Leveraging Voyager with Open Source Software

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University of Regina

EndUser Conference
Chicago, April 28, 2005
Outline

- Consortium Co-operative Projects Background
- Open Source Decision & Implementation
- reSearcher Suite of Products
- Configuring Voyager for reSearcher
- Issues of implementing reSearcher Open Source
- OpenILL
- Configuring Voyager & reSearcher for OpenILL
- Issues of implementing OpenILL Open Source
- Further Information & Documentation Sources
- Online Demonstration
- Questions
COPPUL Consortia Background

- COPPUL – Council of Prairie and Pacific Universities
- Systems Group Meetings and Formulation of Project Plans
- Western Virtual Library evolution to reSearcher Suite
- Programming of reSearcher components with member input
- Roll out to member institutions
- Integrating into Voyager Interface
- OpenILL Extension
reSearcher Suite

- Godot
- CUFTS
- CUFTS II or CJDB – CUFTS Journals Database
- Citation Manager
- dbWiz (in development for federated searching of multiple databases)
reSearcher Suite - GODOT

- GODOT Link Resolver configuration screens for Voyager
- Ezproxy for off-campus access to databases
- Files added to Voyager server
  - GPD script to run as a godot patron daemon from inetd file on server to link into Circulation with fake PIN (Voyager patron groups added)
  - Add a line to /etc/services “gpd 6950/tcp # gdp GODOT Patron Daemon”
  - Add a line to /etc/inetd.conf “gdp stream tcp nowait noboby /usr/local/gpd/gpd” to run the daemon as the user ‘nobody’ on port 6950
  - Added ILL Online Request button to Web Voyage to link into GODOT online request forms and Voyager
- Z39.50 bugs and workaround with canned searches to link database searches into Voyager to check holdings
As part of the redesign of the GODOT interface, some options are being replaced with configurable templates. Options that are now obsolete in the redesigned version are shown in grey. Options that will soon be obsolete are shown in orange.

COPPUL sites should fill out all sections except Print/Download/Email, Non-SFU Print and SLRI and BRS.
Configure User (SRU) - System and Z39.50

Start Over | Update Configuration

'R' means the field is required.
'P' means the field is used only if there will be patrons associated with this user profile. See USED_BY_PATRON_FIELD for more info.

Please note that the order of the options has changed. (12-feb-2002)

<table>
<thead>
<tr>
<th><strong>NEW! USE_NEW_INTERFACE_FIELD:</strong></th>
<th>Use the new template based user interface.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T   F</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SYSTEM_TYPE_FIELD:</strong></th>
<th>Type of system.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEPH</td>
<td></td>
</tr>
<tr>
<td>BRS</td>
<td></td>
</tr>
<tr>
<td>DYNIX</td>
<td></td>
</tr>
<tr>
<td>ENDEAVOR</td>
<td></td>
</tr>
<tr>
<td>EPIXTECH</td>
<td></td>
</tr>
<tr>
<td>GEAC</td>
<td></td>
</tr>
<tr>
<td>III</td>
<td></td>
</tr>
<tr>
<td>MULTILIS</td>
<td></td>
</tr>
<tr>
<td>NOTIS</td>
<td></td>
</tr>
<tr>
<td>OCLC</td>
<td></td>
</tr>
<tr>
<td>SIRSI</td>
<td></td>
</tr>
<tr>
<td>OTHER</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HOK_FIELD:</strong></th>
<th>It is possible to get holdings in the 'godot_holdings' format via HTTP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T   F</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BOK_FIELD:</strong></th>
<th>Controls whether 1) user is allowed to run GODOT's blank ILL form generator and 2) whether GODOT will process a request from that or any other form with the database name 'blank'.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T   F</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LOK_FIELD:</strong></th>
<th>OK to check catalogue for links in MARC 856 field.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T   F</td>
<td></td>
</tr>
</tbody>
</table>
**ZOK_FIELD:**
If this is T, then make sure there are values for port and database.

- **T**
- **F**

**ZHOST_FIELD:**
Name of Z39.50 library catalog server.

- `voyager.uregina.ca`

**ZPORT_FIELD:**
Port number for Z39.50 library catalog server.

- `7090`

**ZDBASE_FIELD:**
Z39.50 library catalog database name.

- `Voyager`

**ZID_FIELD:**
Z39.50 id for library catalogue database.

- 

**ZPASSWORD_FIELD:**
Z39.50 password for library catalogue database.

- 

**Z3950_SYSID_SEARCH_AVAIL_FIELD:**
If true, then 1) the system id field contains only unique entries and 2) it is possible to do a Z39.50 search on the system id field.

- **T**
- **F**

**ZUSE_ATT_SYSID_FIELD:**
Z39.50 use attribute to use to find records based on database system id field (usually MARC 001 or 035). If not specified, default will be used.

