The New Books List
Version 7.0 for Tomcat WebVoyage

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Northwest EndUsers Group
November 13, 2008
Highline Community College
Des Moines, Washington

One of these tabs is not like the others…

New Books Search
Database: My Library Catalog

Find new books in: Allocation(s) for: last week
Search for: (optional)
Records per page: 10

Search Tips: Search by title (e.g. Texas), author’s name (e.g. Sager), or start of a call number (e.g. 519).
Good new things

- Integrates with Tomcat WebVoyage
- Book covers (and links)
- Better keyword searching
- Less “look and feel” configuration
- Maintains session state

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Book covers (thumbnails) – still beta

- Two provider options
  - Google Books (default)
  - Syndetic Solutions

For Google, images are also links
Google thumbnail click through

Eurekai - great inventions and how they happened / Richard Platt
Platt, Richard
In Process
Central Library, Floor 2: Reading Resources Room

Google Book Search

About this book
Eurekai

Eurekal looks at the instances in which some of the world's greatest inventions were conceived and explains how creative genius has enabled some individuals to look right through a problem and come up with a solution that has eluded experts.

More details
Eurekai: Great Inventions and How They Happened
By Richard Platt
Published by Knopf, 2003
ISBN 0679456900, 0780754569007
99 pages

I need some (contextual) help

New Books Search
Database: My Library Catalog

Basic Advanced Subject Author Course Reserve New Books

Find new books in: All locations for: last week
Search for: (optional)
Records per page: 10 records per page

Search Tips: Search by title word (e.g. Thomas), author’s name (e.g. Sager), or start of a call number (e.g. DC).

New Books List
I need some (contextual) help

New Books Search Help
The New Books Search searches a file of items recently added to the catalog.
To perform a search:
1. To filter by a specific location, select that location.
2. Select a different time interval as desired.
3. Click the Search button.
Optional keyword search:
1. Enter a word or words in the search box.
2. Case and word order are ignored.
3. Words in quotes will be treated as a phrase.
4. Words may be truncated with an * or ?.
   E.g., searching on "map*" will match map, mapped, maps, mapping...
Search Results:
1. Default sort is by call number. A report may be done by author or title.
Close this window to return to WebVoyage

New Books List

Keyword searching

New! Improved

New Books Search
Database My Library Catalog

Basic Advanced Subject Author Course Reserve New Books

Find new books in: Allocations or for: last week

Search for: (optional) texas history

Records per page: [10 records per page]

automatic boolean ANDing
Voilà

search term highlighting

New Books
1-4 of 4 items
All locations: 1 week, sorted by call number (Texas history)

New Books

New! Improved

Keyword searching

phrase searching with quotes

New Books Search
Database My Library Catalog
Basic Advanced Subject Author Course Reserve New Books
Find new books in: All locations for: last week
Search for: (optional) "lone star"
Records per page: 10 records per page

Search Tips: Search by the word (e.g. Texas), author’s name (e.g. Seguro), or start of a call number (e.g. QA)
Voilà

New Books

1-5 of 5 Items
All locations: 4 weeks, sorted by call number (low to high)

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Keyword searching

Improved

truncation with “?” or “*”
Voilà

New Books
1-8 of 8 items
All locations: 2 weeks, noted by call number (map?)

<table>
<thead>
<tr>
<th>Format</th>
<th>Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Genomes, mapping and genomics in fishes and aquatic animals /</td>
<td>Science &amp; Engineering Library: Books</td>
</tr>
<tr>
<td></td>
<td>Thomas D. Kocher, Chittaranjan Kail (editors).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Atlas of discovery / introd. by Sir Francis Chichester, text by Gail</td>
<td>Special Collections, Floor 6</td>
</tr>
<tr>
<td></td>
<td>Robbins - maps by Geographical Projects.</td>
<td>(Non-circulating)</td>
</tr>
<tr>
<td></td>
<td>Maps &amp; civilization: cartography in culture and society / Norman</td>
<td></td>
</tr>
<tr>
<td></td>
<td>J.W. Thrown.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GA020 T47 2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Regional Stratigraphy and Petroleum Systems of the Michigan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Investigations Map 2976.</td>
<td>1998</td>
</tr>
</tbody>
</table>

format icons

New! Improved Improved Improved

Keyword searching

ExLibris Voyager

New Books Search

Search for: (optional) "geological survey" map?

