwer business

Journals A-Z

Zeitschrift finden Titel browsen Schlagwörter browsen

ameri

« vorheriges | 1 bis 30 von 615 | nächstes »

- ▶ The Journal of the Acoustical Society of America
- ▶ Journal of African American History
- ▶ Journal of African American Men
- ▶ African American Review
- ▼ Journal of African American Studies
Coverage from 2003 to present with 6 month embargo in [EBSCOhost Journal Level](#)
- ▶ Journal of Aging, Humanities and the Arts: Official Journal of the Gerontological Society of America
- ▼ AIBR. Revista de Antropologia Iberoamericana
in [DOAJ Full Text](#)

Link Resolver = Web Server App

- Input = Sprache “openURL” u. a.
(Parsen > Metadaten mit KnowledgeBase
abgleichen > Link anzeigen)
- Output = jede URL Struktur
(evtl. auch Web Services, z39.50, ...)
URL Templates Input Metadaten fuellen
(PMID & DOI benoetigen Lookup)
- SFX ist kein Synonym für Link Resolver :]

Lokalisierung / Discovery

- *Wie kann der **eigene** Link Resolver angesteuert werden?*

=> Auf Seiten des Server in Admin UI

- Einbinden in DB GUI
- OpenURL Redirekt

=> Auf Seiten des Benutzers

- Cookie Pusher
- Browser Plugin (JavaScript)

Button / Link in DB GUI

- BaseURL
notwendig
- Link Text
oder Button

TI: Thomas Hollis and his donation to Leiden University **Library**, 1759-70

AU: STRIEN,-Kees-van

SO: Quaerendo-. 2000, v. 30, no. 1, Winter, p. 3-34; 6 ill.

PY: 2000

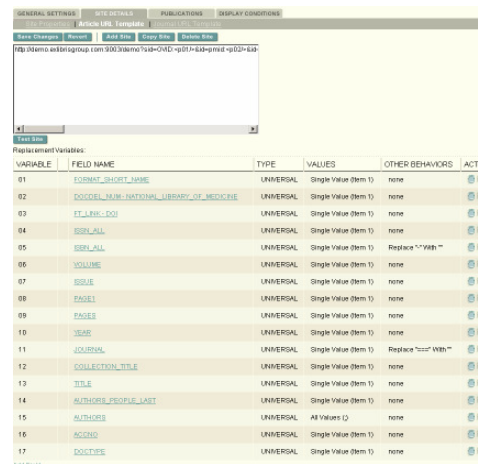
ILINK: 


















Complete Record

Find Similar

In Database: Bibliographv of the History of Art 2003/10-2006/12

- Admin GUI
Live =>



VARIABLE	FIELD NAME	TYPE	VALUES	OTHER BEHAVIORS	ACTION
01	FORMAT_SHORT_NAME	UNIVERSAL	Single Value (Item 1)	none	 L4
02	DOCDL_NBR_NATIONAL_LIBRARY_OF_MEDICINE	UNIVERSAL	Single Value (Item 1)	none	 L4
03	ET_LINK_DOI	UNIVERSAL	Single Value (Item 1)	none	 L4
04	EDL_CALL	UNIVERSAL	Single Value (Item 1)	none	 L4
05	EDL_CALL	UNIVERSAL	Single Value (Item 1)	Replace "" with ""	 L4
06	VOLUME	UNIVERSAL	Single Value (Item 1)	none	 L4
07	ISSUE	UNIVERSAL	Single Value (Item 1)	none	 L4
08	PAGES	UNIVERSAL	Single Value (Item 1)	none	 L4
09	PAGES	UNIVERSAL	Single Value (Item 1)	none	 L4
10	YEAR	UNIVERSAL	Single Value (Item 1)	none	 L4
11	JOURNAL	UNIVERSAL	Single Value (Item 1)	Replace "" with ""	 L4
12	COLLECTIVE TITLE	UNIVERSAL	Single Value (Item 1)	none	 L4
13	TITLE	UNIVERSAL	Single Value (Item 1)	none	 L4
14	AUTHOR_PROFILE_LAST	UNIVERSAL	Single Value (Item 1)	none	 L4
15	AUTHORS	UNIVERSAL	All Values (2)	none	 L4
16	ACCORD	UNIVERSAL	Single Value (Item 1)	none	 L4
17	DOCTYPE	UNIVERSAL	Single Value (Item 1)	none	 L4