- 

**ZUSE_ATT_ISBN_FIELD:**
Z39.50 use attribute to use to find records based on ISBN. If not specified, default will be used.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOST_FIELD</td>
<td>Name of server for patron record interface. ZHOST_FIELD will be used if not specified.</td>
</tr>
<tr>
<td>voyager.uregina.ca</td>
<td></td>
</tr>
<tr>
<td>PPORT_FIELD</td>
<td>Port number for patron record interface.</td>
</tr>
<tr>
<td>6950</td>
<td></td>
</tr>
<tr>
<td>PATRON_NEED_PIN_FIELD</td>
<td>Does patron authentication require a PIN.</td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>PASSWORD_NEEDED_FIELD</td>
<td>Is a password required to request?</td>
</tr>
<tr>
<td>ALL</td>
<td>Specialized usage. Currently (06-apr-2000) only used for SFU 'Doc Direct' service.</td>
</tr>
<tr>
<td>JOURNAL</td>
<td></td>
</tr>
<tr>
<td>MONO</td>
<td></td>
</tr>
<tr>
<td>NOT_REQUIRED</td>
<td></td>
</tr>
<tr>
<td>PASSWORD_VALUE_FIELD</td>
<td>Password if PASSWORD_NEEDED_FIELD is set.</td>
</tr>
<tr>
<td>password</td>
<td>Specialized usage. Currently (06-apr-2000) only used for SFU 'Doc Direct' service.</td>
</tr>
<tr>
<td>WOK_FIELD</td>
<td>There is a web interface with which GODOT can interact. (In the case of DRA, this implies that holdings can be parsed from the full record web display. This is the case with the default Web full record display.)</td>
</tr>
</tbody>
</table>
New interface design with member input
Working with two sets of configuration files
Phase out of GODOT configuration screens
New templates in CUFTS interface for member customization
New Knowledge Base with databases used most by member libraries - addition of new databases on request
Phase out of database configuration in GODOT
Maintenance of Knowledge Base by Simon Fraser University programmers
reSearcher CUFTS Templates

- Sandbox to test interface look
- CSS templates for colours etc.
- Submit button to activate changes
- GODOT Z30.50 screen used to move to changes to new interface from GODOT
- Demo page of other member interfaces
- Staff input into final design of interface
Development GODOT Configuration system.
<table>
<thead>
<tr>
<th>TEMPLATE GROUP</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>article form</td>
<td>Article form requesting extra article information if the citation is incomplete</td>
</tr>
<tr>
<td>main</td>
<td>Headers, footers, etc.</td>
</tr>
<tr>
<td>miscellaneous</td>
<td>Helper templates, variables setup, etc.</td>
</tr>
<tr>
<td>main holdings</td>
<td>Main holdings screen with citation display, fulltext and print holdings, ILL request</td>
</tr>
<tr>
<td>passwords (DocDirect)</td>
<td>Screens for entering password information when placing DocDirect requests</td>
</tr>
<tr>
<td>patron information</td>
<td>Collect patron information screens: authentication and patron details</td>
</tr>
<tr>
<td>request information</td>
<td>Request information screens: acknowledgements, etc.</td>
</tr>
<tr>
<td>warning screen</td>
<td>&quot;Your library has holdings&quot; warning screen for ILL requests where local holdings were found</td>
</tr>
</tbody>
</table>
DISPLAY OPTIONS CONFIGURATION

- Display citation capture links: [ ]
- Display command links: [x]
- Display related info links: [x]
- Expand fulltext by default: [ ]
- Expand holdings by default: [x]

[submit] [cancel]
Where can I get this?

Journal: Phi Delta Kappan  
Vol/Issue: 79, Date: F+ 2001, Pages: 477-8  
Article: Visions + enabling + technology + for + programs + of + distinction  
Author(s): Van + Horn, + Royal + W.

Table of contents for the issue is available from InfoTrac™ OneFile (with Ingenta): (show options)

Fulltext of the article is available from Education PlusText: (show options)

Check our library catalogue: (hide details)

U of Regina
Request this item  Check detailed holdings  
Location: INTERNET Ejournal  
Location: MAIN Serials (non-circulating)  
Location: MAIN Serials (non-circulating)

Not available locally?
Check other library catalogues or request an Interlibrary Loan

Check the web for this item:
Google  Teoma
Where can I get this?

Journal: Phi Delta Kappan
Vol/Issue: 79, Date: F 2001, Pages: 477-8
Article: Visions: enabling technology for programs of distinction
Author(s): Van Horn, Royal W.