Records per page: 10 per page

Search Tips: Search by the word (e.g. Texas), author's name (e.g. Jargon), or start of a call number (e.g. SC).

it all works in combination
Leveraging search conventions

New Books
1 of 4 items
All locations: 3 weeks, sorted by call number ("geological survey" map)


  Central Library, Floor 2: Maps/Government Pubs./Topo Maps

Diacritical searching

Let's make some noise (fax) and the African roots of Brazilian popular music / Clarence Bernard Henry.
Henry, Clarence Bernard.
ML3407.67 I44 2008
Architecture & Fine Arts Library: Books

Sintaxis histórica de la lengua española. Primera parte. La frase verbal / director Concepción Company Company.
In Process
Central Library (Call Nos. A-L 4th Floor; P-Z 5th Floor)

Cézanne's watercolors : between drawing and painting / Matthew Simms.
Simms, Matthew Thomas.
NC1950 C4 S56 2000
Architecture & Fine Arts Library: Books
Keyword searching

“Cézanne” avec un signe diacritique.

Cézanne’s watercolors: between drawing and painting / Matthew Simms.
Simms, Matthew. Thomas. ND1960.C4 556 2065
Architecture & Fine Arts Library: Books

Voilà
Keyword searching

“Cézanne” sans signe diacritique.

Voilà

no search term highlighting...

... just like in WebVoyage
Yes, diacritics are diabolic

A trick question... are these two Unicode characters identical?

\[ \text{é} = \text{é} \]

Although the *glyphs* are identical...
the underlying *encodings* are not.

Either encoding works with
New Books List keyword searching.

Works for non-Latin scripts, too

New Books Search
Database: My Library Catalog

New Books
1-1 of 1 items
All locations: 4 weeks, sorted by call number (Ascending)

Edit Search

<table>
<thead>
<tr>
<th>Print</th>
<th>Email</th>
<th>Select</th>
<th>All on page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alai islam = \text{Alai islam}</td>
<td>Internet Electronic Resource</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Michael Doran, Systems Librarian
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Unlimited New Books List skins

The New Books List is skin savvy

Parlez-vous New Books List?

The New Books List comes “out-of-the-box” multilingual user interface ready.

- Language modules
  - English
  - Finnish
  - Swedish
  - Welsh
  - Chinese
  - New Books
  - Uutuuusluetteloo
  - Nyförvärv
  - Llyfrau Newydd
  - 新图书

New!
Session state

As far as I can determine, version 7 of the New Books List maintains WebVoyage session state.

- Important in regards to:
  - Time-out utility
  - Navigating between skins
  - Results page canned links

Accomplished via a bit of AJAX code that calls back to WebVoyage with every New Books List page load.

Five duck rating

http://rocky.uta.edu/doran/
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- Download
- License
- Changelog
- User List

Tomcat Version (for UNIX)
- Version: 7.0 beta 5
- Voyager compatibility: 7.0 Tomcat WebVoyage
- Download package: newBooks-7.0.tar.gz
- Read: installation instructions

Classic Version (for UNIX)
- Version: 6.1.1
- Voyager compatibility: Classic WebVoyage
- Download package: newBooks-6.1.tar.gz
- Read: installation instructions

Beta means...
The bugs are still being worked out of this major rewrite of the application.

Tomcat version for Windows
I don’t have access to the “Voyager running on a Unix emulator running on a Windows server platform” environment. That makes it difficult to do any development on a Tomcat version for Windows server. However...if a savvy Voyager...

Installation
- It’s different this time.

- No interchangeable files between the Tomcat and Classic versions

- Tried to drive home that point by styling the New Books List file names differently:

  - newBooks.cgi
  - newBooks.ini
  - newBooks.pl
  - newBooks.txt
  - newBooks.English
  - newBooks.Finnish
  - etc.
Installation …it’s different this time.