OpenURL Redirect

- Anbieter bibliographischer Daten kann keine Benutzergruppenverwaltung & Authentifikation leisten ...
=> schickt alle OpenURLs an Redirect Dienst
- Dort muessen dann die Institutionen z. B. ihre IP Bereiche bekannt geben
- Bsp: Vascoda, OpenURL.de, WorldCat, ...
- ... es wird nur die BaseURL ausgetauscht

Austausch der BaseURL

- Dort wollen wir hin:

http://sfx.kobv.de/sfx_hub?auinit=P&aulast=Lipp&title=Sicherheit+und+Kryptographie+in+Java&genre=book&isbn=3827315670&date=2000&sid=libx:hub

- Konnten aber nur an WorldCat verweisen

<http://worldcatlibraries.org/registry/gateway/?auinit=P&aulast=Lipp&title=Sicherheit+und+Kryptographie+in+Java&genre=book&isbn=3827315670&date=2000&sid=libx:hub>

WorldCat bietet noch mehr...

- ... man muss es nur nutzen

http://worldcat.org/oclc/104435639&referer=brief_results

- Wie geht denn das?

<http://worldcatlibraries.org/registry/lookup?IP=141.20.17.23>

- Gern geschehen!

[Login](#) Resolver Registry

- @UB.HU: bitte SFX selber registrieren

<http://www.worldcat.org/registry/Institutions/18518>

COinS (ContextObjects in Spans)

- ... da war doch grad dieser SFX Button?
- im HTML Code ist “openURL” versteckt
- JavaScript im Browser kann das auslesen
- Browser Plugin ermöglicht Konfiguration der SFX BaseURL und eines Buttons
- <http://www.openly.com/openurlref/>
- Andere Ansätze zur Hinterlegung bibliographischer Angaben im Web sind [Microformat](#) ... Bibliothekarisches Engagement???

COinS in action

Orchard, Leslie M (2005). <i>Hacking RSS and Atom</i>.

Wiley. ISBN 978-0-7645-9758-9.</cite>

OpenURL Referrer Preferences [X]

Global Settings:

- ☒ Insert links in Google Scholar Search Results
- ☒ Insert links in Google News Archive Search Results
- ☒ Activate OpenURL COinS

Profiles:

LinkSolver [v]

New Profile Delete Profile Find Local Resolvers

Profile Settings:

Link Server Base URL

OpenURL version: ☒ 0.1 ☐ 1.0

Display link as:

☐ Text

☒ Image

Location

☐ Strip commas and periods from journal titles

OK Save Changes Cancel

Cookie Pusher

- HTTP stateless ...Verbindungsabbau : [
- Browser > Cookie? ==> Webseite
- Bibliothek linkt entweder auf CookiePusher oder
- Nutzer setzt sich den Cookie selber
- http://www.exlibris-usa.com/sfx_cookiepusher.htm

```
Name: user-OpenURL
Content: http%3A%2F%2Flinksolver.ovid.com%2FOpenUrl%2FLinkSolver
Host: www.geodok.uni-erlangen.de
Path: /
Send For: Any type of connection
Expires: Donnerstag, 15. November 2007 17:24:44
```