Check other library catalogues: (hide details)

- U of Alberta
  Request this item
  UABARD; STACKS-- LJ 121 P4; Library has: v.1 (1915)-v.66 (1985) (microfilm)
  UAEDUC; PERIODICAL-- LJ 121 P4; Library has: v.1 (1915)-v.25 (1942/1943), v.27 (1945/1946)-
  UAINTERNET; INTERNET-- Internet Access, Library has: v.75 (1994)-

- U of C
  Request this item

- U Sask
  Request this item
  Check detailed holdings
  EDUCATION-STOCKS LJ121 .P4 1962-74 v.44 -- v.55 Not currently received
  EDUCATION-STOCKS LJ121 .P4 1959-98 v.41 -- v.80 Not currently received

- SFU Burnaby
reSearcher Open Source Issues

- Documentation not updated often enough to coincide with developments
- Supposed to be non-technical but isn’t always
- Very little technical support until 2004 when consortia support person hired
- Hard to remember URLs and logins for each component
- New design implementation screens very different than GODOT – need to know css and match field names to GODOT to understand where it all fits
- New WIKI interface may get more input from members but it’s quicker to email questions direct
reSearcher - Citation Manager

- Citation management software similar to RefWorks or EndNote
- Simple to add to Voyager with a Save5.cfg file and addition to formats.ini file
- Staff and patrons need training on how it compares to other citation software used on campus
- Can import citations for any citation software (RefWorks, EndNote, etc.)
- Added benefit – can be used on web pages and WebCT
XML: a guide for librarians / Ron Gilmour.

Database: University of Regina Libraries
Main Author: Gilmour, Ron.
Title: XML: a guide for librarians / Ron Gilmour.
Publisher: Chicago : LITA, c2003.
Type of Material: Book
Subject(s): XML (Document markup language)
Libraries--Data processing.

Location: ARCHER
Order Information: 1 Copy Received as of 08/06/2004
Number of Items:
reSearcher – CUFTS II CJDB Journals Database

- Serials Management software similar to Meridian
- Will allow management of licences, simultaneous users, ILL content restrictions, provide statistics and much more
- Need to extract serial records from Voyager and send to CUFTS II “MARC Store” for use as our knowledgebase
- CUFTS Journal Database needs to be populated with our database licensing information
- Add public access to CJDB content once developed
OpenILL

- New Open Source Interlibrary loan software and database
- Builds on reSearcher developments & Ezproxy
- 8 original Partners in COPPUL - we were last one to join but first to implement after host site
- ISO standards followed in software development; developers across country
- Software Platform: Linux, Apache, MySQL, PHP, Java, Cold Fusion, web access to host site by staff
- All open source when Cold Fusion phased out this year; then we will add to Voyager server
OpenILL Implementation

- Started with Borrowing module for patron requests generated from GODOT/CUFTS and online ILL form
- Added new ILL email accounts for generic script and ISO messaging - changed to GODOT configurations
- Phased out external requests to old AVISO ILL database – regular users notified; irregular users mail re-directed to new email account
- Generic script setups in GODOT & CUFTS
- ISO future script in development
- Testing with VDX sites in Ontario & COPPUL partners
- National Library, CISTI implications for borrowing
OpenILL Implementation Phase 2

- Started using Lending module and phased out use of old AVISO database Lending
- Email accounts autoforwarded to another email account to save messages to check against message parsing into OpenILL and find errors for correction
- Constant contact with developer by email and OpenILL Forum
- Total reliance on OpenILL within 6 months
- OpenILL based on GODOT/CUFTS link resolver and links into Voyager Circulation patron record with Ezproxy authentication from off campus
### Configure User (SRU) - Borrowing

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BORROWING_NAME_FIELD:</td>
<td>To be used instead of NAME FIELD for some ILL request message fields.</td>
</tr>
<tr>
<td>FROM_NAME_FIELD:</td>
<td>Name you want attached to messages sent.</td>
</tr>
<tr>
<td>FROM_EMAIL_FIELD:</td>
<td>Email id you want attached to messages sent.</td>
</tr>
<tr>
<td>ILL_LOCAL_SYSTEM_FIELD:</td>
<td>Format of email message for mediated requests (or copies of unmediated requests). AVISO_4 is for Aviso 4 and over.</td>
</tr>
<tr>
<td>ILL_LOCAL_SYSTEM_EMAIL_FIELD:</td>
<td>Email address to which mediated requests (or copies of unmediated requests) should be sent.</td>
</tr>
<tr>
<td>ILL_COPY_TO_LOCAL_SYSTEM_FIELD:</td>
<td>Send copy of any requests to other branches to ILL_LOCAL_SYSTEM_EMAIL_FIELD.</td>
</tr>
</tbody>
</table>
**NEW!**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILL_REQ_FORM_LIMIT_FIELD, ILL_REQ_FORM_LIMIT_MSG_FIELD</td>
<td>Specify limit messages for each type of patron.</td>
</tr>
</tbody>
</table>

**Configure**

<table>
<thead>
<tr>
<th>Spec</th>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>spec</td>
<td>Special Borrowers can not use the ILL request forms.</td>
</tr>
<tr>
<td>fren</td>
<td>Friends of the Library can not use the ILL Request Forms</td>
</tr>
<tr>
<td>publ</td>
<td>Public borrowers cannot use the ILL Request Forms.</td>
</tr>
<tr>
<td>vis</td>
<td>Visitors can not use the ILL Request Forms.</td>
</tr>
<tr>
<td>nrba</td>
<td>National Reciprocal Borrowers can not use the ILL Request Forms</td>
</tr>
<tr>
<td>libp</td>
<td>libp high school students cannot borrow without paying</td>
</tr>
</tbody>
</table>

**REQUEST_FIELD, REQUEST_TYPE_FIELD:**

Type of requesting allowed (D=direct, M=mediated, N=not allowed).