- **Tomcat WebVoyage**
  - not configured for CGI
    - New Books List
    - ShelfLister
    - external patron authentication
  - no opac.ini

  Customer gets to do this.
  It’s fairly easy, you just need root access. See the New Books List installation instructions.

  Adding a new search tab now involves editing three files. Also in the New Books List installation instructions (and in the WebVoyage documentation).

V7 required Perl modules provided courtesy of Ex Libris.

Also see the Tomcat tips and tricks

http://rocky.uta.edu/doran/vwebv/

Tomcat WebVoyage

The new architecture underlying the Voyager 7.0 WebVoyage interface provides customers with a tremendous amount of flexibility in customizing the user experience.

However, if you are the person tasked with configuring Tomcat WebVoyage, your first impression may be that there is a lot to learn in order to harness that power.

These tips and tricks might help you get started...

Tips and Tricks

- Adding a new skin
- Adding a new tab
- Apache configuration for CGI
- Apache SSL configuration
- Changes to canned links
- Changes to external authentication
- CSS Customization
Tomcat WebVoyage

Adding a New Tab

These instructions are for adding a new Books tab to the default "es_ES" skin interface. The same principles hold for adding any new tab and for adding to other skins.

With the classic WebVoyage, adding a new tab meant adding one file (opac.ini). With Tomcat WebVoyage you will be editing three files. Make backup copies of the files before editing.

```
<servlet> == your db name
File #1: /s/ei/vergae/vergeb/vergeb/context/vergeb/si_es_ES/webvoyage.properties
add the following:
page_search.buttons.newbook.buttonsNew Books
page_search.buttons.newbook.buttonsNew Books Search
File #2: /s/ei/vergae/vergeb/vergeb/context/vergeb/si_es_ES/internal.properties
add the following:
page_search.buttons.newbook.actionsnewBook clickable
File #3: /s/ei/vergae/vergeb/vergeb/context/vergeb/si_es_ES/xsl/userTextConfig/pageProperties.xml
add the following to the <searchTabDisplayOrder> section:
<tab name="page_search.buttons.newbooks.buttonsBook"/>
```

Note: A "ScriptAlias" directive is not a viable alternative for the "AddHandler cgi-script .cgi" directive; the newBooks.cgi script needs to run in the same 'virtual' URL path as the other vwebv WebVoyage executables.

Tomcat WebVoyage

Apache Configuration for CGI

Unlike the classic WebVoyage that used Pwservlet cgi, the Tomcat WebVoyage is not dependent on CGI programs. Because of that, your Tomcat Apache may not come already configured for running CGI programs.

There may however, be CGI programs you want, or need, to run. These include: external python authentication adapter, the newBooksList 7.0 for Tomcat WebVoyage, and ShelfList.

Configuration "How To"

The following steps will require root access.

```
<servlet> == your db name
Edit the appropriate Apache /vergeb/vergeb/context/vergeb/conf/vergeb/vergeb.conf file
ADD THE FOLLOWING WITHIN THE WEBV <VIRTUAL <1Port> SECTION:

# Allow for execution of CGI scripts, push as:
# vwebv add <1Port> </Port>
# - New Books list
# - ShelfList, etc.
AddHandler cgi-script .cgi
<Directory /s/ei/vergeb/vergeb/context/vergeb/vergeb/>
Options MultiViews
<FilesMatch "\.(cgi)">
Options ExecCGI
Order allow,deny
Allow from all
</FilesMatch>
```

Note: A "ScriptAlias" directive is not a viable alternative for the "AddHandler cgi-script .cgi" directive; the newBooks.cgi script needs to run in the same 'virtual' URL path as the other vwebv WebVoyage executables.
Many WebVoyage skins...
...but only one New Books List

- For each skin
  - add a new tab
  - newBooks.css
  - searchNewBooks.html

- Independent of skin
  - Small CSS file, no need to edit.

All the WebVoyage help files are static HTML. The New Books List help file comes with “en_US” skin look and feel. Must be edited for different skins.