Beispiel Cookie Pusher

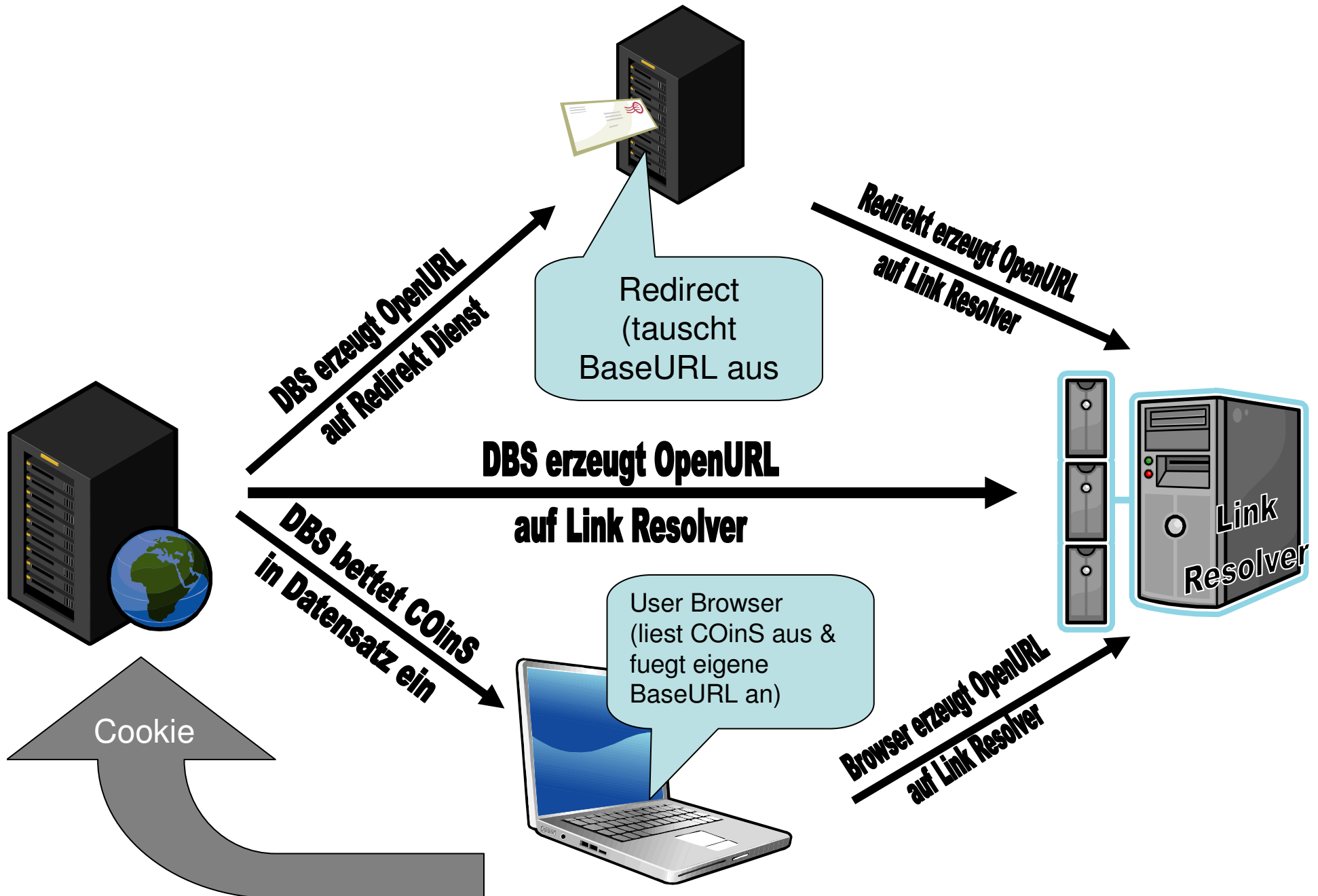
`http://lcweb2.loc.gov/cgi-bin/pushcookie?
BASE-URL=linksolver.ovid.com/OpenUrl/LinkSolver&
OpenLink=www.linksolver.com/site/images/linksolver.gif&
Redirect=http://lcweb2.loc.gov/hlas/mdbquery.html`

Anwendung

- LibX Toolbar für Firefox & MSIE
- Quick Links
- DB Index Suche
- Google Scholar Push Button
- JavaScript liest DOI, PMID, ISSN, ISBN aus dem HTML aus ...
... und schickt OpenURL an Link Resolver
... oder Anfrage an eingestellte Kataloge
- Google with a Cue

Let's go live

<http://www.google.de/search?num=30&hl=en&newwindow=1&q=applied+informetrics+information+retrieval+DOI&btnG=Search>



Danke! Fragen?

- <http://del.icio.us/slingshot/openurl>
- struck (at) informatik (dot) hu-berlin (dot) de
- [IBI Weblog Posting](#)
- <http://ocoins.info/>
- <http://unapi.info/specs/>