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRU</td>
<td>M</td>
</tr>
<tr>
<td>AEC</td>
<td>M</td>
</tr>
<tr>
<td>AEU</td>
<td>M</td>
</tr>
<tr>
<td>ACU</td>
<td>M</td>
</tr>
<tr>
<td>SSU</td>
<td>M</td>
</tr>
<tr>
<td>BVAS</td>
<td>M</td>
</tr>
<tr>
<td>MWU</td>
<td>M</td>
</tr>
</tbody>
</table>
## OpenILL Settings

### General Request Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unmediated Godot Requesting</td>
<td>No</td>
<td>Set yes when direct (unmediated) requests from Godot should be sent to institution identified by GODOT.</td>
</tr>
<tr>
<td>Process orphan requests</td>
<td>No</td>
<td>When set to Yes, OpenILL sends a copy of each message sent to patrons to the staff address.</td>
</tr>
<tr>
<td>Copy self in patron emails?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>No. days to add to future dates</td>
<td>28</td>
<td>OpenILL adds number of days set here to select dates, e.g., need before (when blank), expiry (when blank).</td>
</tr>
<tr>
<td>No. days to subtract from due dates</td>
<td>0</td>
<td>OpenILL subtracts number set here from the due dates on returnable items to construct a &quot;patron due back by&quot; date.</td>
</tr>
</tbody>
</table>

### Patron Messages when (returnable) item is due back

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email patron when RETURNABLE Item past due back date</td>
<td>No</td>
</tr>
</tbody>
</table>

### Patron Messages when (returnable) item has been marked "Received"
OpenILL Scheduled Processes
OpenILL Borrowing Screen

- MANAGE REQUESTS
  1. BORROWING
  2. SUPPLYING
  3. PLACE NEW REQUEST
  4. FAXES IN QUEUE
  5. MESSAGE QUEUE
  6. VIEW INVALID PACKETS

- STAFF FUNCTIONS
  Search
  - macdonald
  - patron last name
  - patron email

  OpenILL id
  - openILL id
  - iso / GS id
  - isbn / issn
  - author
  - author of article
  - faux citation
  - main title
  - article title
  - call number

  Truncation / search type
  - right and left

  Field
  - n/a
  - order
  - n/a

Pending requests
- Awaiting reply
- Message sent / received
- New Request Entered
- Staff change

New requests
- New Request Entered
<table>
<thead>
<tr>
<th>numbers</th>
<th>item type and citation</th>
<th>patron</th>
<th>current state</th>
<th>dates</th>
<th>supplier process</th>
</tr>
</thead>
<tbody>
<tr>
<td>openILL No. 36306</td>
<td>[author not included], (2004--) abcs of xml [place not included]: [publisher not included].</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trans. Qualifier SRU_openill_36306</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Godot 50201102</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trans. Qualifier SRU_openill_39842</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Godot 50300624</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Serial / Journal / Periodical</td>
<td>MacDonald, Carol</td>
<td>New requests -- New Request Entered</td>
<td>Date: Mar 16, 2005, Requested: 2005, Need no date Before provided, Expiry Date no date provided, last service (d/t): Mar 16, 2005</td>
<td></td>
</tr>
<tr>
<td>Trans. Qualifier SRU_openill_40614</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Godot 50300798</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
OpenILL Lending Hierarchy

Add new libraries to your list; search for library type, province, etc.: Select at least one field to begin search. Results limited to 500 records:

Libraries in your lending hierarchy (from first to last):

Use this page to re-order the existing hierarchy.

Ranking is relative, and can be adjusted by using decimal places (which are converted into integers): e.g., entering 2.2 (or 2.01, 2.8888, etc.) will situate that library in the hierarchy between the institutions currently positioned at 2 and 3.

Enter 0 to remove a library from your list.

<table>
<thead>
<tr>
<th>Current Order</th>
<th>Re-order</th>
<th>Library, transfer syntax &amp; e-address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>U. of Alberta, Cameron GS: <a href="mailto:illreq.aeu@ualberta.ca">illreq.aeu@ualberta.ca</a> NLC-BNC:AEU</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>U. of Saskatchewan, Libraries GS: <a href="mailto:ssuill@moondog.usask.ca">ssuill@moondog.usask.ca</a> NLC-BNC:SSU</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>U. of Calgary, GS: <a href="mailto:dds@isis.lib.ucalgary.ca">dds@isis.lib.ucalgary.ca</a> NLC-BNC:ACU</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>CISTI, Canada Institute for Scientific and Technical Information</td>
</tr>
</tbody>
</table>
OpenILL Staff Issues