Many WebVoyage skins...
...but only one New Books List

- For each skin
  - search tab config
  - newBooks.cgi
  - newBooks.css
  - searchNewBooks.html

- Independent of skin
  - newBooks.cgi
  - newBooks.txt
  - newBooks.ini
  - newBooks.English
  - newBooks.Finnish
  - newBooks.{language}
  - Google cover javascript
  - etc.

Configuration files only have to be edited once.
Good news, bad news

- New Books List v7 uses screen-scraping to get skin “look and feel”
  - header
    - CSS
    - JavaScript
    - navigation tabs/buttons
  - footer

The good news is...
...it greatly simplifies integration and configuration of the New Books List.

The bad news is...
...it degrades response time.

New Books List search screen

- screen-scraped content
- New Books List content
Example

New Books Search

[Diagram of New Books Search page]

```python
example = "New Books.English"
```

`newBooks.English`

New Books List results screen

[Diagram of New Books List results]

`screen-scraped content`

`New Books List content`
A WebVoyage skin can only have one language module associated with it.

A language module can be associated with one or more WebVoyage skins.
The forgotten config file

- newBooks.ini
- newBooks.English

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More New Books List info...FAQ

New Books List

Frequently Asked Questions (FAQ)

What constitutes a "new" book?

We know a new book when we see one. But when it comes time to automate the process, we have to define new items in terms of a database query.

To be included in the New Books List an item must meet one of the following two sets of criteria:

1. It must have an item record create date within the specified time span and either a holdings record create date or a holdings record update date within the same time span. This is the criteria for physical items.
2. It must have a holdings record create date within the specified time span. That holdings record must also have a URL (e.g. 9566) and must not have an attached item record. This is the criteria for electronic-only items.

What should I use for location "fragments" in the newBooks.ini program?

Each "fragment" is a subset of the location (chosen by you) of the title string that are extracted from the Voyager database. The fragment is used to do a Perl regular expression match against the full string. So you simply want to select a fragment that will match the intended location(s) and not any other locations.

In UT Arlington's case, for example, the fragment "Special" matches all the locations in our Special Collections department, but will not match any locations in the branches or the areas of the Central Library not included in Special Collections. I could probably have used "Collect" as the fragment instead if it wasn't be a whole...
More New Books List info…
…even some stuff for developers.

Still kind of beta

The Google books JavaScript code was written by somebody else (used by permission).

No V 7.0 multilingual skin sites yet (that I know about) – that’s the “acid test”.

No New Books List 7.0 available for Windows Servers – no access to that platform for development.

Radical skin customization may break the New Books List 7.0 screen scraping.

Datamap for Tomcat Version 7.0

<table>
<thead>
<tr>
<th>Field</th>
<th>Data Element</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>BibID</td>
<td>bib_test.bib_id</td>
<td></td>
</tr>
<tr>
<td>ISBN</td>
<td>bib_test.isbn</td>
<td></td>
</tr>
<tr>
<td>Bib-Format</td>
<td>bib_test.bib_format</td>
<td></td>
</tr>
<tr>
<td>Author</td>
<td>bib_test.author</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>bib_test.title</td>
<td></td>
</tr>
<tr>
<td>Edition</td>
<td>bib_test.edition</td>
<td></td>
</tr>
<tr>
<td>Imprint</td>
<td>bib_test.imprint</td>
<td></td>
</tr>
<tr>
<td>Perm Location</td>
<td>location.location_display_name</td>
<td></td>
</tr>
<tr>
<td>Temp Location</td>
<td>location.location_display_name</td>
<td></td>
</tr>
<tr>
<td>Call Number</td>
<td>mfnid_master.display_call_no</td>
<td></td>
</tr>
<tr>
<td>Call Number (Normalized)</td>
<td>mfnid_master.normalized_call_no</td>
<td></td>
</tr>
<tr>
<td>Time Interval*</td>
<td>(see SQL algorithm)</td>
<td></td>
</tr>
</tbody>
</table>

*The time interval data element has a value of either 1, 2, 3, or 4. This number corresponds to the week/month that item falls within: 1st, 2nd, 3rd, or 4th week/month.