- Fear of change but staff self taught after online demo
- No printed or online documentation
- Establishing procedures as we go
- Constant upgrade of software to respond to member problems and parsing errors
- 3 upgrades in 6 months
- No reporting and statistics to start but in development now
- Host server undersized & failed a lot until replaced
- Loss of connections to our email server resulting in non-parsing of requests – whose network anyway?
- BUT great collaborative project with like-minded techies!
GODOT :: Configuration Tool

config_request_form_fields

EDIT TEMPLATE

```plaintext
[% SET config_request_form_fields = {

    { name=> 'LAST_NAME', label => '*Last name' , note=> '' },
    { name=> 'FIRST_NAME', label => '*First name' , note=> '' },
    { name=> 'LIBRARY_ID', label => 'Barcode on your Library card' , note=> '' },
    { name=> 'PIN', label => 'Your Last Name' , note=> '' },
    { name=> 'PATRON_TYPE', label => '*Patron Type (faculty, grad, und, staff, etc.)' , note=> '' },
    { name=> 'DEPARTMENT', label => '*Department, Faculty or Class' , note=> '' },
    { name=> 'PATRON_EMAIL', label => 'Valid Email Address (optional)' , note=> '' },
    { name=> 'PHONE', label => '*Phone Number' , note=> '' },
    { name=> 'PHONE_WORK', label => '*Home Phone Number' , note=> '' },
    { name=> 'BUILDING', label => 'Building' , note=> '' },
    { name=> 'STREET', label => '*Address' , note=> '' },
    { name=> 'CITY', label => '*City' , note=> '' },
    { name=> 'PROV', label => '*Province' , note=> '' },
    { name=> 'POSTAL_CODE', label => '*Postal Code' , note=> '' },
    { name=> 'NOT_REQ_AFTER', label => 'I need this before this date (ex. 20050731 - use format yyyy/mm/dd)' , note=> '' },
    { name=> 'PATRON_NOTI', label => 'Notification' , note=> '' },
    { name=> 'PICKUP', label => 'Pickup at!' }

} %]
```
# GODOT :: Configuration Tool

**DISPLAY LEVEL**

- basic
- intermediate
- advanced

## BASIC TEMPLATES

<table>
<thead>
<tr>
<th>TEMPLATE</th>
<th>ACTIVE</th>
<th>TRANSFER</th>
<th>SANDBOX</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>config_auto_req</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Heading and link text for the ILL auto requesting link.</td>
</tr>
<tr>
<td>config_help_url</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>A URL to the site's local help files. This is used by the main_holdings_contact_us template by defa ... more</td>
</tr>
<tr>
<td>config_holdings_text</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Used to display a specific message before the holdings are displayed. Using the &quot;page.scnro&quot; variab ... more</td>
</tr>
<tr>
<td>config_no_fulltext_available_text</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Message to display when no fulltext holdings are found. This can be left blank to display nothing. ... more</td>
</tr>
<tr>
<td>config_no_holdings_text</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Four messages which are displayed when holdings are not found for combinations of journal/monograph ... more</td>
</tr>
</tbody>
</table>

## INTERMEDIATE TEMPLATES

<table>
<thead>
<tr>
<th>TEMPLATE</th>
<th>ACTIVE</th>
<th>TRANSFER</th>
<th>SANDBOX</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>config_catalogue_title</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Title for the detailed holdings catalogue screen</td>
</tr>
<tr>
<td>config_main_holdings_title</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Title for the main holdings page</td>
</tr>
<tr>
<td>main_holdings_contact_us</td>
<td>☑</td>
<td>X</td>
<td>☑ ☑</td>
<td>Displays a link to help, could be used for other contact links</td>
</tr>
</tbody>
</table>
Example Search & GODOT

- ABI Inform Search
- Where Can I find this? button
- Click to search Voyager & COPPUL sites
- Link into Voyager record and holdings
- No holdings – request an ILL
- ILL online request form populated with patron and citation information
1. **OZ JOINS THE EMPIRE**  
   *David Kirkpatrick.* *Fortune.* New York: Apr 4, 2005. Vol. 151, Iss. 7; p. 28 (1 page)

2. **BLOG MEETS POD**  

3. **Content & Workflow Management for Library Web Sites: Case Studies**  
   *Holly Yu.* *Information Management.* Hershey: Spring 2005. Vol. 18, Iss. 1/2; p. 13 (2 pages)

4. **Search Engine Technology: A Closer Look at Its Future**  

5. **On the Convergence of Formal Ontologies and Standardized E-Learning**  
   *Miguel-Angel Sicilia, Elena Garcia Barriocanal.* *International Journal of Distance Education Technologies.* Hershey: Apr-Jun 2005. Vol. 3, Iss. 2; p. 13...
Search Engine Technology: A Closer Look at Its Future
Mahesh S Raisinghani, Information Resources Management Journal, Hershey: Apr-Jun 2005, Vol. 18, Iss. 2; pg. 1, 7 pgs

Formats:

Subjects:
Search engines, innovations, Open source software

Classification Codes:
5250 Telecommunications systems & internet communications

Author(s):
Mahesh S Raisinghani

Document type:
Editorial

Section:
Editorial Preface

Publication title:
Information Resources Management Journal, Hershey: Apr-Jun 2005, Vol. 18, Iss. 2; pg. 1, 7 pgs

Source type:
Periodical

ISSN/ISBN:
10401628

ProQuest document ID:
806361231

Text Word Count:
3223

Document URL:
Where can I get this?

**Journal:** Information Resources Management Journal  
Vol/Issue: 18 (2), Date: Apr 1, 2005, Pages: 1  
**Article:** Search Engine Technology: A Closer Look at Its Future  
**Author(s):** Mahesh S Raisinghani

Check other library catalogues: (hide details)
- U of Alberta  
  Request this item  
  UAHSS; ON, SHELF-- T 58.64 I55; Library has: v.14 (2001)-  
  UINTERNET; INTERNET-- Internet Access; Library has: v.8(1995)-
- U of C  
  Request this item  
  Location: BLB -- T58.64 .I53; LIBRARY HAS: (V.2,1989); V.3-8,1990-1995
- U Sask  
  Request this item  
  ELECTRONIC JOURNAL Currently received (coverage varies)

This search has stopped before checking all libraries. You can search all of them.

If item is not available (eg. missing issues) at any of the libraries listed above, then please:
- Place an Interlibrary Loan Request

Check the web for this item:
- Google
- Teoma

Need help?

**reSearcher** is a COPPUL open source development project.
Information resources management journal

Database: University of Regina Libraries
Title: Information resources management journal (Online)
   Information resources management journal [electronic resource].
Publisher: Middletown, PA: Idea Group Pub., c1988-
Type of Material: Periodical
Internet Link(s): Full text available from ABI/INFORM Global: 03/20/1993 to 6 months ago
Subject(s): Information resources management--Periodicals.
   Management information systems--Periodicals.
   Gestion de l'information--Périodiques.
   Electronic journals

Location: INTERNET Ejournal
Call Number: Access restricted to University of Regina
Number of Items:
Where can I get this?

Allow up to 2 weeks for your ILL request to arrive from another library. Some hard to obtain materials such as thesis can take up to 6 weeks or more to arrive; if they cannot be
You will be notified by email of the status of your requests when they are received. If your request is for an item already in the Library you will be sent an email cancellation notice.

the Dr. John Archer Library for requests that arrive.

Accept Cancel Back to Database

reSearcher is a COPPUL open source development project.
Where can I get this?

**Journal:** Information Resources Management Journal  
**Vol/Issue:** 18 (2), **Date:** Apr 1, 2005, **Pages:** 1  
**Article:** Search Engine Technology: A Closer Look at Its Future  
**Author(s):** Mahesh S Raisinghani

Fulltext of article may be available via the **University of Regina Libraries:**

- Check journal page or database for link to article online. Full text available from ABI/INFORM Global: 03/20/1993 to 6 months ago

Check our library catalogue: [hide details]

- U of Regina
  - Request this item
  - Check detailed holdings
  - Location: INTERNET Ejournal

Not available locally?

- Check other library catalogues or request an Interlibrary Loan

Check the web for this item:

- Google
- Teoma

Need help?

**reSearcher** is a COPPUL open source development project.
Where can I get this?

**Journal:** Information Resources Management Journal  
**Vol/Issue:** 18 (2), **Date:** Apr 1, 2005, **Pages:** I  
**Article:** Search Engine Technology: A Closer Look at Its Future  
**Author(s):** Mahesh S Raisinghani

Check other library catalogues: (hide details)  
- **U of Alberta**  
  Request this item  
  UAHSS; ON, SHELF-- T 58.64 I55; Library has: v.14 (2001)-  
  UINTERNET; INTERNET-- Internet Access; Library has: v.8(1995)-  
- **U of C**  
  Request this item  
  Location: BLB -- T58.64 .I53; LIBRARY HAS: (V.2,1989); V.3-8,1990-1995  
- **U Sask**  
  Request this item  
  ELECTRONIC JOURNAL Currently received (coverage varies)

This search has stopped before checking all libraries. You can search all of them.

If item is not available (eg. missing issues) at any of the libraries listed above, then please:  
- **Place an Interlibrary Loan Request**

Check the web for this item:  
- **Google**  
- **Teoma**

Need help?

reSearcher is a COPPUL open source development project.
Where can I get this?

To be used by valid University of Regina Library card holders who are doing University-related research only. Fill in all boxes of the form except those marked "optional".

PLEASE NOTE: Interlibrary Loan requests which exceed copyright limitations will be cancelled. Under the terms of the CANCOPY AGREEMENT and the COPYRIGHT ACT, University of Regina Interlibrary Loans cannot order copies of more than 10% of a published work or one journal article per issue.

Borrower information

*Last name  MacDonald
*First name  Carol
*Department, Faculty or Class  Library
Valid Email Address (optional)  carol.macdonald@uregina.ca
*Phone Number  306-585-4015
*Home Phone Number
*Address  Library University of Regina 3737 Wascan
*City  Regina
*Province  SK
*Postal Code  S4S 0A2

Document pickup information

I need this before this date (ex. 20050731 - use format yyyy/mm/dd)  20050328
Pickup at  Borrowing Desk - Dr. John Archer Library

Is this a RUSH Request? (Extra charges apply)  ☐ N  ☐ Y

Additional notes about request requirements  Test Only

Send Request
Select Search Type:

- **Basic Search**
  Find items by title, author, journal title, subject heading, call number, or keywords.  
  [more info]

- **Guided Search**
  Use drop-down menus to guide the construction of a keyword search.  
  [more info]

- **Reserves**
  Find materials currently on reserve by instructor, dept., and course.  
  [more info]

- **Interlibrary Loan Request**
  If you have full borrowing privileges you can request titles you can't find in Web Voyage by filling out an Interlibrary Loan Request Form. A search will be done to find the item at another library. [more info]
Interlibrary Loan Request Form - Journal Article

Fill in the form below or select another request type.
You will be given an opportunity to enter article information on another screen.

An automated search is now done to try to locate this item.
You will get the best results by entering accurate information, including the complete title.

Journal Title: newsweek

ISSN: 00289604

ISBN: 

Series (if applicable): 

Publisher: 

Place of Publication: 

Where did you find the above information? (Book, Journal, Database, etc.) Please provide complete information, including page nos. if applicable:

Continue
Where can I get this?

Journal: newsweek
Vol/Issue: v. 145 (3), Date: 2005, Pages: 26-34
Article: After the Tsunami the politics of relief
Author(s): wehrfritz, george

Please confirm the article that you want:

<table>
<thead>
<tr>
<th>Journal</th>
<th>newsweek</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article Title</td>
<td>After the Tsunami the politics of relief</td>
</tr>
<tr>
<td>Author(s)</td>
<td>wehrfritz, george</td>
</tr>
<tr>
<td>Volume</td>
<td>v. 145</td>
</tr>
<tr>
<td>Issue</td>
<td>3</td>
</tr>
<tr>
<td>Pages</td>
<td>26-34</td>
</tr>
<tr>
<td>Year</td>
<td>2005</td>
</tr>
</tbody>
</table>

Continue

Back to Database

reSearcher is a COPPUL open source development project.
The journal is available from **CBCA Current Events**: (show options)
- newsweek

The journal is available from **CPI.Q**: (show options)
- newsweek

The journal is available from **InfoTrac™ OneFile (with Ingenta)**: (show options)
- newsweek

Check our library catalogue: (hide details)
- U of Regina
  - Request this item
  - Check detailed holdings
  - Location: ARCHER Serials
  - Location: ARCHER Micro
  - Location: INTERNET Ejournal

Not available locally?
- Check other library catalogues or request an Interlibrary Loan

Check the web for this item:
- Google
- Teoma

Need help?
Back to Database

**reSearcher** is a COPPUL open source development project.
Where can I get this?

To be used by valid University of Regina Library card holders who are doing University-related research only. Fill in all boxes of the form except the last box. PLEASE NOTE: Interlibrary Loan requests which exceed copyright limitations will be cancelled. Under the terms of the CANCOPY AGREEMENT and the COPYRIGHT ACT, the library cannot order copies of more than 10% of a published work or one journal article per issue.

Borrower information

*Last name MacDonald

*First name Carol

*Department, Faculty or Class Library

Valid Email Address (optional) carol.macdonald@uregina.ca

*Phone Number 306-585-4015

*Home Phone Number

*Address Library University of Regina 3737 Wascan

*City Regina

*Province SK

*Postal Code S4S 0A2

I need this before this date (ex. 20050731 - use format yyyy/mm/dd) 2005/03/28

Document pickup information

Pickup at Borrowing Desk - Dr. John Archer Library

Is this a RUSH Request? (Extra charges apply) ☐ N ☐ Y

Additional notes about request requirements West only - ignore

Journal: newsweek
Vol/Issue: v. 145 (3), Date: 2005, Pages: 26-34

Article: After the Tsunami the politics of relief

Author(s): wehrfritz, george
Not Just for Music Anymore - EMERGING TECHNOLOGY - CIO Magazine...
Napster's revolution begins to sing a business melody.
www.cio.com/archive/030101/et.html - 61k - Cached - Similar pages

the da-jango code - not just for music anymore
the da-jango code - not just for music anymore. Saturday, February 26, 2005.
When life gives you Oranges, make Lemonade. Some of you may have heard that...
www.djangohaskins.com/blog/ - 28k - Cached - Similar pages

CIO | Not Just for Music Anymore
Information Technology strategy insight for senior IT management - resources to understand and leverage information technology.

KDIC--it's not just for music anymore
... KDIC--it’s not just for music anymore. Grinnell Radio Theatre brings humor,
entertainment, and a change of pace to the radio waves on Sundays at...
web.grinnell.edu/sandb/archives/volume119/16/arts/2.html - 8k - Cached - Similar pages

The Tech Report - Kazaa: It's not just for music anymore
... Kazaa: It's not just for music anymore by Andy Brown - 12:00 am, May 1, 2003.
So there’s a rather amusing story over at Wired.com which discusses why...
techreport.com/sendto_friend.x/5079/ - 17k - Cached - Similar pages

The iPod: It's not just for music anymore. // // by logan5 ...
The iPod: It's not just for music anymore. // // by logan5 // //
http://www.oldskoolphreak.com The Apple iPod is probably the coolest MP3 player
yet devised...
www.oldskoolphreak.com/tfiles/hack/ipod_use_rev2.txt - 7k - Cached - Similar pages
Sources of Information

- reSearcher Suite Project Page
  http://www.theresearcher.ca/index.html

- reSearcher demos and list of targets
  http://www.theresearcher.ca/product_component_godot.html

- reSearcher product demos and screenshots
  http://www.theresearcher.ca/product_component_cm.html
  http://www.theresearcher.ca/product_demo.html

- CUFTS configuration Tool and GODOT Redesign page
  http://stalefish.lib.sfu.ca/GODOT_config/config.cgi?state=main
  http://stalefish.lib.sfu.ca/godot/redesign/

- OpenILL Project page & demo
  http://www.openill.org/

- COPPUL Consortia home page
  http://www.coppul.ca/index.html

- WIKI documentation and Sandbox
  http://lib-cufts.lib.sfu.ca:8033/twiki/bin/view/GODOT/WebHome
  http://lib-cufts.lib.sfu.ca:8033/twiki/bin/view/Sandbox/WebHome

- Carol MacDonald, University of Regina
  Email carol.macdonald@uregina.ca
  http://voyager.uregina.ca/ University of Regina Voyager
Who are we?

The Council of Prairie and Pacific University Libraries (COPPUL) is a consortium of 21 university libraries located in Manitoba, Saskatchewan, Alberta and British Columbia.

Member libraries cooperate to enhance information services through resource sharing, collective purchasing, document delivery, and many other similar activities.

COPPUL's vision is to be a cohesive and collaborative organization which provides leadership in the development of solutions that meet the academic information resource needs of its member institutions.

For more information, contact:
Sandy Slade, Executive Director
coppul@royalroads.ca
reSearcher Godot:

Launched from a link embedded in your library’s citation databases or other resources, GODOT is web-based software which enables library patrons to view and request the holdings of your library and other libraries of your choice. When used with the CUFTS knowledgebase, Godot will also provide direct links to full-text articles in your library’s electronic collections.

Try Godot!

Visit the reSearcher Demonstration page to see Godot (with CUFTS) in action!

Sources

“Sources” are the databases and indexes that contain a link (such as “Where Can I Get This?”) in their result lists. Godot currently supports links in these major interfaces.

Targets

“Targets” are the various collections of full-text journals subscribed to by different libraries. Some of these are found in aggregated databases (e.g., Academic Search Elite), and others are from full-text electronic collections (e.g., Science Direct). When used with CUFTS, Godot searches over 200 collections, with many more in development.

Interlibrary Loans - Locating and Requesting
Launched from a link embedded in your library's citation databases or other resources, GODOT is web-based software which enables library patrons to view your library's holdings for that item, whether in electronic format or in print, as well as other library's holdings. This is combined with the ability to request documents not in your collection via Interlibrary Loan.

When a patron clicks on a link, GODOT parses the citation and runs it against:

- your library's catalogue, looking for electronic and print matches;
- CUFTS, Godot's new knowledge base, which contains over 125 title lists for e-journal collections and full text databases;
- union databases or catalogues of libraries that you select for potential Interlibrary Loans, whether mediated or direct, using Z39.50 broadcast searching.

The resulting GODOT screen shows your patron where they can locate the document sought, either within a full text database, in an online journal to which you have rights, in a paper copy within the library, or from a lending library. Where available, GODOT provides direct to article linking for full text articles carried by your institution.

If a patron chooses to order a document, they will not have to re-key their citation information. GODOT can also be configured to retrieve information from a library's patron records allowing for proper authenticaton.

The web-based configuration tool has many options, so you can configure GODOT to your library's needs.

GODOT is free, open source software created at Simon Fraser University and the University of Manitoba and funded by COPPUL (the Council of Prairie and Pacific University Libraries). COPPUL libraries have been using GODOT since 1997.
Welcome to the GODOT wiki

This site is designed for collaborative documentation development. If you've done something unique with your GODOT settings, share them with us here.

User Documentation

Outstanding Problems

Development

New Version Wishlist

Related Links

Create an Account
Welcome to the CUFTS 2/CJDB wiki

By the time CUFTS 2 is ready for implementation in the late spring/early summer of 2005, this site will contain all supporting documentation for CUFTS 2. Please bear with us as the software development continues.

Project Overview

Including a note about terminology (CUFTS2 vs. CJDB)

Project Documents

User Documentation

Project Timeline

Project Feedback

Including a summary of the feedback generated from the Dec. 8/04 discussion document and subsequent user testing

Future Version Wishlist
Online Demonstration

- Questions??